



Shutdown Controller

Beetrans–Max

Description

As part of GNE rapid shutdown solution, the shutdown controller Beetrans–Max is designed to work with GNE RSD for module–level shutdown.

Beetra ns–Max continuously sends turn–on signals to GNE RSD to activate normal power output.

Beetrans–Max can be equipped with 4 magnetic rings and supports up to 8 strings of each.

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

Functions & Features

- Module–level rapid shutdown within 1 second
- Complied with NEC 2017&2020 690.12 requirements and UL1741/UL3741 regulations
- PLC communication with RSD for rapid shutdown function
- Advanced crosstalk prevention solution
- Easy to install and operate

Model	Beetrans–Max
Specification	
Maximum No. of Core equiped	4 pairs
Maximum String Voltage	1500 V
Communication method	PLC
Access to Internet	LAN /WiFi/4G
Application	
Working temperature range	–25～+65 ℃
Relative Humidity range	0～100%
Ingress Protection	NEMA Type3R / IP65
Communication distance	300 m
Certification	
Regulations	NEC 2017&2020 690.12
CE	IEC/EN 62109–1:2010a
ETL	UL1741 / UL3741
RoHS	2011/62EU 2015/863EU
Structure	
Size	220x210x66 mm (excluding cable length)
Weight	840 g
Power Supply Parameters	100–240VAC
Magnetic Ring Parameters	
Inside diameter / Outside diameter	29mm / 65mm
Maximum current per ring	160A
Maximum Supported String Count per Ring	8

CE RoHS ETL