
HENSEL

KV Small-type distribution boards up to 63 A

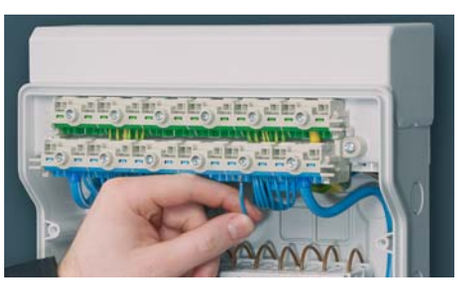
- **3 to 54 modules**
- **degree of protection IP 54-65**
- **protection class II, ⧈**
- **in accordance with IEC 60670-24 / DIN 43871**
- **colour grey, RAL 7035**

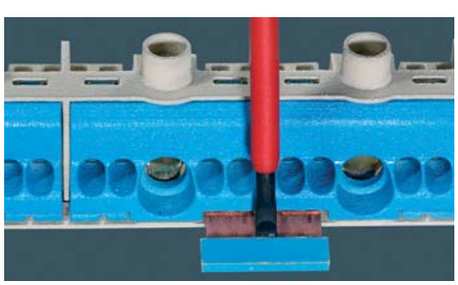
Further technical information can be found on the Internet
www.hensel-electric.de -> Products

KV small-type distribution boards

Circuit breaker box

Cable entry via integrated elastic membranes





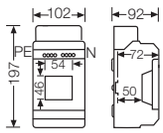
- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- FIXCONNECT® plug-in terminal technology for PE and N
- Connection for copper conductors
- KV Small-type distribution boards with up to four disconnectable N-potentials in one bar enable the installation of RCDs without additional efforts or accessories
- 12 to 54 modules: attached blanking strips for DIN rail equipment openings
- 3 to 9 modules: protective cover can be cut out
- Material: polystyrene
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

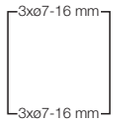
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9103

3 modules: 1 x 3 x 18 mm



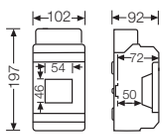


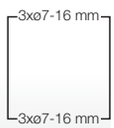
- 1-row
- per PE/N number x cross section 1 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV 8103

3 modules: 1 x 3 x 18 mm without PE and N terminal



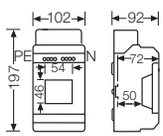


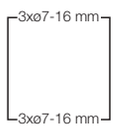
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV 1503

3 modules: 1 x 3 x 18 mm





- 1-row
- per PE/N number x cross section 1 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

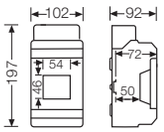
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

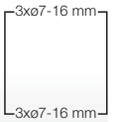
3 to 9 modules: protective cover can be cut out

British Standard installation with earthed armoured cables

KV 1603

3 modules: 1 x 3 x 18 mm
without PE and N terminal





- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

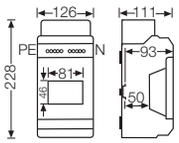
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV small-type distribution boards

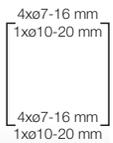
Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9104

4.5 modules: 1 x 4.5 x 18 mm



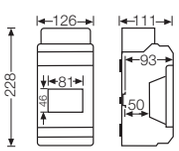
- 1-row
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

KV 8104

4.5 modules: 1 x 4.5 x 18 mm without PE and N terminal

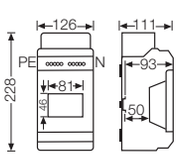


- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

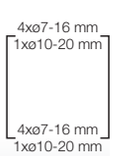
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

KV 1504

4.5 modules: 1 x 4.5 x 18 mm



- 1-row
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes



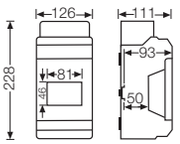
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

3 to 9 modules: protective cover can be cut out

British Standard installation with earthed armoured cables

KV 1604

4.5 modules: 1 x 4.5 x 18 mm
without PE and N terminal



- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

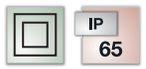
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

KV small-type distribution boards

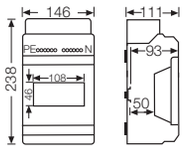
Circuit breaker boxes
Cable entry via integrated elastic membranes

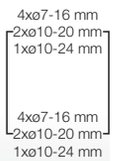
KV 9106

6 modules: 1 x 6 x 18 mm



- 1-row
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes



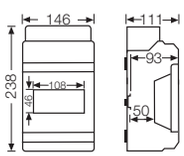


rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

KV 8106

6 modules: 1 x 6 x 18 mm without PE and N terminal

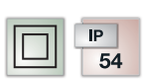
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes



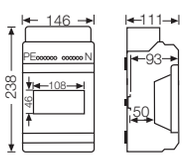
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

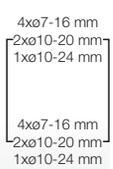
KV 1506

6 modules: 1 x 6 x 18 mm



- 1-row
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

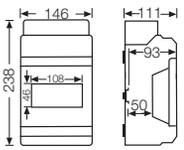
3 to 9 modules: protective cover can be cut out

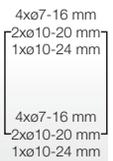
British Standard installation with earthed armoured cables

KV 1606

6 modules: 1 x 6 x 18 mm
without PE and N terminal

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

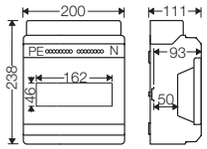
KV 9109

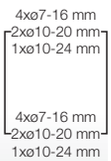
9 modules: 1 x 9 x 18 mm

- 1-row
- per PE/N number x cross section 2 x 25 mm², 8 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

IP 65





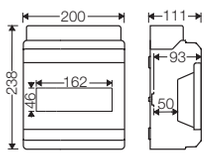
KV 8109

9 modules: 1 x 9 x 18 mm without PE and N terminal

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

IP 65



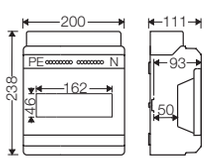
KV 1509

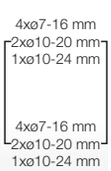
9 modules: 1 x 9 x 18 mm

- 1-row
- per PE/N number x cross section 2 x 25 mm², 8 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

IP 54





3 to 9 modules: protective cover can be cut out

British Standard installation with earthed armoured cables

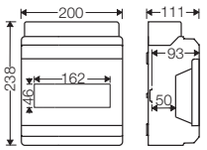
KV small-type distribution boards

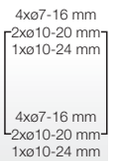
Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 1609

9 modules: 1 x 9 x 18 mm without PE and N terminal

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out
- cable entry via integrated elastic membranes





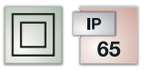
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

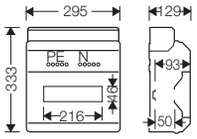
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9112

12 modules: 1 x 12 x 18 mm



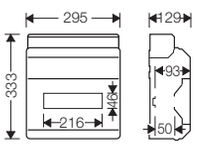


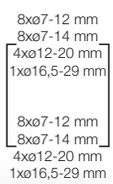
- 1-row
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 8112

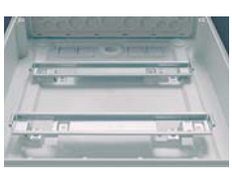
12 modules: 1 x 12 x 18 mm without PE and N terminal





- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871



Variable installation depth by mounting DIN-rails in different levels

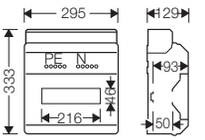
Included blanking strips

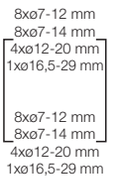
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 1512

12 modules: 1 x 12 x 18 mm



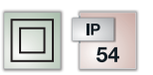


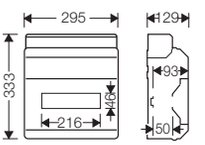
- 1-row
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

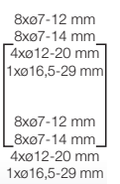
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 1612

12 modules: 1 x 12 x 18 mm without PE and N terminal







- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

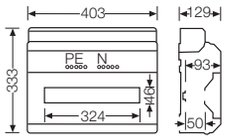
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9118

18 modules: 1 x 18 x 18 mm

- 1-row
- per PE/N number x cross section 4 x 25 mm², 16 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

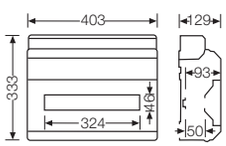
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

KV 8118

18 modules: 1 x 18 x 18 mm without PE and N terminal

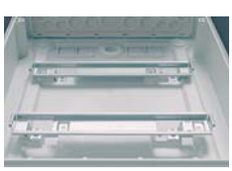
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

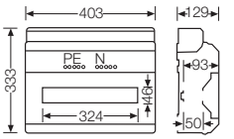


Variable installation depth by mounting DIN-rails in different levels

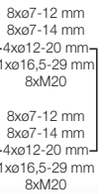
Included blanking strips

KV 1518

18 modules: 1 x 18 x 18 mm



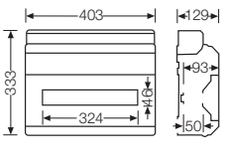
- 1-row
- per PE/N number x cross section 4 x 25 mm², 16 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



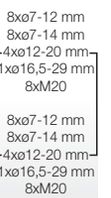
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

KV 1618

18 modules: 1 x 18 x 18 mm without PE and N terminal



- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



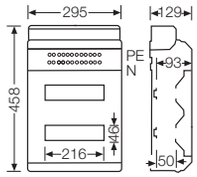
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9224

24 modules: 2 x 12 x 18 mm

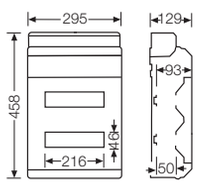


- 2-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

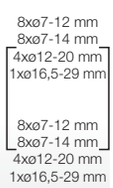
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 8224

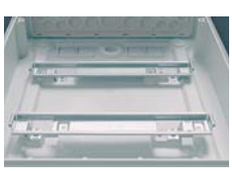
24 modules: 2 x 12 x 18 mm without PE and N terminal



- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

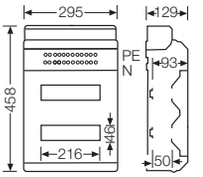


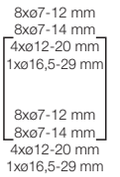
Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

KV 2524

24 modules: 2 x 12 x 18 mm



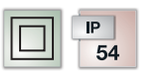


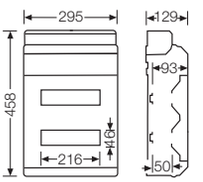
- 2-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

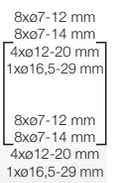
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 2624

24 modules: 2 x 12 x 18 mm without PE and N terminal







- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

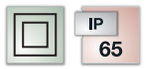
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV small-type distribution boards

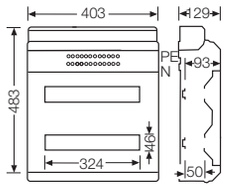
Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9236

36 modules: 2 x 18 x 18 mm



- 2-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

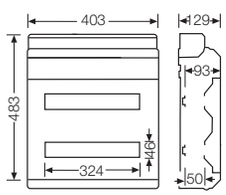
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

KV 8236

36 modules: 2 x 18 x 18 mm without PE and N terminal

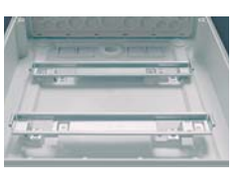
- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

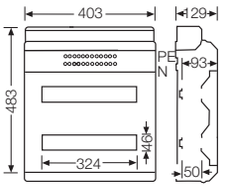


Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

KV 2536

36 modules: 2 x 18 x 18 mm



- 2-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

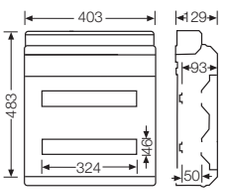
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

KV 2636

36 modules: 2 x 18 x 18 mm without PE and N terminal



- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

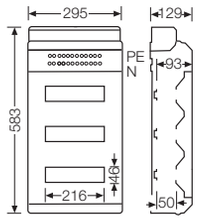
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9336

36 modules: 3 x 12 x 18 mm

- 3-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

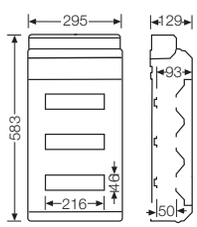


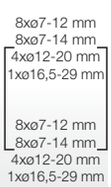
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV 8336

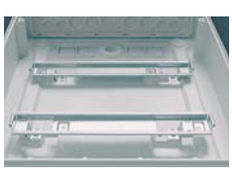
36 modules: 3 x 12 x 18 mm without PE and N terminal

- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

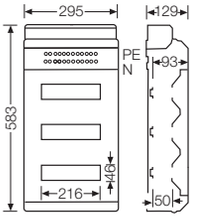


Variable installation depth by mounting DIN-rails in different levels

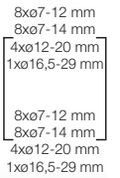
Included blanking strips

KV 3536

36 modules: 3 x 12 x 18 mm



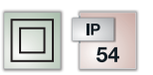
- 3-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

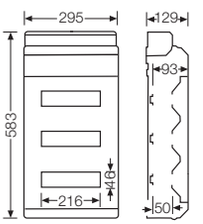


rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

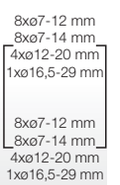
KV 3636

36 modules: 3 x 12 x 18 mm without PE and N terminal





- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

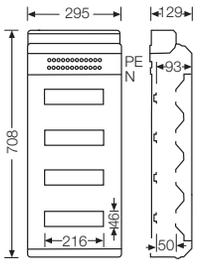
KV 9448

48 modules: 4 x 12 x 18 mm

- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

IP 65



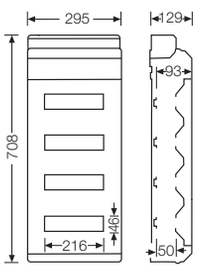
KV 8448

48 modules: 4 x 12 x 18 mm without PE and N terminal

- 4-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

IP 65



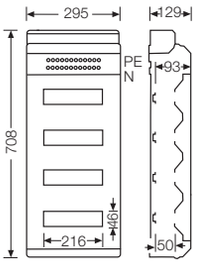
Variable installation depth by mounting DIN-rails in different levels

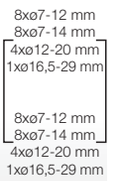
Included blanking strips

KV 4548

48 modules: 4 x 12 x 18 mm

- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

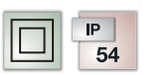




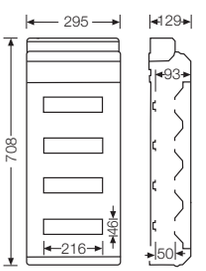
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

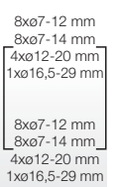
KV 4648

48 modules: 4 x 12 x 18 mm without PE and N terminal



- 4-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes





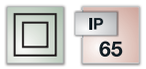
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

KV small-type distribution boards

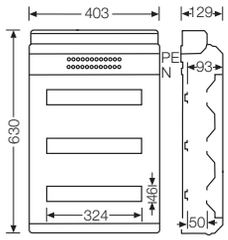
Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 9354

54 modules: 3 x 18 x 18 mm



- 3-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



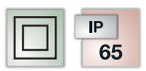
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

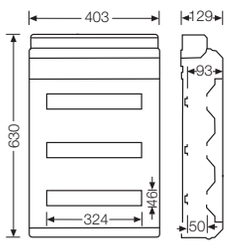
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

KV 8354

54 modules: 3 x 18 x 18 mm without PE and N terminal



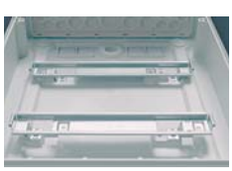
- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20



Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

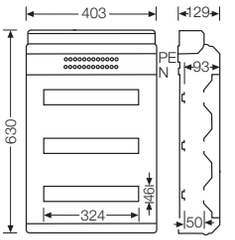
KV small-type distribution boards

Circuit breaker boxes
Cable entry via integrated elastic membranes

KV 3554

54 modules: 3 x 18 x 18 mm

- 3-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

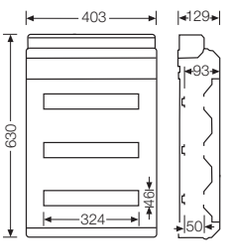
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

KV 3654

54 modules: 3 x 18 x 18 mm without PE and N terminal

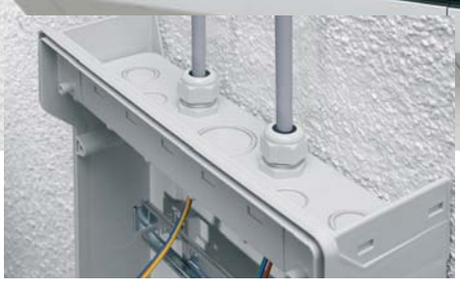
- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

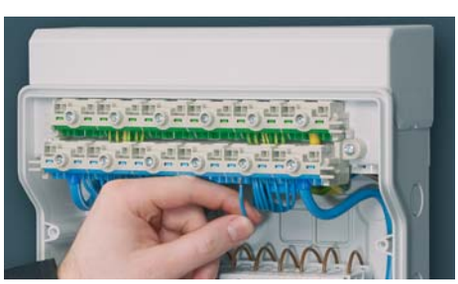
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm
8xM20

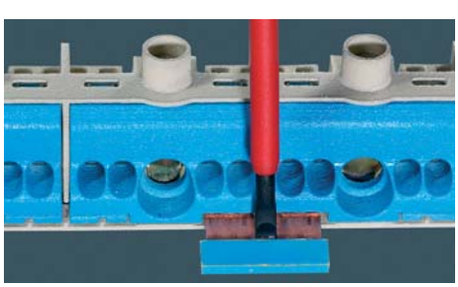


KV small-type distribution boards

Circuit breaker box

Cable entry via metric knockouts

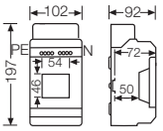


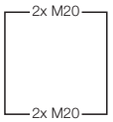


- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- FIXCONNECT® plug-in terminal technology for PE and N
- Connection for copper conductors
- KV Small-type distribution boards with up to four disconnectable N-potentials in one bar enable the installation of RCDs without additional efforts or accessories
- 12 to 54 modules: attached blanking strips for DIN rail equipment openings
- Material: polystyrene
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

KV 7103

3 modules: 1 x 3 x 18 mm



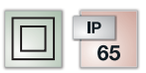


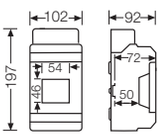
- 1-row
- knockouts: top and bottom walls 2x M20 each
- per PE/N number x cross section 1 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

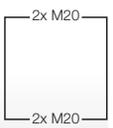
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV 6103

3 modules: 1 x 3 x 18 mm
without PE and N terminal







- 1-row
- knockouts: top and bottom walls 2x M20 each
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

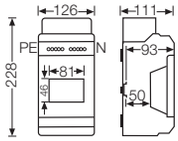
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

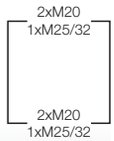
KV small-type distribution boards

Circuit breaker boxes
Cable entry via metric knockouts

KV 7104

4.5 modules: 1 x 4.5 x 18 mm



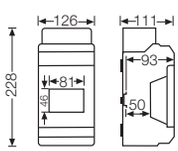


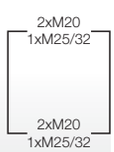
- 1-row
- knockouts: top and bottom walls 2x M20 and 1x M25/32 each
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

KV 6104

4.5 modules: 1 x 4.5 x 18 mm without PE and N terminal





- 1-row
- knockouts: top and bottom walls 2x M20 and 1x M25/32 each
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

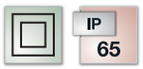
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

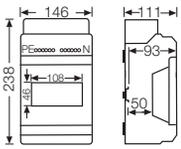
3 to 9 modules: protective cover can be cut out

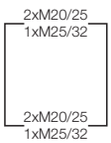
British Standard installation with earthed armoured cables

KV 7106

6 modules: 1 x 6 x 18 mm





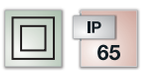


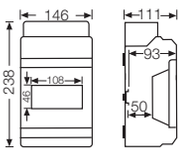
- 1-row
- knockouts: top and bottom walls 2x M20/25 and 1x M25/32 each
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

KV 6106

6 modules: 1 x 6 x 18 mm
without PE and N terminal





- 1-row
- knockouts: top and bottom walls 2x M20/25 and 1x M25/32 each
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

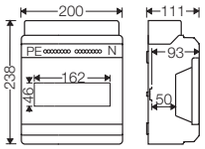
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

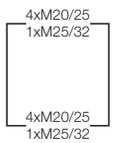
KV small-type distribution boards
Circuit breaker boxes
Cable entry via metric knockouts

KV 7109

9 modules: 1 x 9 x 18 mm

IP 65





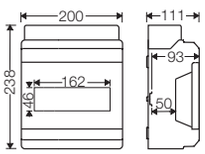
- 1-row
- knockouts: top and bottom walls 4x M20/25 and 1x M25/32 each
- per PE/N number x cross section 2 x 25 mm², 8 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

KV 6109

9 modules: 1 x 9 x 18 mm without PE and N terminal

IP 65



- 1-row
- knockouts: top and bottom walls 4x M20/25 and 1x M25/32 each
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

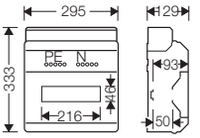
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

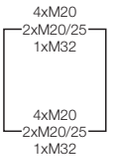
3 to 9 modules: protective cover can be cut out

British Standard installation with earthed armoured cables

KV 9112 M

12 modules: 1 x 12 x 18 mm



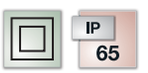


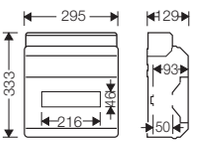
- 1-row
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

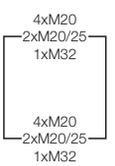
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 8112 M

12 modules: 1 x 12 x 18 mm without PE and N terminal







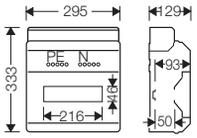
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

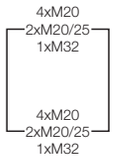
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV small-type distribution boards
Circuit breaker boxes
Cable entry via metric knockouts

KV 1512 M

12 modules: 1 x 12 x 18 mm



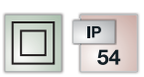


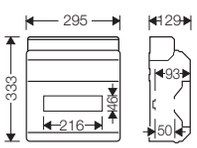
- 1-row
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

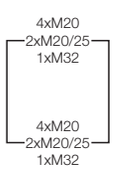
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 1612 M

12 modules: 1 x 12 x 18 mm without PE and N terminal

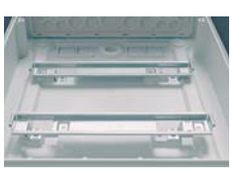






- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

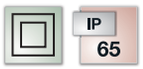


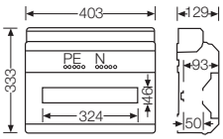
Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

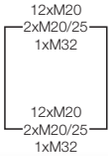
KV 9118 M

18 modules: 1 x 18 x 18 mm





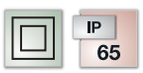
- 1-row
- per PE/N number x cross section 4 x 25 mm², 16 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

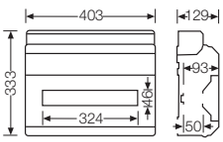


rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

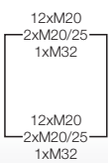
KV 8118 M

18 modules: 1 x 18 x 18 mm without PE and N terminal





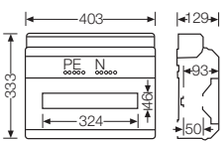
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each



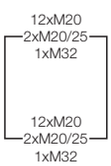
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

KV 1518 M

18 modules: 1 x 18 x 18 mm



- 1-row
- per PE/N number x cross section 4 x 25 mm², 16 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each



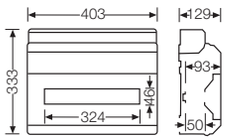
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

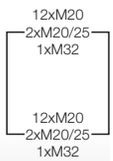
KV small-type distribution boards
Circuit breaker boxes
Cable entry via metric knockouts

KV 1618 M

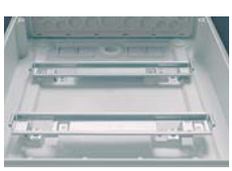
18 modules: 1 x 18 x 18 mm
without PE and N terminal

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

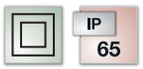


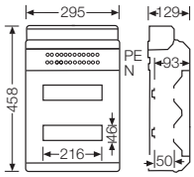
Variable installation depth by mounting DIN-rails in different levels

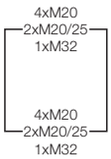
Included blanking strips

KV 9224 M

24 modules: 2 x 12 x 18 mm





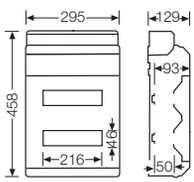


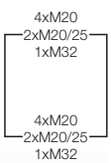
- 2-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 8224 M

24 modules: 2 x 12 x 18 mm without PE and N terminal





- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

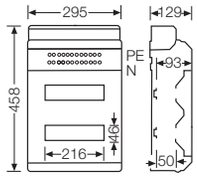
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

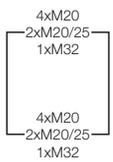
KV small-type distribution boards

Circuit breaker boxes
Cable entry via metric knockouts

KV 2524 M

24 modules: 2 x 12 x 18 mm



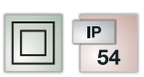


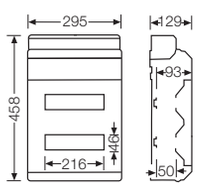
- 2-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

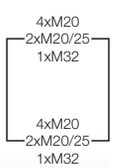
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 2624 M

24 modules: 2 x 12 x 18 mm without PE and N terminal

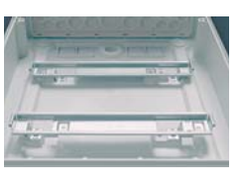






- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

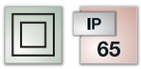


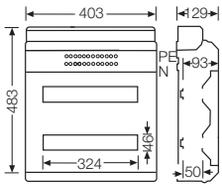
Variable installation depth by mounting DIN-rails in different levels

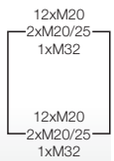
Included blanking strips

KV 9236 M

36 modules: 2 x 18 x 18 mm





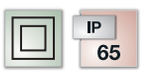


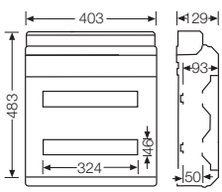
- 2-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

KV 8236 M

36 modules: 2 x 18 x 18 mm without PE and N terminal



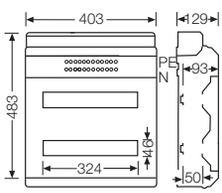


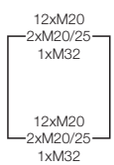
- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

KV 2536 M

36 modules: 2 x 18 x 18 mm





- 2-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

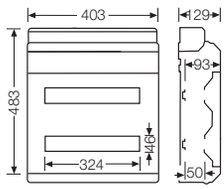
KV small-type distribution boards

Circuit breaker boxes
Cable entry via metric knockouts

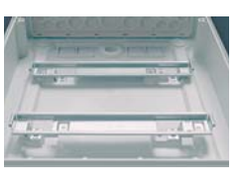
KV 2636 M

36 modules: 2 x 18 x 18 mm without PE and N terminal

- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

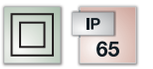


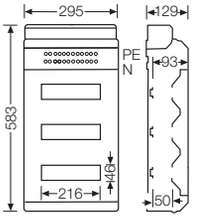
Variable installation depth by mounting DIN-rails in different levels

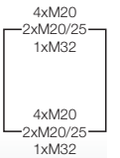
Included blanking strips

KV 9336 M

36 modules: 3 x 12 x 18 mm





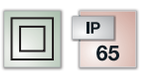


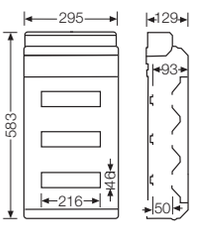
- 3-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

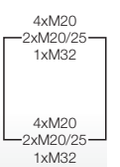
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV 8336 M

36 modules: 3 x 12 x 18 mm without PE and N terminal







- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

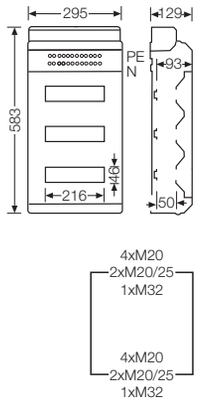
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV small-type distribution boards

Circuit breaker boxes
Cable entry via metric knockouts

KV 3536 M

36 modules: 3 x 12 x 18 mm

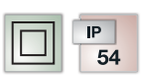


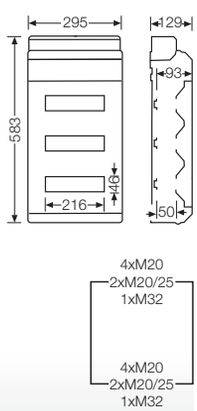
- 3-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV 3636 M

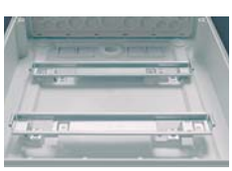
36 modules: 3 x 12 x 18 mm without PE and N terminal





- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

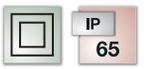


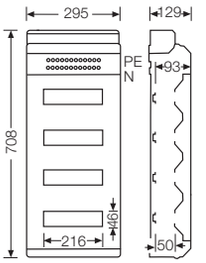
Variable installation depth by mounting DIN-rails in different levels

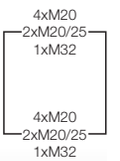
Included blanking strips

KV 9448 M

48 modules: 4 x 12 x 18 mm





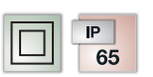


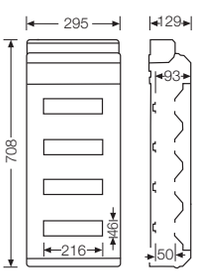
- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

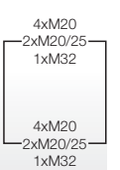
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

KV 8448 M

48 modules: 4 x 12 x 18 mm without PE and N terminal







- 4-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

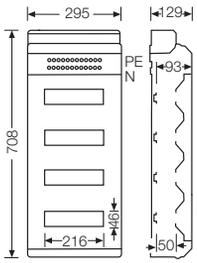
KV small-type distribution boards

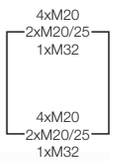
Circuit breaker boxes
Cable entry via metric knockouts

KV 4548 M

48 modules: 4 x 12 x 18 mm

- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

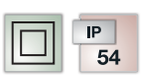




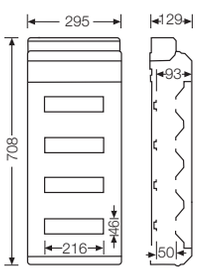
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

KV 4648 M

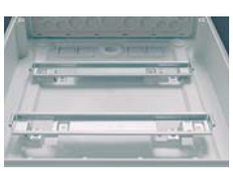
48 modules: 4 x 12 x 18 mm without PE and N terminal



- 4-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871



Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

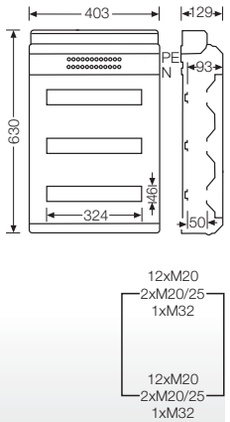
KV 9354 M

54 modules: 3 x 18 x 18 mm

- 3-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

IP 65



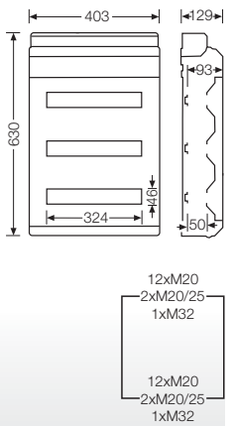
KV 8354 M

54 modules: 3 x 18 x 18 mm without PE and N terminal

- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

IP 65



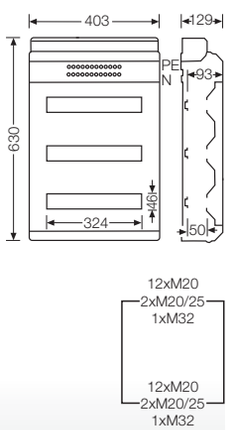
KV 3554 M

54 modules: 3 x 18 x 18 mm

- 3-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

IP 54

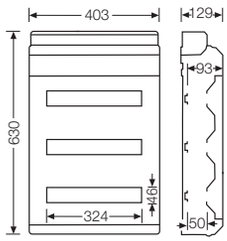


KV small-type distribution boards
Circuit breaker boxes
Cable entry via metric knockouts

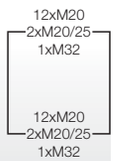
KV 3654 M

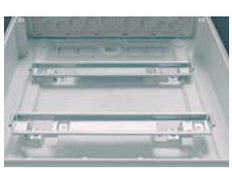
54 modules: 3 x 18 x 18 mm without PE and N terminal

- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24





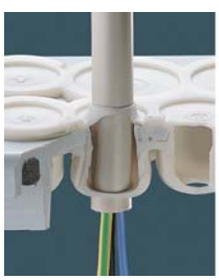
Variable installation depth by mounting DIN-rails in different levels

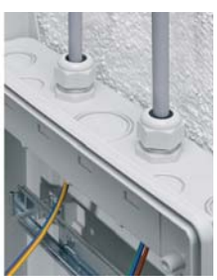
Included blanking strips

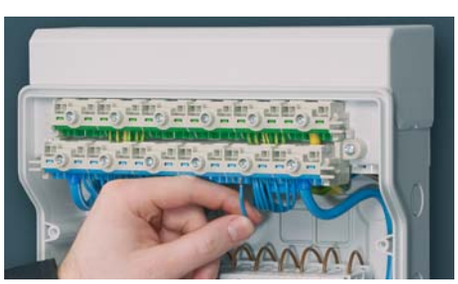
KV small-type distribution boards

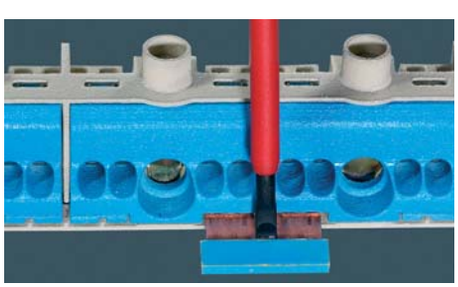
Circuit breaker box

”Weatherproof“ for outdoor installation









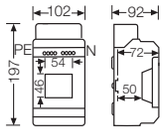
- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- Cable entry via integrated elastic membranes
- Cable entry via metric knockouts
- FIXCONNECT® plug-in terminal technology for PE and N
- Connection for copper conductors
- KV Small-type distribution boards with up to four disconnectable N-potentials in one bar enable the installation of RCDs without additional efforts or accessories
- 12 to 54 modules: attached blanking strips for DIN rail equipment openings
- 3 to 9 modules: protective cover can be cut out
- Material: polycarbonate
- Burning behaviour: Glow wire test in accordance with IEC 60695-2-11: 960 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

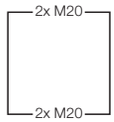
KV small-type distribution boards

Circuit breaker boxes "weatherproof", for outdoor installation
Cable entry via metric knockouts

KV PC 9103

3 modules: 1 x 3 x 18 mm



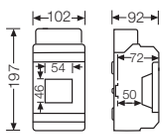


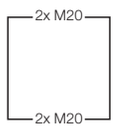
- 1-row
- per PE/N number x cross section 1 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV PC 6103

3 modules: 1 x 3 x 18 mm without PE and N terminal



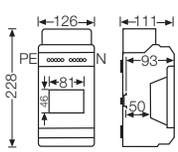


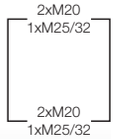
- 1-row
- knockouts: top and bottom walls 2x M20 each
- order PE/N terminals separately
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c. U_i = 1000 V d.c.
power dissipation capability	P_{de} =10 watts according to EN 60670-24

KV PC 9104

4.5 modules: 1 x 4.5 x 18 mm





- 1-row
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

3 to 9 modules: protective cover can be cut out

British Standard installation with earthed armoured cables

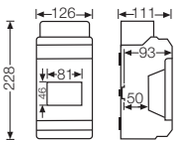
KV small-type distribution boards

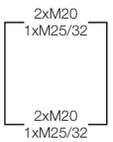
Circuit breaker boxes „weatherproof“, for outdoor installation
Cable entry via metric knockouts

KV PC 6104

4.5 modules: 1 x 4.5 x 18 mm without PE and N terminal

- 1-row
- knockouts: top and bottom walls 2x M20 and 1x M25/32 each
- order PE/N terminals separately
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out



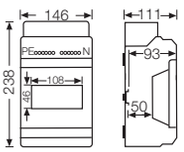


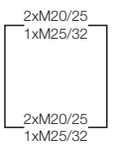
rated insulation voltage	U_i = 400 V a.c. U_i = 1000 V d.c.
power dissipation capability	P_{de} =12 watts according to EN 60670-24

KV PC 9106

6 modules: 1 x 6 x 18 mm

- 1-row
- knockouts: top and bottom walls 2x M20/25 and 1x M25/32 each
- per PE/N number x cross section 2 x 25 mm², 4 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out



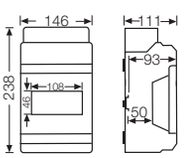


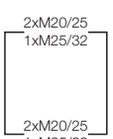
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

KV PC 6106

6 modules: 1 x 6 x 18 mm without PE and N terminal

- 1-row
- knockouts: top and bottom walls 2x M20/25 and 1x M25/32 each
- order PE/N terminals separately
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out





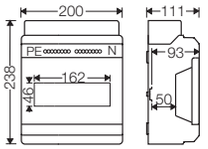
rated insulation voltage	U_i = 400 V a.c. U_i = 1000 V d.c.
power dissipation capability	P_{de} =13 watts according to EN 60670-24

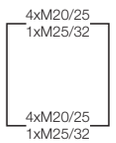
KV small-type distribution boards

Circuit breaker boxes „weatherproof“, for outdoor installation
Cable entry via metric knockouts

KV PC 9109

9 modules: 1 x 9 x 18 mm



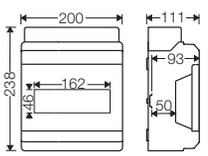


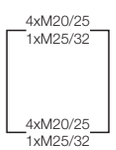
- 1-row
- per PE/N number x cross section 2 x 25 mm², 8 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

KV PC 6109

9 modules: 1 x 9 x 18 mm
without PE and N terminal





- 1-row
- knockouts: top and bottom walls 4x M20/25 and 1x M25/32 each
- order PE/N terminals separately
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent lid, sealable
- locking device for hinged lid and sealing facility see accessories
- with cable entry cover
- protective cover can be cut out

rated insulation voltage	U_i = 400 V a.c. U_i = 1000 V d.c.
power dissipation capability	P_{de} =16 watts according to EN 60670-24

3 to 9 modules: protective cover can be cut out

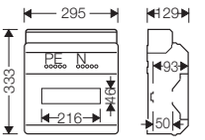
British Standard installation with earthed armoured cables

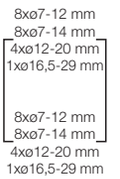
KV small-type distribution boards

Circuit breaker boxes "weatherproof", for outdoor installation
Cable entry via integrated elastic membranes

KV PC 9112

12 modules: 1 x 12 x 18 mm



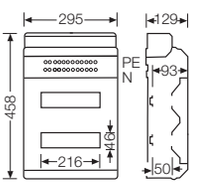


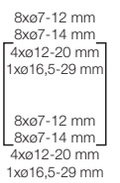
- 1-row
- cable entry via integrated elastic membranes
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- lateral enclosure connections can be managed by drilling

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV PC 9224

24 modules: 2 x 12 x 18 mm





- 2-row
- cable entry via integrated elastic membranes
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- lateral enclosure connections can be managed by drilling

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

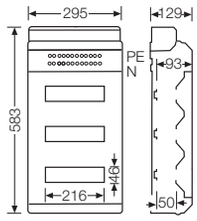
KV small-type distribution boards

Circuit breaker boxes „weatherproof“, for outdoor installation
Cable entry via integrated elastic membranes

KV PC 9336

36 modules: 3 x 12 x 18 mm

- 3-row
- cable entry via integrated elastic membranes
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- lateral enclosure connections can be managed by drilling

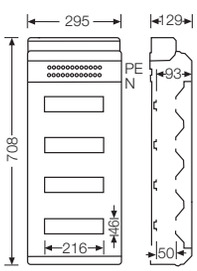


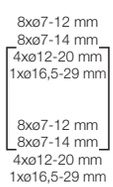
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

KV PC 9448

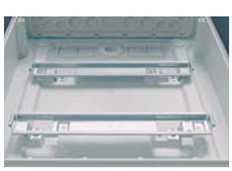
48 modules: 4 x 12 x 18 mm

- 4-row
- cable entry via integrated elastic membranes
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- lateral enclosure connections can be managed by drilling





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871



Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

KV small-type distribution boards

KV small-type distribution boards

Conduit entry via integrated elastic membranes

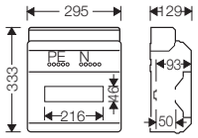
- Integrated compartment for accessories - everything has its proper place
- Screws made of stainless steel V2A
- Conduit entry via integrated elastic membranes
- FIXCONNECT® plug-in terminal technology for PE and N
- Connection for copper conductors
- KV Small-type distribution boards with up to four disconnectable N-potentials in one bar enable the installation of RCDs without additional efforts or accessories
- 12 to 54 modules: attached blanking strips for DIN rail equipment openings
- Material: polystyrene
- Burning behaviour:
  glow wire test in accordance with IEC 60695-2-11: 750 °C,
  flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

KV small-type distribution boards

Circuit breaker boxes
Conduit entry via integrated elastic membranes

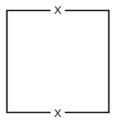
KV 1712

12 modules: 1 x 12 x 18 mm



- 1-row
- per PE/N number x cross section 3 x 25 mm², 12 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes

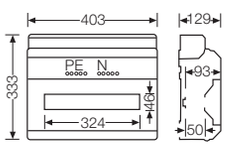
8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

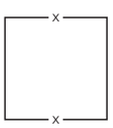
KV 1718

18 modules: 1 x 18 x 18 mm

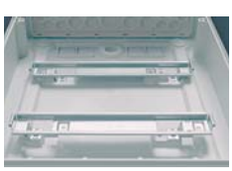


- 1-row
- per PE/N number x cross section 4 x 25 mm², 16 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes

8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24



Variable installation depth by mounting DIN-rails in different levels

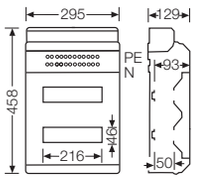
Included blanking strips

KV 2724

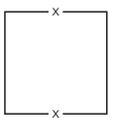
24 modules: 2 x 12 x 18 mm

IP 54

- 2-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes



8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



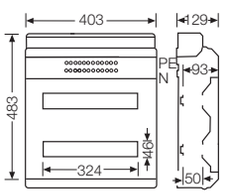
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 2736

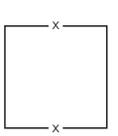
36 modules: 2 x 18 x 18 mm

IP 54

- 2-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes



8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



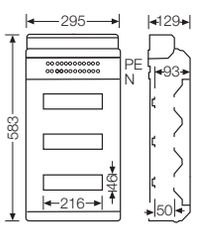
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

KV 3736

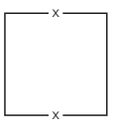
36 modules: 3 x 12 x 18 mm

IP 54

- 3-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes



8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

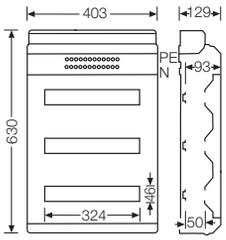
KV small-type distribution boards

Circuit breaker boxes
Conduit entry via integrated elastic membranes

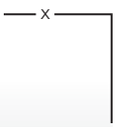
KV 3754

54 modules: 3 x 18 x 18 mm

- 3-row
- per PE/N number x cross section 8 x 25 mm², 32 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes



8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm

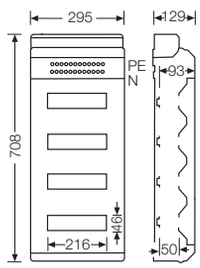


rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =50 watts according to EN 60670-24

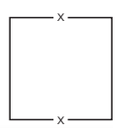
KV 4748

48 modules: 4 x 12 x 18 mm

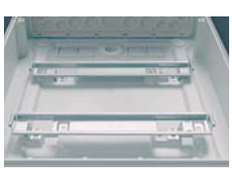
- 4-row
- per PE/N number x cross section 6 x 25 mm², 24 x 4 mm² Cu, FIXCONNECT® terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- with cable glands for conduits and elastic membranes



8 x M 16/20 for conduit or cable Ø 9-14 mm,
1 x M25/32 for conduit or cable Ø 18-24 mm,
6 x Ø 9-18 mm



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871



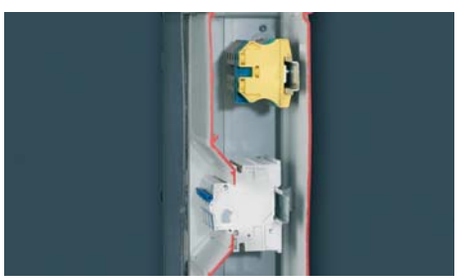
Variable installation depth by mounting DIN-rails in different levels

Included blanking strips

KV small-type distribution boards

Circuit breaker boxes with additional space for electrical devices not to be manually actuated

Cable entry via elastic membranes



- Pre-assembly and wiring in the workshop is possible in case of built-in terminal blocks
- Within the same enclosure standard-conforming installation devices (sizes according to DIN 43880) and non-operator-controlled devices can be installed
- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- Cable entry via integrated elastic membranes
- 12 to 36 modules: blanking strips for unused DIN rail openings included
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

KV small-type distribution boards

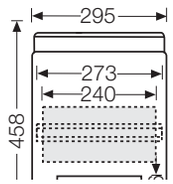
Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via integrated elastic membranes

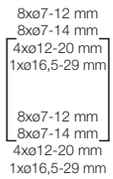
KV 9220

12 modules: 1 x 12 x 18 mm without PE and N terminal

IP 65

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes





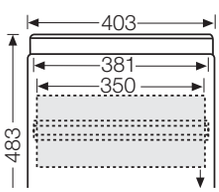
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 9230

18 modules: 1 x 18 x 18 mm without PE and N terminal

IP 65

- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 381 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

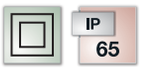
Included blanking strips

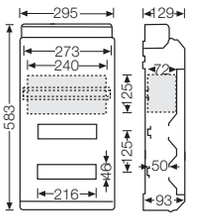
KV small-type distribution boards

Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via integrated elastic membranes

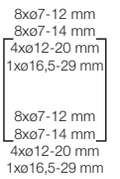
KV 9330

24 modules: 2 x 12 x 18 mm without PE and N terminal





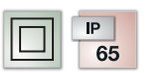
- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes

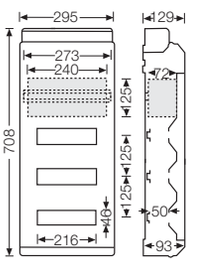


rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

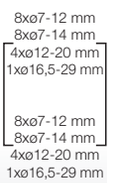
KV 9440

36 modules: 3 x 12 x 18 mm without PE and N terminal





- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

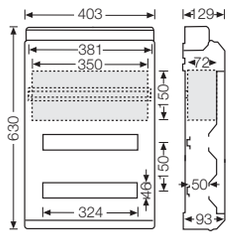
KV small-type distribution boards

Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via integrated elastic membranes

KV 9350

36 modules: 2 x 18 x 18 mm without PE and N terminal

- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 381 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- cable entry via integrated elastic membranes



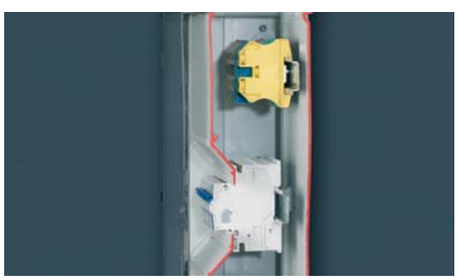
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

Included blanking strips

KV small-type distribution boards

Circuit breaker boxes with additional space for electrical devices not to be manually actuated

Cable entry via metric knockouts



- Pre-assembly and wiring in the workshop is possible in case of built-in terminal blocks
- Within the same enclosure standard-conforming installation devices (sizes according to DIN 43880) and non-operator-controlled devices can be installed
- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- Cable entry via metric knockouts
- 12 to 36 modules: blanking strips for unused DIN rail openings included
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

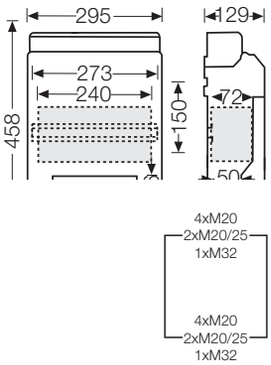
KV small-type distribution boards

Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via metric knockouts

KV 9220 M

12 modules: 1 x 12 x 18 mm without PE and N terminal

IP 65



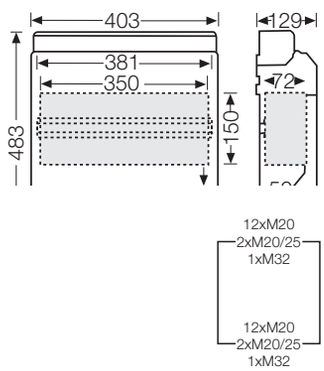
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 9230 M

18 modules: 1 x 18 x 18 mm without PE and N terminal

IP 65



- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 381 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =33 watts according to EN 60670-24

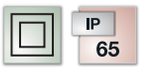
Included blanking strips

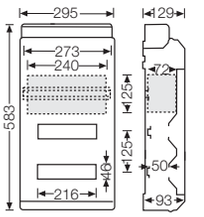
KV small-type distribution boards

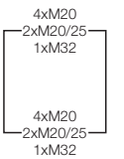
Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via metric knockouts

KV 9330 M

24 modules: 2 x 12 x 18 mm without PE and N terminal





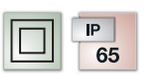


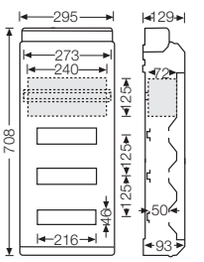
- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

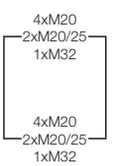
rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

KV 9440 M

36 modules: 3 x 12 x 18 mm without PE and N terminal







- 3-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 273 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 4x M20, 2x M20/25 and 1x M32 each

rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =35 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 28 watts at 30 K according to DIN 43871

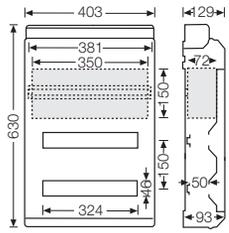
KV small-type distribution boards

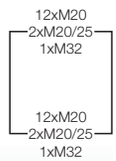
Circuit breaker boxes with additional space for electrical devices not to be manually actuated
Cable entry via metric knockouts

KV 9350 M

36 modules: 2 x 18 x 18 mm without PE and N terminal

- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with additional space for electrical devices not to be manually actuated
- with 1 DIN rail, 381 mm wide, for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with blanking strips for unused DIN rail openings
- knockouts: top and bottom walls 12x M20, 2x M20/25 and 1x M32 each





rated insulation voltage	U_i = 400 V a.c.
power dissipation capability	P_{de} =38 watts according to EN 60670-24

Included blanking strips

KV small-type distribution boards

KV small-type distribution boards

Circuit breaker boxes
Flanges without knockouts, cable entries can be drilled individually

- Cable entry via flanges which can be drilled individually
- Compact user friendly solution, optically optimized by cable entry cover
- Integrated compartment for accessories - everything has its proper place
- DIN-rails with stopper for proper position of installation device
- Screws made of stainless steel V2A
- Blanking strips for unused DIN rail openings
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

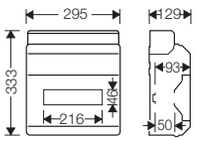
KV small-type distribution boards

Circuit breaker boxes
with flanges for individual drilling of cable entries

KV 8112 G

12 modules: 1 x 12 x 18 mm without PE and N terminal

IP 65



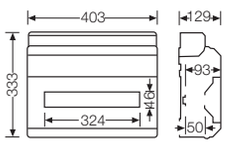
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with two flanges which can be drilled individually, closed. Useable area 52 mm x 252 mm
- with blanking strips for unused DIN rail openings

power dissipation capability	P_{de} =26 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 21 watts at 30 K according to DIN 43871

KV 8118 G

18 modules: 1 x 18 x 18 mm without PE and N terminal

IP 65



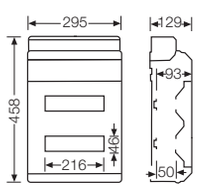
- 1-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with two flanges which can be drilled individually, closed. Useable area 52 mm x 252 mm
- with blanking strips for unused DIN rail openings

power dissipation capability	P_{de} =33 watts according to EN 60670-24

KV 8224 G

24 modules: 2 x 12 x 18 mm without PE and N terminal

IP 65



- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with two flanges which can be drilled individually, closed. Useable area 52 mm x 252 mm
- with blanking strips for unused DIN rail openings

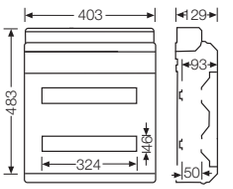
power dissipation capability	P_{de} =31 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 25 watts at 30 K according to DIN 43871

Included blanking strips

KV 8236 G

36 modules: 2 x 18 x 18 mm without PE and N terminal

IP 65



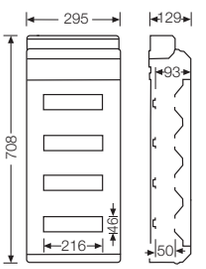
- 2-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with two flanges which can be drilled individually, closed. Useable area 52 mm x 252 mm
- with blanking strips for unused DIN rail openings

power dissipation capability	P_{de} =38 watts according to EN 60670-24

KV 8448 G

48 modules: 4 x 12 x 18 mm without PE and N terminal

IP 65



- 4-row
- order PE/N terminals separately
- for the installation of DIN rail equipment, top hat profile 35 mm
- with transparent door
- for door locking device and sealing device refer to accessories
- with cable entry cover
- with two flanges which can be drilled individually, closed. Useable area 52 mm x 252 mm
- with blanking strips for unused DIN rail openings

power dissipation capability	P_{de} =43 watts according to EN 60670-24
permissible power dissipation	P_{zul} = 34 watts at 30 K according to DIN 43871

Included blanking strips

KV small-type distribution boards

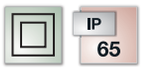
Empty enclosures

Cable entry via integrated, elastic membranes

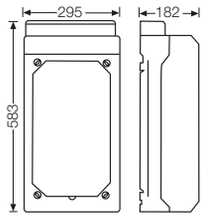
- Compact user friendly solution, optically optimized by cable entry cover
- DIN-rails with stopper for proper position of installation device
- cable entry via elastic membranes
- Screws made of stainless steel V2A
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

KV 9331

Degree of protection: IP 65

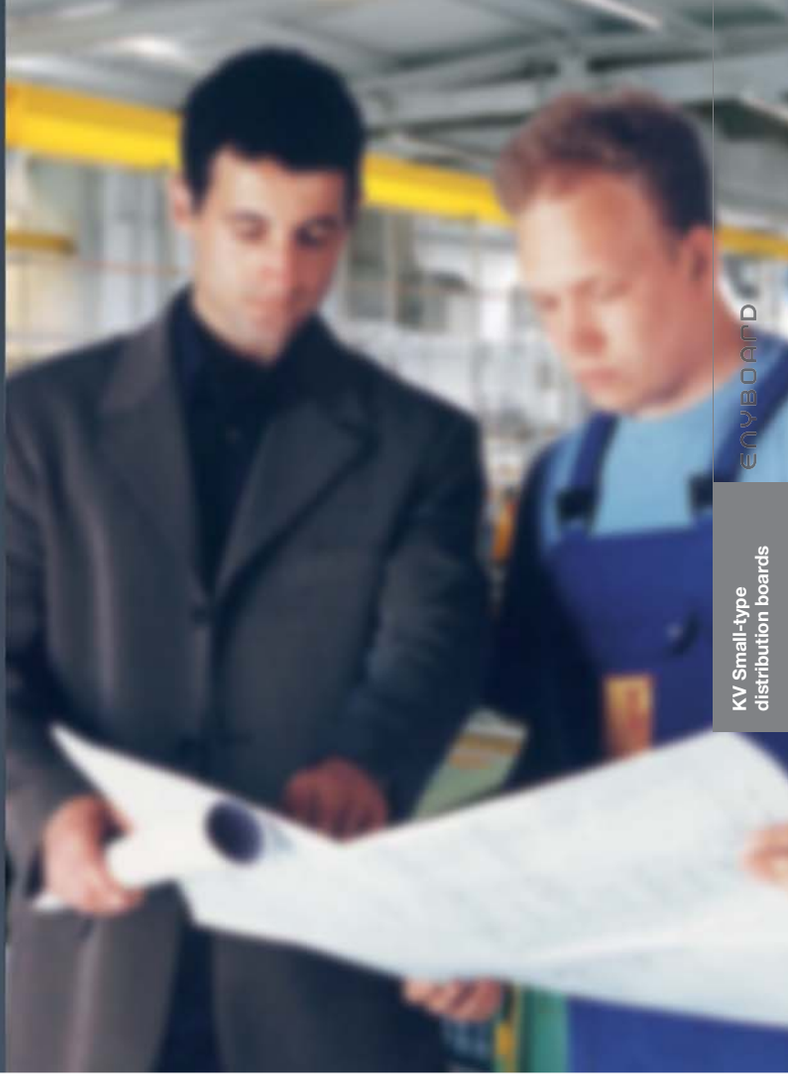


- for installation of devices via installed mounting plate
- max. installation depth: 160 mm
- thermal power dissipation capability see diagram in the index technical data
- with transparent lid
- fastener for tool operation
- sealable
- with cable entry cover
- cable entry via integrated elastic membranes



rated insulation voltage	U_i = 1000 V a.c.
Impact strength	IK 08 (5 Joule)
static load	mounting plate or DIN rail = 9.2 kg lid = 3.2 kg
power dissipation capability at $\Delta\vartheta$ =40 K	P_{de} =63 W
relative power dissipation capability in watts per K	p_{de} = 1.575 watts per K

KV empty box in application



KV small-type distribution boards

Meter box

Cable entry via integrated elastic membranes

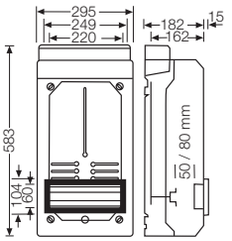
- Compact user friendly solution, optically optimized by cable entry cover
- DIN-rails with stopper for proper position of installation device
- Sealable
- Screws made of stainless steel V2A
- Burning behaviour: glow wire test in accordance with IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035

KV 9337

IP 65

Use in areas under control or reponsibility of local power supply companies degree of protection: IP 65

- with KWH meter support and meter fastening screws for meters with three-point mounting
- max. installation depth: 162 mm
- with hinged flap and protection cover for 12 modules (12 x 18 mm)
- with DIN-rail belonging to it
- with transparent lid
- fasteners for tool operation
- sealable
- with cable entry cover
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

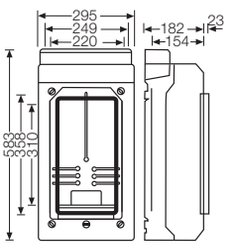
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

KV 9338

IP 54

Use in areas under control or reponsibility of local power supply companies degree of protection: IP 54

- with KWH meter support and meter fastening screws for meters with three-point mounting
- max. installation depth: 154 mm
- with KWH meter window flap, sealable
- for maximum KWH meters, time switches etc.
- standard opening dimensions 140 x 310 mm
- for tool or manual operation
- for padlock (clip Ø max. 6 mm)
- with additional DIN rail
- length of DIN rail 172 mm
- with transparent lid
- fasteners for tool operation
- sealable
- with cable entry cover
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

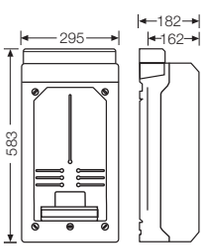
8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

KV 9339

IP 65

Use in areas under control or reponsibility of local power supply companies degree of protection: IP 65

- with KWH meter support and meter fastening screws for meters with three-point mounting
- max. installation depth: 162 mm
- with additional DIN rail
- length of DIN rail 172 mm
- with transparent lid
- fasteners for tool operation
- sealable
- with cable entry cover
- cable entry via integrated elastic membranes



8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

8xø7-12 mm
8xø7-14 mm
4xø12-20 mm
1xø16,5-29 mm

KV small-type distribution boards

Accessories

KV FC 03

PE and N terminal
per PE/N 1 x 25 mm², 4 x 4 mm² Cu

- for small-type distribution boards with 3 modules
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- current carrying capacity: 101 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 04

PE and N terminal
per PE/N 2 x 25 mm², 4 x 4 mm², Cu

- for small-type distribution boards with 4.5 modules
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- current carrying capacity: 101 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 06

PE and N terminal
per PE/N 2 x 25 mm², 4 x 4 mm², Cu

- for small-type distribution boards with 6 modules
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- current carrying capacity: 101 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 09

PE and N terminal
PE/N 2 x 25 mm², 8 x 4 mm², Cu each

- for small-type distribution boards with 9 modules
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- current carrying capacity: 101 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 12

PE and N terminal
per PE/N 3 x 25 mm², 12 x 4 mm², Cu

- for small-type distribution boards with 12 modules and KV empty boxes
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- current carrying capacity: 75 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 18

PE and N terminal
per PE/N 4 x 25 mm², 16 x 4 mm², Cu

- for small-type distribution boards with 18 modules per row
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- N separable, for up to 2 different potentials
- current carrying capacity: 75 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 24

PE and N terminal
per PE/N 6 x 25 mm², 24 x 4 mm², Cu

- for small-type distribution boards with 12 modules and KV empty boxes
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- current carrying capacity: 75 A

rated insulation voltage	U_i = 690 V a.c.

KV FC 36

PE and N terminal
per PE/N 8 x 25 mm², 32 x 4 mm², Cu

- for small-type distribution boards with 18 modules per row
- FIXCONNECT® plug-in terminal technology, for terminal technology refer to technical data
- N separable, up to 4 different potentials
- current carrying capacity: 75 A

rated insulation voltage	U_i = 690 V a.c.

FC BS 5

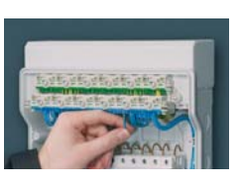
FIXCONNECT labelling system
set with 5 pieces

- labelling system for FIXCONNECT® plug-in terminals, not for terminals 2x25 / 4x4 mm²
- for attaching of labelling strips or marking with felt tip pen

FC BS 6

FIXCONNECT labelling system
set with 5 pieces

- labelling system for FIXCONNECT® plug-in terminals, for terminals 2x25 / 4x4 mm²
- for attaching of labelling strips or marking with felt tip pen



FIXCONNECT® plug-in terminal technology

KV EB 03

Cable entry cover

- for small-type distribution boards with 3 modules
- for replacement purposes
  (1 cable entry cover included with supply of the board)

KV EB 04

Cable entry cover

- for small-type distribution boards with 4.5 modules
- for replacement purposes
  (1 cable entry cover included with supply of the board)

KV EB 06

Cable entry cover

- for small-type distribution boards with 6 modules
- for replacement purposes
  (1 cable entry cover included with supply of the board)

KV EB 09

Cable entry cover

- for small-type distribution boards with 9 modules
- and for KV 9325, KV 9363
- for replacement purposes
  (1 cable entry cover included with supply of the board)

KV EB 12

Cable entry cover

- for small-type distribution boards with 12 modules per row
- only order additionally if the cable entry should be covered at the top and bottom
  (1 cable entry cover included with supply of the board)

KV EB 18

Cable entry cover

- for small-type distribution boards with 18 modules per row
- only order additionally if the cable entry should be covered at the top and bottom
  (1 cable entry cover included with supply of the board)

KV EB 26

Cable entry cover

- for small-type distribution boards KV 0112, KV 0212, KV 0124, KV 0224, KV 0136, KV 0236
- only order additionally if the cable entry should be covered at the top and bottom
  (1 cable entry cover included with supply of the board)

Compact user friendly solution, optically optimized by cable entry cover

KV ES 1

Locking device
for small-type distribution boards 12 - 54 modules

- profile cylinder with 2 keys

KV ES 2

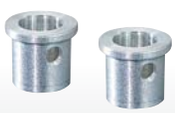
Spare key

- for door lock KV ES 1 or KV ES 3
- 2 pieces

KV ES 3

Locking device
for small-type distribution boards 3 - 9 modules

- and for KV 9325, KV 9363
- profile cylinder with 2 keys



KV PL 2

Sealing device
for small-type distribution boards 12 - 54 modules

- for sealing the top and bottom parts of the box (doors can be sealed without accessories)

KV PL 3

Sealing device
for small-type distribution boards 3 - 9 modules

- and for KV 9325, KV 9363
- for sealing the top and bottom parts of the box (doors can be sealed without accessories)

AS 12

RAL 7035

Blanking strip
12 modules

- 12 x 18 mm, divisible every 9 mm
- for the covering of spare equipment openings, for material thickness up to 3 mm

AS 18

RAL 7035

Blanking strip
18 modules

- 18 X 18 mm, divisible every 9 mm
- for the covering of spare equipment openings, for material thickness up to 3 mm

Sealing of top and bottom part

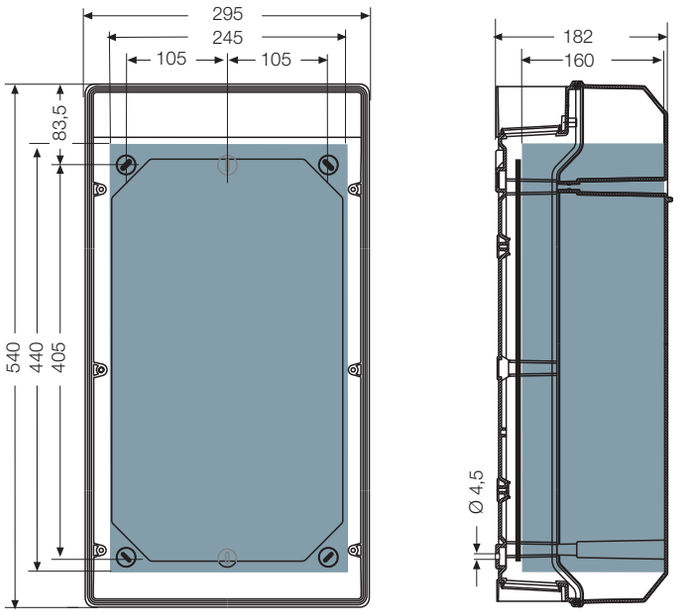
Blanking strips for unused DIN rail openings

KV small-type distribution boards

Technical details

KV small-type distribution boards

Technical details
Dimensions in mm



KV 9331

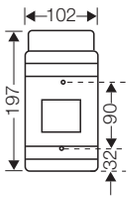
= usable installation area with mounted cable glands

KV small-type distribution boards

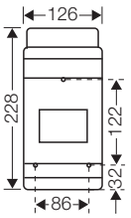
Technical details
Mounting dimensions in mm

Wall mounting for screws up to 4.5 mm diameter.

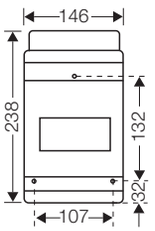
Circuit breaker boxes
3 modules



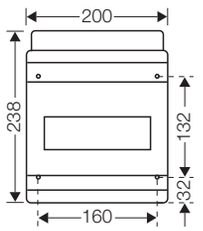
Circuit breaker boxes
4.5 modules



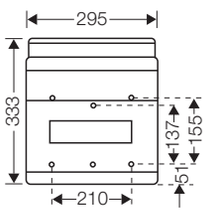
Circuit breaker boxes
6 modules



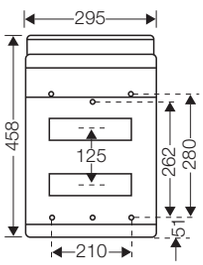
Circuit breaker boxes
9 modules



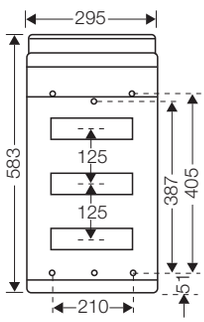
Circuit breaker boxes
12 modules



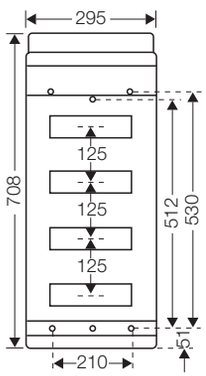
Circuit breaker boxes
2 x 12 modules



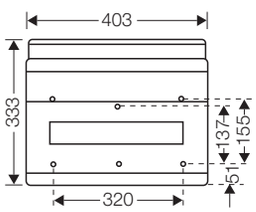
Circuit breaker boxes
3 x 12 modules



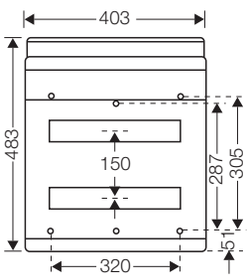
Circuit breaker boxes
4 x 12 modules



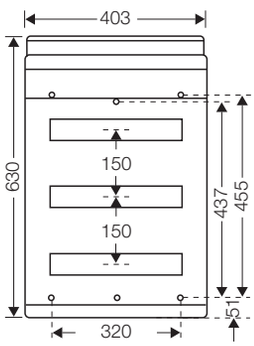
Circuit breaker boxes
1 x 18 modules

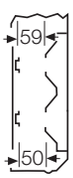


Circuit breaker boxes
2 x 18 modules

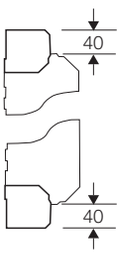


Circuit breaker boxes
3 x 18 modules





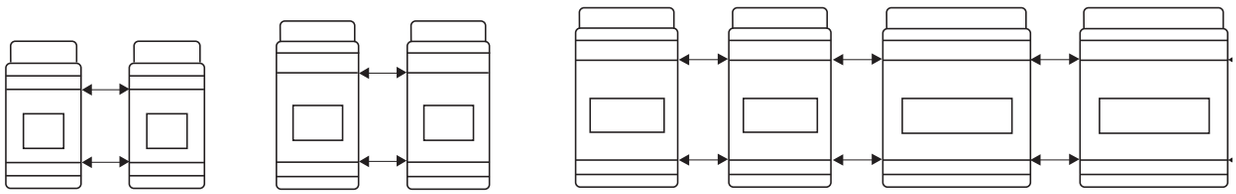
By turning the rail by 180 °, the assembly depth under the protection cover can be increased to 59 mm. No additional components are required.



Cable entry cover for KV Circuit breaker boxes IP 54 and IP 65 with 12-54 modules mounted on top and the bottom.

KV Circuit breaker boxes can be assembled laterally as shown below:

- in degree of protection IP 65 with threaded connecting glands AVS 16
- in degree of protection IP 54 with press-in connecting glands EVS 16



KV Circuit breaker boxes 3 modules

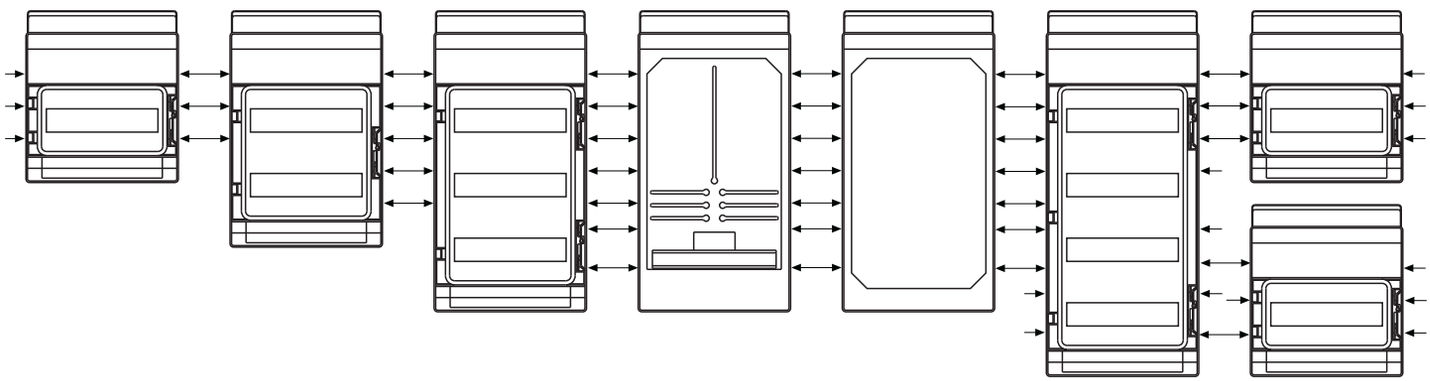
KV Circuit breaker boxes 4.5 modules

KV Circuit breaker boxes 6 modules

KV Circuit breaker boxes 9 modules

KV Circuit breaker / Meter and Empty boxes can be assembled laterally as shown below:

- in degree of protection IP 65 with threaded connecting glands AVS 16
- in degree of protection IP 54 with press-in connecting glands EVS 16



KV circuit breaker boxes 12 modules

KV circuit breaker boxes 2x12 modules, KV 9220, KV 9220 M

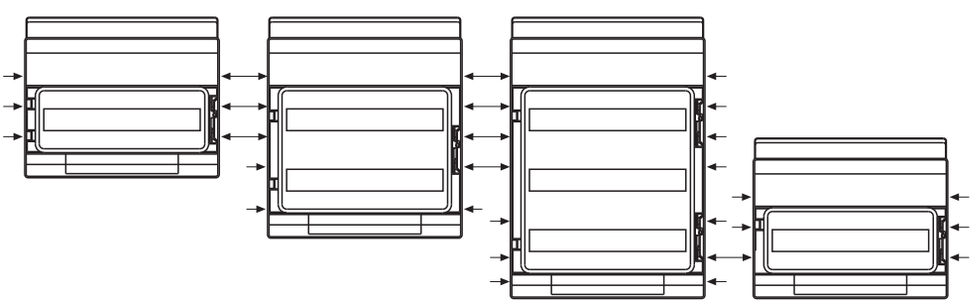
KV circuit breaker boxes 3x12 modules, KV 9330, KV 9330 M

KWH Meter boxes KV 9338 KV 9337

KV empty box 4x12 modules KV 9440, KV 9440 M

KV empty box 4x12 modules KV 9440 KV 9440 M

KV circuit breaker boxes 12 modules



KV circuit breaker boxes 18 modules

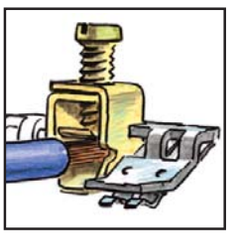
KV circuit breaker boxes 2 x 18 modules, KV 9230, KV 9230 M

KV circuit breaker boxes 3 x 18 modules, KV 9350 KV 9350 M

KV circuit breaker boxes 18 modules

PE and N FIXCONNECT® terminal

Rated connecting capacity of PE and N terminals for copper conductors

Clamping unit	Corresponding cross-sections/copper				
	max. number	from - to max.		max. number	from - to max.
Screw-type terminal 25 mm²					
	1 1 1 3 3 4 4	25 mm², s 16 mm², s 10 mm², sol 6 mm², sol 4 mm², sol 2.5 mm², sol 1.5 mm², sol	Tested as connecting terminal for several conductors of the same cross-sections for using in one circuit	1 1 1 1 1 1 1	25 mm², f 16 mm², f 10 mm², f 6 mm², f 4 mm², f 2.5 mm², f 1.5 mm², f
Plug-in terminal 4 mm² 	1	1.5 - 4 mm², sol		1	1.5 - 4 mm², f Without end ferrule; clamping unit has to be opened with a tool when conductor is inserted

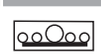
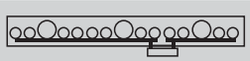
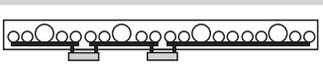
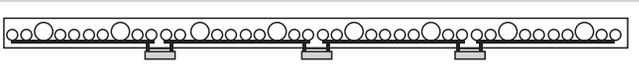
Current carrying capacity of the connecting device: 75 A
All terminals are secured against self loosening.

Terminal equipment and number of conductors to be connected

PE terminal for copper conductors

Number of modules	PE terminal up to 4 mm²	up to 25 mm²
3	 4x4 mm²	1x25 mm²
4.5 6	 4x4 mm²	2x25 mm²
9	 8x4 mm²	2x25 mm²
12	 12x4 mm²	2x25 mm²
18	 16x4 mm²	4x25 mm²
24 36 (3-row) 48	 24x4 mm²	6x25 mm²
36 (2-row) 54	 32x4 mm²	8x25 mm²

N terminal for copper conductors

Number of modules	N terminal up to 4 mm²	up to 25 mm²	plug-in jumper
3	 4x4 mm²	1x25 mm²	
4.5 6	 4x4 mm²	2x25 mm²	
9	 8x4 mm²	2x25 mm²	
12	 12x4 mm²	2x25 mm²	
18	 16x4 mm²	4x25 mm²	
24 36 (3-row) 48	 24x4 mm²	6x25 mm²	
36 (2-row) 54	 32x4 mm²	8x25 mm²	

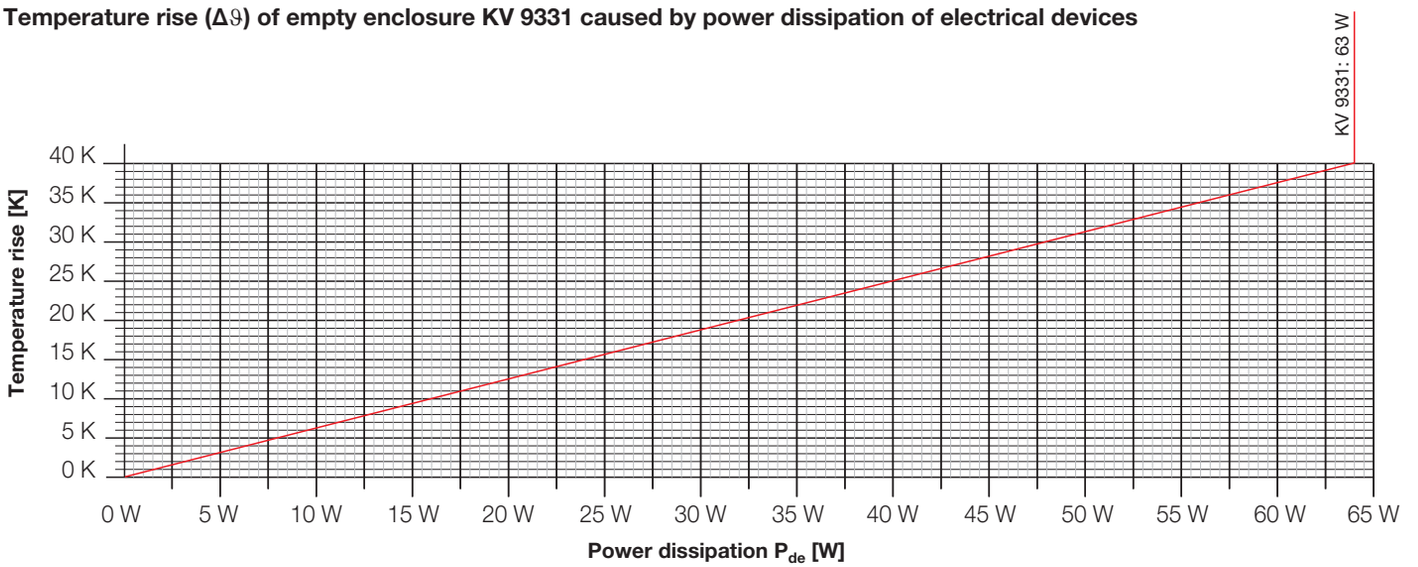
Standards and regulations

- DIN EN 60670-24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment
- DIN 43880
  Built-in equipment for electrical installations; overall dimensions and related mounting dimensions
- IEC 60 999, Connecting devices
  Safety requirements forscrew-type and screwless-type clamping units for electrical copper conductors
- EN 60 529 / DIN VDE 0470 Part 1
  Degrees of protection provided by enclosures (IP-Code)

Table 4: Permissible power dissipation for distribution boards

Table 4					
	Permissible power dissipation P_{zul} for distribution boards for wall-mounting at overtemperature $_{\Delta}T$				
size	10 K	15 K	20 K	25 K	30 K
1-row	5.5 W	9.0 W	12.5 W	16.5 W	21.0 W
2-row	6.5 W	11.0 W	15.0 W	20.0 W	25.0 W
3-row	7.0 W	12.0 W	17.0 W	22.0 W	28.0 W
4-row	8.5 W	14.5 W	20.5 W	27.0 W	34.0 W

Temperature rise (Δϑ) of empty enclosure KV 9331 caused by power dissipation of electrical devices



	KV Small-type distribution boards PS polystyrene		KV PC Small-type distribution boards PC polycarbonate
	KV Small-type distribution boards and KWH Meter boxes	**Empty boxes**	**KV PC Small-type distribution boards**
Application area	**Degree of protection IP 54/65:** Suitable for indoor installation and outdoor installation, protected against weather influences: However, pay attention to the climatic effects on the installed equipment , for example, high or low ambient temperatures or formation of condensed water see technical information		The enclosures are suitable for outdoor installation - harsh environment and / or outdoor. The material is examined for UV resistance by the institute for plastics and thereby suitable for the outdoor installation during UV effect. However the climatic influences and effects on the equipment are to be considered.
Ambient temperature			
- Average value over 24 hours	+ 35 °C	–	+ 35 °C
- Maximum value	+ 40 °C	+ 60 °C	+ 40 °C
- Minimum value	– 5 °C	– 25 °C	– 5 °C
Relative humidity	50% at 40 °C	–	–
- short-time	100% at 25 °C	–	–
Fire protection in the case of internal faults	Demands placed on electrical devices from standards and laws: Minimum requirements - Glow wire test in accordance with IEC 60 695-2-11: - 650 °C for boxes and cable glands - 850 °C for parts of insulating material necessary to retain current carrying parts in position		
Burning behaviour			
- Glow wire test IEC 60 695-2-11	750 °C	750 °C	960 °C
- UL Subject 94	V-2 flame-retardant self-extinguishing	V-2 flame-retardant self-extinguishing	V-2 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)	IK08 (5 Joule)	IK08 (5 Joule)
Toxic behaviour	halogen-free silicone-free	halogen-free silicone-free	halogen-free silicone-free

"Halogen-free" in accordance with IEC 60754-2 "Common test methods for cables - Determination of the amount of halogen acid gas".

For material properties see technical data.