MCD

Combination version, double door

Continuing to set the standards in Enclosure design, the MCD range of mild steel double door floor standing enclosures combines strength and practicality in one. Infinite mounting possibilities and a complete range of accessories, means you can rely on MCD to get the job done.

IP 55/NEMA 12, 13, IK10

Technical data

Material: Frame:1.5/1.75 mm painted steel. Doors: 2 mm painted steel. Rear. roof and side panels: 1.5 mm painted steel. Mounting plate: 3 mm galvanised steel. Bottom plates: 1 mm galvanised steel.

Frame: Seam welded reversed open profiles with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern.

Door: Surface mounted with four hinges. Including door frame with 25 mm hole pattern. Doors can not be reversed. Separate doors to be ordered for left hand door locking.

Rear panel: Fitted by M6 torx screws. Standard facilities for rear door mounting. Split rear panels in 1600 wide enclosures.

Side panels: Supplied as an accessory.

Roof panel: Removable

Lock: Espagnolette 4-point locking system. Does not interfere with the enclosure inner space. Standard DIN-lock with 3 mm pin. Can be exchanged for standard inserts or Euro-cylinder. swing handle or digital locking system.

Bottom plates: Consists of three or four (D> 600) pieces.

Mounting plate: Double folded and adjustable in depth by steps of 25 mm. Attached on the outside of the enclosure carton. 1600 wide m/ plates fitted inside.

Earthing: All panels are earthed through their fittings and are equipped with a separate earthing stud.

Finish: Structure powder paint RAL 7035.

Protection: Corresponds with IP 55 and Nema 12, 13. IK10.

Delivery: Frame with fitted doors, rear panel, roof panel, bottom plates, mounting plate and door frame. Delivery also includes earthing bolts. Delivered on a pallet with width identical with the enclosure to allow suiting without removal. All packing material recyclable.
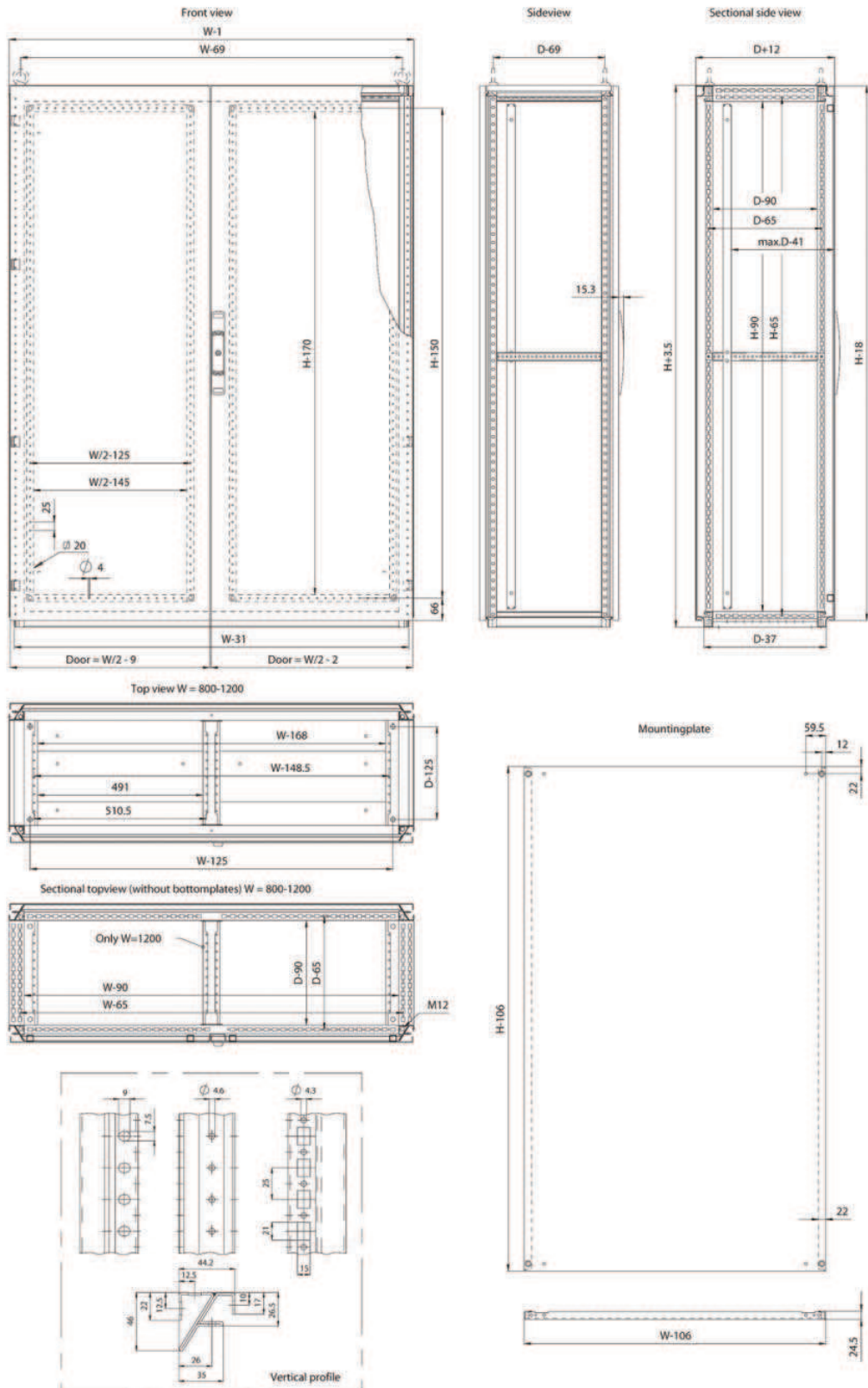
MCD, IP 55/NEMA 12, 13, IK10

With mounting plate

Enclosure dimension			Mounting plate dimension								
H	W	D	h	w	d	W (c)	D (c)	Door H	Door W	Weight	Part No.
1800	1200	500	1694	1094	459	1032	410	1630	455	178	MCD18125R5
2000	1200	400	1894	1094	359	1032	310	1830	455	185	MCD20124R5
		500	1894	1094	459	1032	410	1830	455	190	MCD20125R5
		600	1894	1094	559	1032	510	1830	455	195	MCD20126R5
		800	1894	1094	759	1032	710	1830	455	205	MCD20128R5
2200	1200	600	2094	1094	559	1032	710	2030	455	214	MCD22126R5

Standard delivery ready for combined installation. For stand-alone installation add side panels.

Dimensions

Front view

W-1
W-69

H-170
H-150

W/2-125
W/2-145

25
Ø 20
Ø 4

W-31
66

Door = W/2 - 9   Door = W/2 - 2

Sideview

D-69

15.3

H+3.5

Sectional side view

D+12

D-90
D-65
max.D-41

H-90
H-65

H-18

D-37

Top view W = 800-1200

W-168
W-148.5
491
510.5

D-125

W-125

Sectional topview (without bottomplates) W = 800-1200

Only W=1200
W-90
W-65

D-90
D-65

M12

Vertical profile

9   Ø 4.6   Ø 4.3

25
21

44.2
19

12.5
10
17
26.5
22
12.5
46
26
35

Mountingplate

59.5
12
22

H-106

22

W-106

24.5

Floor Standing Multi-Flex accessories

SPM, Side panels

Description: Easy one man assembly. Sealed by an extruded, one piece polyurethane gasket and mounted with 8 screws. Can be replaced by the side door DS.
Material 1.5 mm steel plate.
Finish: Structure powder paint, RAL 7035.
Protection: IP 56/NEMA 4, 12, 13.
Pack. quantity: 2 panels with mounting material.

H	D	Part No.
1800	400	SPM1804R5
	500	SPM1805R5
	600	SPM1806R5
2000	400	SPM2004R5
	500	SPM2005R5
	600	SPM2006R5
	800	SPM2008R5
2200	600	SPM2206R5
	800	SPM2208R5

PF, Plinths, front/rear

Description: Front and rear plinth sections. For cabling without any restrictions and in accordance with the VDE 0113 standard. The plinth consists of four corner pieces with removable front covers. The side panels PS are to be ordered separately. Produced in 100 mm and 200 mm heights. 200 mm high plinths are delivered with a rear cover for cabling that consists of two removable panels 100 mm high. The front cover is a one piece panel of 200 mm high. All panels have double returns on each panel for added strength.
Material: Corner pieces in 2 mm zinc plated steel, panels in 1.5 mm steel plate.
Finish: Structure powder paint, RAL7022.
Pack. quantity: 1 set of 4 corner pieces including covers. 1 front and 1 rear panel (2 rear panels for 200 mm, high plinths) with mounting material. Mounting material for side panels and transversal profiles is also included in this package.

H	W	Part No.
100	600	PF1060
	800	PF1080
	1000	PF1100
	1200	PF1120

Add the side panels PS for a complete plinth or when combining enclosures add transversal panels PT for cable duct support and added rigidity.

PS, Plinth side panels

Description: Side panels to cover the openings in the depth of the PF plinth. Double folded panels for maximum strength.
Material: 1.5 mm steel plate.
Finish: Structure powder paint, RAL7022.
Pack. quantity: 2 panels. Mounting material included with PF.

H	D	Part No.
100	400	PS1040
	500	PS1050
	600	PS1060
	800	PS1080

D, Plain doors

DGC, Glazed door

Description: Standard door equipped with DIN 3 mm lock system and door frame. Door accessory kit DMK (hinges, rod catches) to be ordered separately. Allows all the options of the locking programme and 180º hinges.
Maximum load: 800N
Material: 2 mm steel plate.
Finish: Structure powder paint RAL 7035.
Pack. quantity: 1 piece

Description: Standard door with fitted clear safety glass to view the inside of the enclosure. Equipped with DIN 3 mm lock system and door frame. Allows all options of the locking programme. Use hinge kit DMK if not for replacement of standard door.
Material: Frame: 2 mm steel plate. Viewing area: 4 mm clear safety glass.
Finish: Structure powder paint. RAL 7035.
Protection: IP55/NEMA12, IK10
Pack. quantity: 1 piece

H	W	Part No.
1800	600	D1806R5
	800	D1808R5
	1000	D1810R5
2000	600	D2006R5
	800	D2008R5
	1000	D2010R5
2200	600	D2206R5
	800	D2208R5
1800	600	D1812LR5
	600	D1812RR5
2000	600	D2012LR5
	600	D2012RR5
2200	600	D2212LR5
	600	D2212RR5

If no door was fitted previously use hinge kit DMK01 or DMK02..

H	W	h	w	Part No.
1800	600	1576	415	DGC1806R5
	800	1576	615	DGC1808R5
2000	600	1776	415	DGC2006R5
	800	1776	615	DGC2008R5
2200	600	1976	415	DGC2206R5
	800	1976	615	DGC2208R5

If no door was fitted previously use hinge kit DMK01.

Floor Standing Multi-Flex accessories

DHN, Door hinges 180°

Description: Adjustable door hinges which allows the door to open 180 degrees, even when enclosures are bayed together.
Material: Die-cast alloy
Finish: Structured blue
Pack. quantity: 4 hinges with mounting material.

	Part No.
	DHN180

DMK, Door mounting kit

Description: Required when fitting a door. Only needed when there was no door mounted previously, for example when replacing a back panel for a door.
Pack. quantity: 4 standard hinges. 4 rod catches and mounting material.

Description	Part No.
for single door enclosures	DMK01
for double door enclosures	DMK02

DRA, Document pocket

Description: Self adhesive, for DIN A4.
Usable depth: 30 mm
Material: Thermoplastic
Colour: Grey, RAL 7035.
Pack. quantity: 1 Document pocket with double sided tape

	Part No.
	DRA04

DSTP, Door stop

Description: To lock an open door in position. Mounted directly to the doorframe and into the enclosure profile thereby the full mounting area of the frame is kept free.
Material: Zinc plated steel.
Pack. quantity: 1 piece with mounting material.

	Part No.
	DSTP01

DSW, Door switch

Description: Activates any electrical device (lighting, coolers, etc.). Can be fitted after installing the enclosure thereby keeping the door opening free. Fixed (without screws) on the inside hole pattern of the enclosure frame. Cable entry M 20.
Switch capacity: 6A-230V
Approvals: UL, CSA
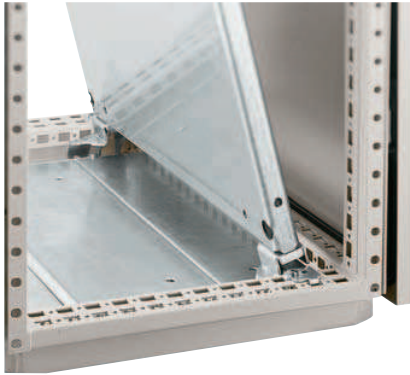**Pack. quantity:** 1 piece with mounting material.

	Part No.
	DSW01

Use door switch lead DSWC for easy connection.

MP, Mounting plates

Description: Standard mounting plate. Fixing bracket kit MPA 06 to be ordered separately. Can also be mounted in the side of an enclosure by using bracket kit MPS or slide in from the side by using the sliding profile MTS. For heavy loads in vibrating environments use mounting plate reinforcement profile MPR and MPE or MPEF brackets.
Maximum load: 6000N
Material: 3 mm galvanised steel.
Note: 500 mm deep mounting plates for side mounting available on request.
Pack. quantity: 1 piece

H	W	h	w	Part No.
1800	500	1694	394	MP1805
	600	1694	494	MP1806
1800	800	1694	694	MP1808
	1000	1694	894	MP1810
2000	600	1894	494	MP2006
	800	1894	694	MP2008
	1000	1894	894	MP2010
	1200	1894	1094	MP2012
2200	600	2094	494	MP2206
	800	2094	694	MP2208
	1200	2094	1094	MP2212

Use MPA (MF), UMB (KSS, CSS) for mounting the MP inside the enclosure.

MPF, Filler plates

Description: Covers the space between pairs of adjacent mounting plates to provide a continuous working surface, when two enclosures are mounted together.
Material: 2 mm zinc plated steel.
Pack. quantity: 1 plate with mounting material.

H	Part No.
1800	MPF1800
2000	MPF2000
2200	MPF2200

MPA, Mounting brackets non metallic mounting plate

Description: Equal to the top mounting brackets of the mounting plate. To fix profiles and plates, e.g. a wooden mounting plate, in the enclosure. Adjustable in depth in steps of 25 mm.
Material: Zinc plated steel.
Pack. quantity: 2 sets top brackets with mounting material.

	Part No.
	MPA04

MPD, Mounting plate adjustment brackets

Description: With these brackets the mounting plate can be adjusted in depth by steps of 25 mm in the enclosure frame.
Material: 3 mm zinc plated steel.
Pack. quantity: 2 brackets with mounting material.

	Part No.
	MPD02

Floor Standing Multi-Flex accessories

CLPK, Click-in profile

Description: Universal profile for both depth and width fitting on the 25 mm DIN hole pattern of the enclosure frame or in combination with the VB profiles. The 75 mm wide profile is equipped with three rows of holes of which one is turned 90 degrees. This makes it possible to mount the CLPF profiles in both directions. The CLPK can be secured by the use of self tapping screws.
Material: 1.5 mm zinc plated steel.
Pack. quantity: 4 profiles

For enclosure	
W/D	**Part No.**
400	CLPK400
500	CLPK500
600	CLPK600
800	CLPK800
1000	CLPK1000
1200	CLPK1200

Add CLPF profiles for almost unlimited mounting options.

CNM, Cage nuts

Description: Cage nuts M 6 designed for universal use on the enclosure frame profiles and the profile system.
Pack. quantity: 50 pieces

Thread	Description	Part No.
M6	for 1,6 mm	CNM615
M8	for 1,6 mm	CNM815

CNT, Extrudetite screws

Description: Torx extrudetite screws for fitting accessories, click in profiles, earthing etc.
Pack. quantity: 250 pieces

Thread	Part No.
M5	CNT05
M6	CNT06

CLPF, Mounting profile

Description: The CLPF profile system is a 40 mm wide and 25 mm high profile, which can be mounted in all directions in the enclosure frame. It can also be used in combination with the CLPK and the VB profiles. By turning the profile it can be used as a standard CP20/40 profile in combination with GLM 40/6 sliding nut, to mount installation material which needs adjusting in depth. The profiles, when mounted onto the enclosure frame are flush with the enclosure profiles. Two rows of hole patterns for cage nut fixing and self tapping screws are provided. For 90 mm wide profiles two profiles can be mounted next to each other.
Material: Zinc plated steel.
Pack. quantity: 4 profiles including fixing material.

For enclosure		
H/W	**W/D**	**Part No.**
400	400	CLPF400
600	600	CLPF600
800	800	CLPF800
1000	1000	CLPF1000
1800		CLPF1800
2000		CLPF2000
2200		CLPF2200

CNS, Screws for clip-on cage nuts

Description: Socket head screws M6x12 for clip-on cage nuts.
Pack. quantity: 250 pieces

Thread	Part No.
M6	CNS612

CCE, External baying brackets

Description: Brackets mounted on the outside hole pattern of the frame ensuring a strong and 3 dimensional alignment of the bayed enclosures with "auto spacer" function. This method of baying enclosures has also the advantage of realising a direct earthing connection between the enclosure frames.
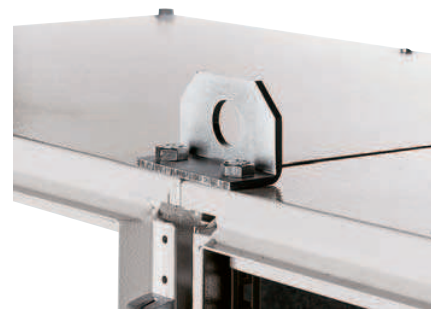**Material:** 3 mm zinc plated steel.
Pack. quantity: 6 brackets with mounting material.

	Part No.
	CCE06

CCI, Internal baying brackets

Description: Brackets provide a rigid reinforcement of the enclosure assembly. Automatic spacing between the enclosures is assured.
Material: 3 mm zinc plated steel.
Pack. quantity: 6 brackets with mounting material.

	Part No.
	CCI06

CCM, Internal corner baying kit

Description: For extra support when bayed enclosures are fully equipped and require lifting. Can be used together with SPD separation plates.
Material: 3 mm zinc plated steel.
Pack. quantity: 4 brackets with mounting material.

	Part No.
	CCM04

LC, Lifting device

Description: For optimal weight distribution when lifting bayed enclosures. To be used in combination with CCM bracket.
Material: 5 mm zinc plated steel.
Pack. quantity: 4 pieces with mounting material.

	Part No.
	LC12

LE, Lifting eye bolts

Description: M12 thread. Mounts directly to the frame corner pieces of the enclosure. Complies with DIN 580 lifting requirements.
Maximum load: 3400N per lifting eye with max angle of 45°. Please follow Eldon lifting instructions.
Pack. quantity: 2 pieces

Description	Part No.
Lifting eye zinc plated	LE9301

Floor standing accessories, Lighting

LSC, Swing handle lock cover

Description: Swinghandle for LSSI range inserts. Also available with extra padlock facility (LSC503)
Pack. quantity: 1 swinghandle

	Part No.
	LSC501
	LSC503

Add LSSI inserts for complete lock.

LSSI, Profile half cylinder locks

LSSI532   LSSI536

LSSI521

Description: Profile half cylinder inserts.To be used in the swinghandles LSC401 / LSC501. Also fits the doors for the ElRack range with swing handle: EDPA, EDGA, EDVA and all outlaying doors.
Pack. quantity: 1 piece

Description	Part No.
Profile half cylinder Ronis key C2123	LSSI521
DIN 3mm	LSSI528
Push button with round cylinder, key N°C2233.	LSSI532
Push button only	LSSI536

*   *Other key numbers available on request.*

LTL, Enclosure light

Description: Fluorescent lamp equipped with switch electronic starter integrated socket and a protection cap. A male GST 18/3 connector is provided for connection to the power on one side and by a pass-through circuit to a female connector allows a further connection on the other side. An additional connector ST 17/2 allows the activation of the lamp by a doorswitch.
Power: Standard socket:120/230 V/ 50/60Hz / 16A Schuko. Other country specific sockets available on request.
Pack. quantity: 1 piece with tube and fixing devices.

H	W	D	Watt	Volt VAC	Frequency	Part No.
38	400	97	14W	230	50 Hz	LTL1425
	630	97	18W	230	50 Hz	LTL1825

COF, Female connectors

Pack. quantity: Pack of 5 female GST 18/3 connectors.

	Part No.
	COF05