

Key Features

- Built-in DC lightning protection
- Complete fault protection & Fault alarm functions
- Integrated communication ports and interfaces such as dry contacts and RS 485 for remote monitoring and management
- Tenant-wise energy statistics and reports
- Frontal accessibility for easy repairs and maintenance

Application

- New base station/equipment room
- Rebuilding base station/equipment room
- Multi-user base station/equipment room

Description

The PDU series is designed to meet the needs of power distribution units of telecom access sites. It comes with an integrated controller that enables customer to read tenant-wise energy statistics as well as to extend the remote monitoring access. It is flexible enough to mount in the different cabinets.



PDU48/125DF-S2



PDU48/300DUI-S1/S2/S3



PDU48/300DUI-S4/S5

Technical Specifications

Model	PDU48/125DF-S2	PDU48/300DUI-S1/S2	PDU48/300DUI-S3	PDU48/300DUI-S4/S5	PDU48/300DF		
					S1	S2	S3
System Capacity	125 A	300 A	300 A	300 A	300 A		
Monitoring	No	SM DCU	SM DCU	SM DCU	No		
Output Distribution	25 A x 8 MCB	LLVD: 63 A x 5 (MCB) BLVD: 63 A x 2 (MCB) 16A x 4 MCB 10A x 4 MCB	LLVD: 32 A x 12 (MCB) 6 A x 1 (MCB) BLVD: 16 A x 4 (MCB) 10 A x 2 (MCB)	User 1,2 - LLVD: 160 A x 2 (FUSE) BLVD: 100 A x 2 (FUSE) User 3 - LLVD: 63 A x 1 (MCB) 34 A x 1 (MCB) BLVD: 16 A x 2 (MCB)	Hydraulic MCB: 40 A x 9	Hydraulic MCB: 40 A x 4, 30 A x 4	Hydraulic MCB: 40 A x 9
Power off function	No	S1: Power off function is triggered by main controller S2: With load contactor, battery power off function is triggered by main controller	S3: Power off function is triggered by main controller	S4: Power off function is triggered by main controller S5: With load contactor, battery power off function is triggered by main controller	No		
Dimensions (mm) (W x D x H)	482.6 x 100 x 43.4	482.6 x 133 x 132		482.6 x 133 x 250	440 x 165 x 43.4		
Weight	Approx. 2 kg	Approx. 9 kg		Approx. 13 kg	Approx. 3 kg		

Technical Parameters	Description
Operating temperature	- 5 °C to + 40 °C
Storage temperature	- 40 °C to + 70 °C
Relative humidity	≤ 95% RH
Altitude	≤ 2000 m (derating above 2000 m)
Input/output voltage	-40 Vdc to -60 Vdc
Nominal voltage	48 Vdc
Other	Free from conductive dust, corrosive gas, and explosion