

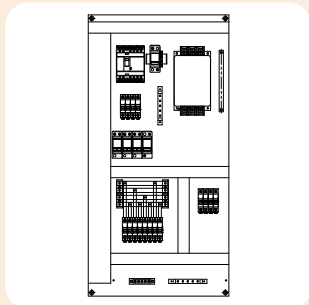
POWER QUALITY PANEL

Electricity quality protection panel

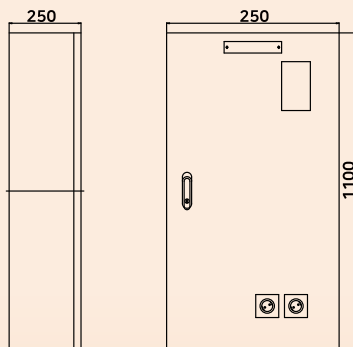
PQP-T380-50



Inside PQP



Diagram



Ordering Code

PQP-□□□-□□□-□□□-□□□
A B C D

A : Rated voltage	B : Max. Load current
T380	50 : 50A
T440	100 : 100A
	150 : 150A
C : Iimp (10/350)	D : I _{max} (8/20)
12 : 12.5kA	80 : 80kA
25 : 25kA	160 : 160kA

Characteristic

Systems and equipment such as the computer room, general command center, signal machine room, and DCS must maintain their functions stably 24 hours a day, 365 days a year. Therefore, power equipment must be highly reliable, and power supply is required to take into account the deterioration in electricity quality caused by surge and lightning energy flowing in from the outside.

PQP has built-in surge protectors Class I, II and noise filters to protect equipment from surges flowing into the power system and remove noise that degrades electricity quality, allowing stable power supply to equipment.

Breakers for each load are individually installed at the output terminal, so that even in the event of a short circuit or ground fault, it is isolated so that it does not affect other loads in the PQP panel. Separated from the internal output terminal, a sealed power outlet is installed on the outside for easier connection by users. Therefore, installing PQP at the power inlet of a data center can fundamentally prevent damage such as malfunction or damage to digital equipment that is sensitive to power quality.

Data sheet

Item #		PQP-T380-50	PQP-T380-100	PQP-T380-150
Electric features				
Nominal system voltage	Uo	380V ~ 440V AC, 50/60Hz		
Maximum load current	IL	50A	100A	150A
Impulse current (10/350μs)	Iimp	12.5kA	25kA	
Maximum discharge current (8/20μs)	Imax	80kA	160kA	
Voltage protection level 12.5 / 50kA (8/20μs)	Up	<1.3kV	<1.2kV	
Voltage protection level 40 / 80kA (8/20μs)	Up	< 1.5kV		
Operation time	tA	< 25ns		
Noise reduction				
Common mode (0,1 ~ 1MHz)		min. 20dB		min. 30dB
Common mode (1 ~ 30MHz)		min. 30dB		min. 40dB
Normal mode (0,1 ~ 30 MHz)		min. 40dB		min. 40dB
Mechanical features				
Temperature range		-40℃~+80℃		
Enclosure material		Steel		
Installation		Wall mount		
Dimension (W x H x D)		600 x 1100 x 250 mm		

Internal configuration

