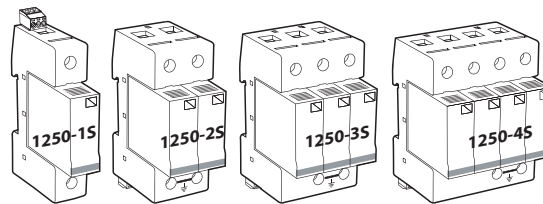


ATTENTION!

- Installation must be performed only by a properly trained operator or an electrician.
- National electrical installation rules must be followed.
- The unit must be used only as a surge protector and according to the conditions described in this document.
- Surge protectors must be selected in relation to a dedicated AC network (see Technical Data).
- Dedicated fuses must be installed in the surge protector branch (see Standard Wiring).
- In the case of a red indicator, the surge protector must be replaced.

Technical Data



Specification	Model									
	1250-2S-120	1250-3S-120	1250-4S-120	1250-2S-230	1250-3S-230	1250-4S-230	1250-2S-400 (2)	1250-3S-400 (2)	1250-4S-400 (2)	1250-3S-480 (2)
AC Network	120 Vac L+N	208 Vac 3L	120/208 Vac 3L+N	230 Vac L+N	400 Vac 3L	230/400 Vac 3L+N	230 Vac L+N	400 Vac 3L	230/400 Vac 3L+N	347/600 Vac 3L
$I_{PE}^{(1)}$	<1 mA									
$I_{SCCR}^{(1)}$	25 kA									
$I_{max}^{(1)}$	50 kA									
Protection Level	IP 20									
Operating Altitude	2000 m max. (6500 ft. max.)									
Operating Temp.	-40 to +85 °C max. (-40 to +1 °F max.)									
Indoor Use Only	X									

(1) Values per pole.

(2) For use with ungrounded transformer.

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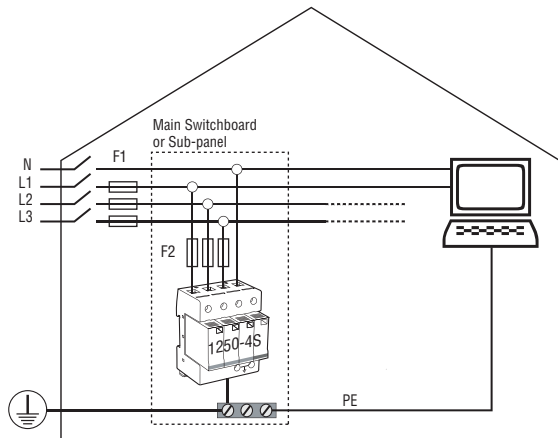
Europe: Tel: +41-41 768 5555 • Fax: +41-41 768 5510

The Americas: Tel: +1-951 781-5500 • Fax: +1-951 781-5700



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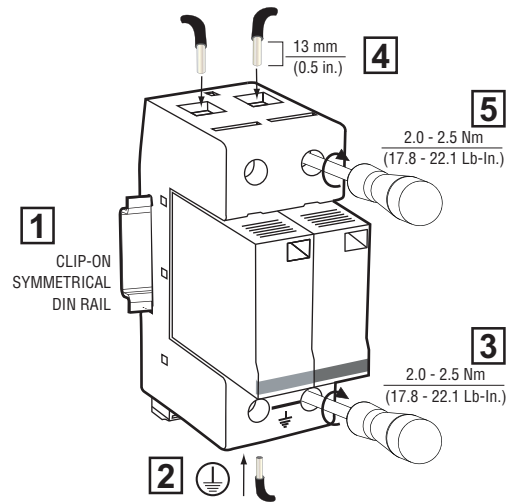
1250 Series General Duty AC Surge Protective Device INSTALLATION INSTRUCTIONS

Installation



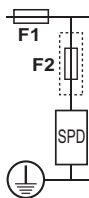
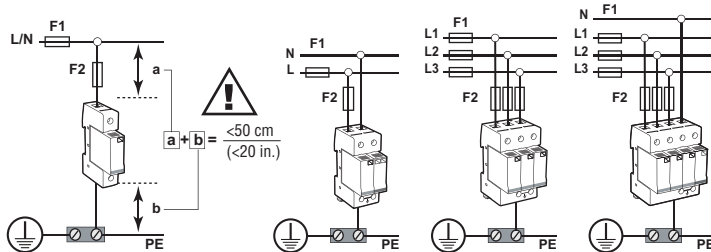
DIMENSIONS

	MIN.	MAX.	DIA.
	2.5 mm ²	35 mm ²	13 mm - 2 AWG
	2.5 mm ²	25 mm ²	13 mm - 4 AWG



Wiring

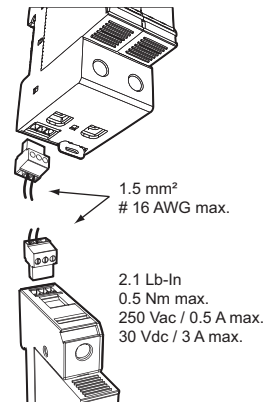
Standard Wiring



1*max.	2*recommended
F1 > 160 A	F1 > 100 A
↓	↓
F2 ≤ 160 A	F2 = 100 A
↓	↓
F1 ≤ 160 A	F1 ≤ 100 A
↓	↓
No F2	F2 < F1

* depending on national rules

Remote Contact Wiring



Remote signal for disconnection information
 11-12 Closed = SPD OK
 11-14 Open = SPD OK
 11-12 Open = SPD disconnect
 11-14 Closed = SPD disconnect

1250 Series
General Duty AC Surge Protective Device
INSTALLATION INSTRUCTIONS

Maintenance

