



Surge Isolation Transformer "SIT"



PROTECTOR DEVICE FOR POWER SUPPLY





Integrates the power supply connection **Board** and



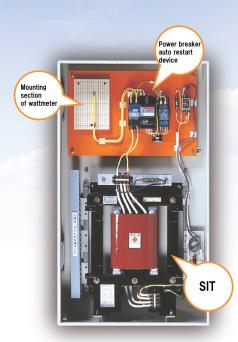


SIT Board to save space, construction work, and cost.









Advantage

Pull-in method by protector device for power supply

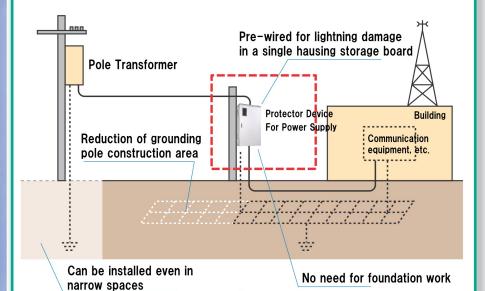
Good Point

Single housing allows for lower cost of equipment

No need for wiring work between the power supply connection board and the SIT board

No foundation work required for installation

Installation is possible even on a small site area. Reduction of grounding pole construction area



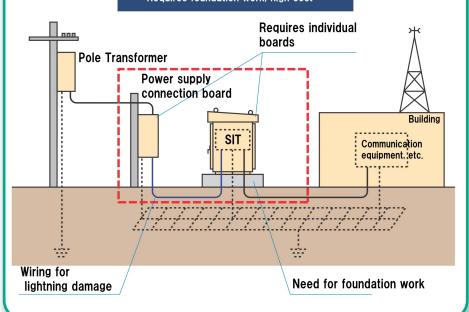
Conventional pull-in method

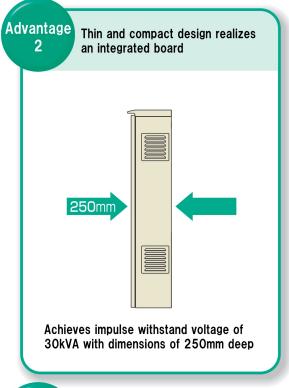
Bad Point

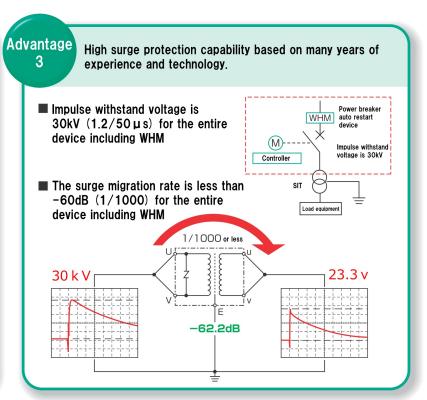
High cost due to the need for each the power supply connection board and the SIT board

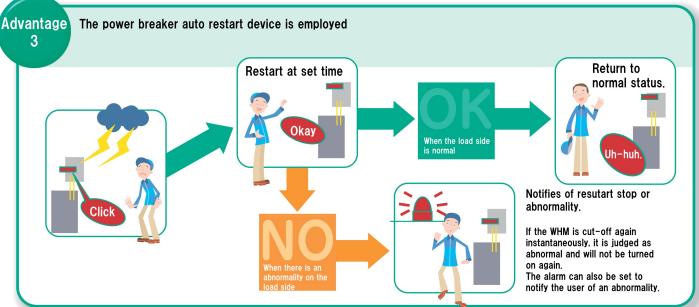
Wiring must take lightning damage into account

Requires foundation work, high cost

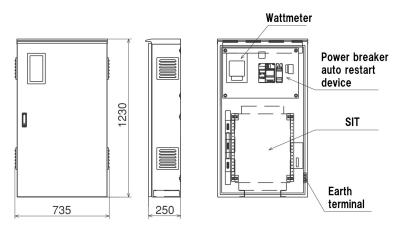












Main Specifications

Overall equipment specifications			
Number of phase		Single-phase	
Phase and connection (Voltage)		1ϕ 2W(200V), 1ϕ 3W(200/100V)	
Insulation	Between Input - output / earth	1 OkV 1 minute	
strength	Between Output - earth	3kV 1 minute	
Lightning impulse withstand voltage	Between Input - output / earth	30kV (1.2/50μs)	
	Between Output - earth	10kV (1.2/50μs)	
Surge transfer rate		-60dB (1/1000) or less. (common mode)	
Usage environment	Temperature	-10~40°C However, there must be no freezing.	
	Humidity	85% or less. However, no dew condensation shall occur.	

SIT specifications				
Number of phase	Single-phase			
Primary voltage	1φ2W 200V (100V) serial-parallel conversion	(200/100V ^{Three-wire type}		
Secondary voltage	1φ2W 200V (100V) serial-parallel conversion	(200/100VThree-wire type can be manufactured)		
Rated capacity	5kVA or less			
Insulation class	F			

^{*} Production in excess of 5 kVA is also possible.





Safety Precautions

To ensure safe use of the products described in this catalog, be sure to read the instruction manual before installation, operation, maintenance, and inspection.

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For further information, please contact us.

^{*}Please note that the appearance of the listed products is subject to change without notice due to improvements or other reasons.

^{*}The color of the product may differ slightly from the actual product due to printing conditions.