



Shutdown Controller

Beetrans-Max-M

Description

Achieve module-level monitoring and rapid shutdown functionality by collecting data vi a HPLC or sending shutdown/upgrade commands to HPLC optimizers.

Beetrans-Max-M can be equipped with 4 pairs of magnetic rings and supports up to 20 strings of up to 500 Optimizers.

Pressing the red “Emergency Button” or disconnecting AC power to the Beetrans-Max-M will shut off the output of each Optimizer.

Functions & Features

- Module-level rapid shutdown within 1 seconds.
- Complied with NEC 2017&2020 690.12 requirements and UL1741/UL3741 regulations
- HPLC communication with Optimizers for rapid shutdown function
- Advanced crosstalk prevention solution
- Easy to install and operate

Model	Beetrans-Max-M
Specification	
Maximum No. of Core equiped	4pairs
Maximum String Voltage	1500 V
Maximum Controlled Optimizer Count	500
Communication method	HPLC
Access to Internet	LAN /WiFi/4G
Application	
Working temperature range	-25～+65 ℃
Relative Humidity range	0～100%
Ingress Protection	NEMA Type3R / IP65
Maximum Supported Cable Length	300 m
Certification	
Regulations	NEC 2017&2020 690.12
CE	NEC2017/2020 690.12B
ETL	UL1741 / UL3741
RoHS	CSA C22.2 No.330
Structure	
Size	220x210x66 mm (excluding cable length)
Weight	860 g
Power Supply Parameters	100-240 VAC
Magnetic Ring Parameters	
Inside diameter / Outside diameter	29mm / 65mm
Maximum current per ring	160A
Maximum Supported String Count per Ring	⩽5

CE RoHS REACH