

PR-DCDU-8XX-A2

DC Power Distribution Unit

PROSE

- 19 inch 1U rack installation
- 1 input with two parallel ports and 8 outputs
- With circuit breaker, can disconnect the circuit when fault or overload happens
- Easy connection for input and output wiring
- Insulation of output connectors
- Large current discharge capability and low residual voltage
- Each circuit breaker with a status alarm indicating window
- With overvoltage and lightning protection by SPD
- SPD and input connection alarm indicator light
- With SPD remote alarm

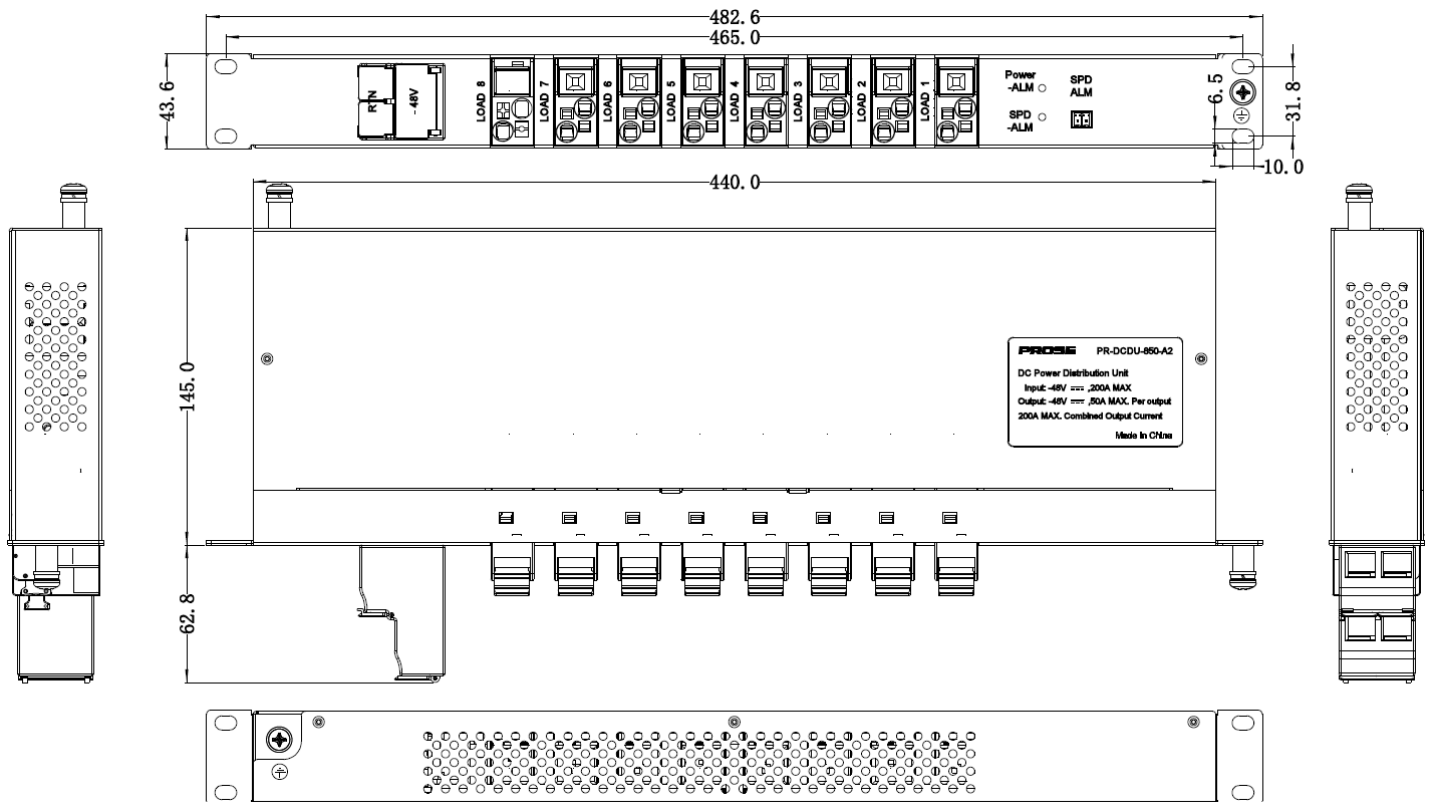


Photo for reference

Part number

PR-DCDU-8XX-A2	DC Power Distribution Unit, total 2 parallel inputs & 8 outputs
* XX indicate the model of circuit breaker for output: 30-30A, 40-40A, 50-50A	

Electrical parameters

No	Description	Technical specification
1	Nominal Operating Voltage Uo	-48V
2	Maximum Continuous Operating Voltage Uc	-65V
3	Frequency	0Hz

4	Protection modes	-48V—RTN,-48V—PE,RTN—PE
5	Nominal discharging current In (8/20us waveform)	-48V—RTN:10kA; -48V—PE:10kA; RTN—PE: 20kA
6	Maximum discharging current Imax (8/20μs waveform)	-48V—RTN:15kA; -48V—PE:15kA; RTN—PE: 20kA
7	Rated load current IR	200 A
8	Voltage protection level Up	-48V—RTN≤400V
9	Connection	In serial connection
10	Nominal load current IR	1 Input with two parallel ports Each port is 125A , total input current is 200A
11	Rated current of circuit breaker	PR-DCDU-830-A2: 8x30A PR-DCDU-840-A2: 8x40A PR-DCDU-850-A2: 8x50A
12	SPD fault alarm indicator light	Off: normal , On (Red): fault
13	Input polarity wrong connection alarm	Off: correct connection , On (Red): wrong connection
14	Remote alarming connectors	Closed: normal , Open : fault
15	Wiring	Input: Pressed frame crimp connectors Output: Spring crimp connectors
16	Wire section area	Input: 6 ~ 35mm ² Output: 2.5 ~ 16mm ² Remote signal alarming:0.5 ~ 2mm ²
17	Grounding	M6 grounding cap nut connectors on the front panel, M6 bolts for connection

Label & silk-screen

Warning label



Installation guide label



Silk-screen

PROSE PR-DCDU-850-A2

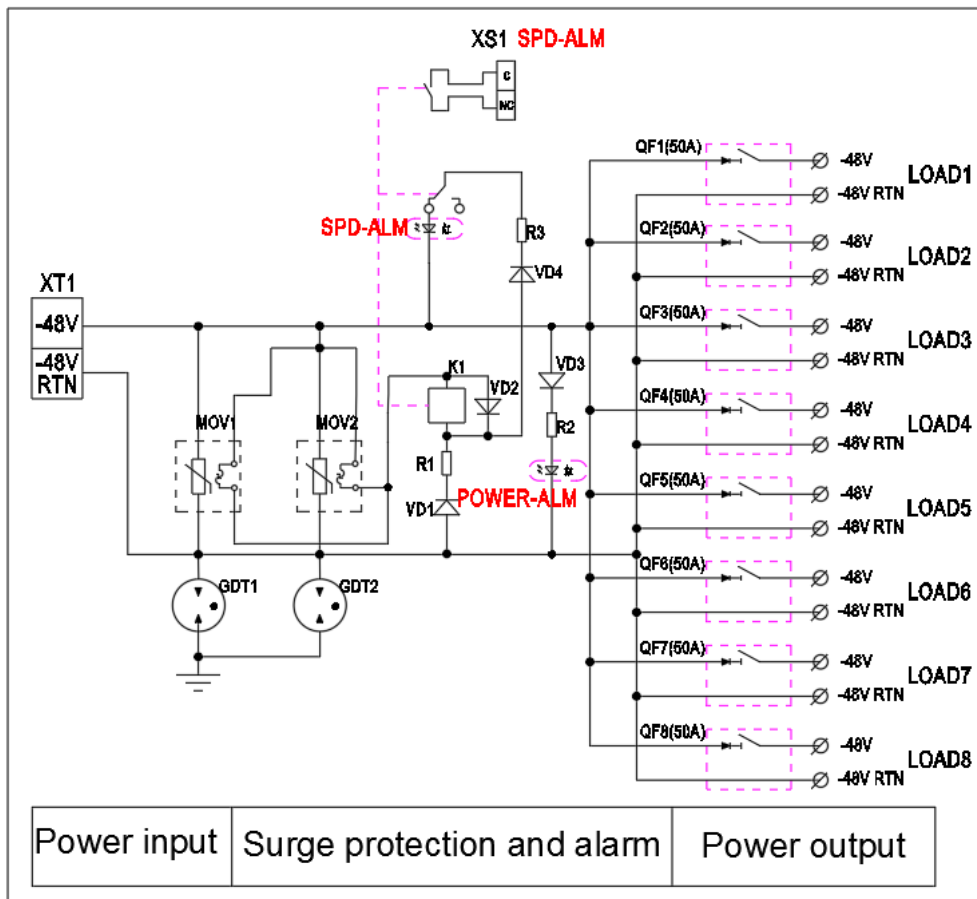
DC Power Distribution Unit

Input: -48V $\equiv$,200A MAX

Output: -48V $\equiv$,50A MAX. Per output
200A MAX. Combined Output Current

Made In China

Electrical diagram



Material

- 1) The enclosure is made of high quality cold rolled steel plate Q235, powder coating black
- 2) Markings printed on the surface, color white

Environment

Working temperature	-20℃ to +55℃
Storage temperature	-40℃ to +70℃
Relative Humidity	10% ~ 95%
Atmosphere pressure	70kPa ~ 106kPa
RoHS	Compliant

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