

# **masibus**<sup>®</sup>

*Advanced Automation - Sure Solutions*

## 85XX<sup>+</sup>

*Advanced Scanner cum Protection Relay cum Data Logger cum RTU*



MASIBUS AUTOMATION AND INSTRUMENTATION PVT. LTD.

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# WHY CHOOSE 85XX<sup>+</sup>!

## MASIBUS SCANNER COMPARISON CHART

SPECIFICATION / FEATURE		NEW 85XX <sup>+</sup>	OLD 85XX
Two colour LED Display		✓	✗
Engineering Unit Display		✓	✗
Relay status LED		✓	✗
Analog Input	Thermocouple	E, J, K, T, B, R, S, N	E, J, K, T, B, R, S
	RTD (3 wire)	PT100, CU53, NI120	PT100, CU53, PT46
	Voltage	0/1-5V, -10 to 20 mV DC, 0 - 100 mV DC, 0 - 10 V DC	0/1-5V
	Current	0/4-20mA	0/4-20mA
Sqrt function per channel		✓	✗
Digital Input Option		✓	✗
Input Measurement Accuracy		0.1%	± 0.1% ± 1 count
Sampling Rate	T/C & Voltage/Current	50mSec/Channel	250mSec/Channel
	RTD	100mSec/Channel	450mSec/Channel
	ADC	1 ADC/Mux card	1 ADC/Unit
	Scan time (24 ch.)	< 1 Sec	< 12 Secs
Power Consumption		16VA Max (for AC supply)	20VA Max (for AC supply)
Dimension in mm (H X W X D)		144 X 72 X 210 Compact - Saves Panel space	192 X 96 X 250
Enclosure Material		Rugged Extruded Aluminum	Powder coated mild steel
Enclosure Protection Standard		IP20 (Overall), IP55 (Front Facia)	IP20 (Overall)
Operating temperature		-10 °C to 55 °C	0 °C to 55 °C
Prefab cable (Saves wiring Cost & Time)		✓	✗
Field Interface Board Option		✓	✗
RS485 option		2 ports	1 port
Ethernet option		✓ Aong with Std 1 no RS485 port	In lieu of RS485 port
Profibus option		✓ Aong with Std 1 no RS485 port	In lieu of RS485 port
USB port (For fetching data)		✓	✗
Data Logging		✓	✗
Analog Output (Isolated)		8 nos o/p max	4 nos o/p max
Relay output		8 Relays per card	6 Relays per card
Setpoints		3/channel (1 control + 2 Alarm)	2/channel (2 Alarm)
Relay/OC mapping		Full Flexibility	Limited Flexibility
Embedded Hardware System		Based on 32-bit Controller	Based on 8-bit Controller
Remote Embedded Software upgrade		✓	✗
CE compliance option		✓	✗

Information is for comparison purpose only. For more Information please request for product catalogues

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