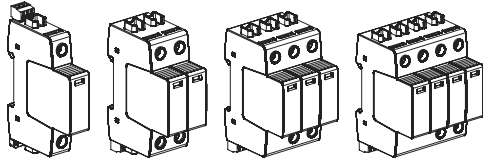


AC Surge Protective Device (SPD)

Installation Instructions

**SLP20-xxx series, SLP40-xxx series
FLP7-xxx series, FLP12,5-xxx series**



Important Notes:

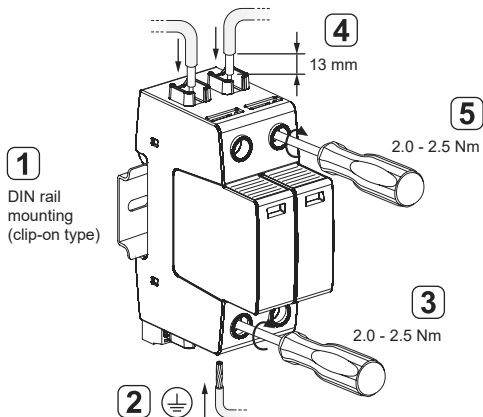
- Please read this manual carefully before installing or operating the product. If you have any questions, please contact our company.
- Unauthorized disassembly of the product is strictly prohibited to prevent instrument failure or malfunctions.

Installation

Conductor cross-section range (mm²)

Conductor function	SLP20 SLP40	FLP7 FLP12,5
Live / Neutral wire	2.5 - 35	4 - 35
Earth wire	6 - 35	
Live / Neutral wire	2.5 - 25	4 - 25
Earth wire	6 - 25	

Values based on copper conductors.



Working Conditions

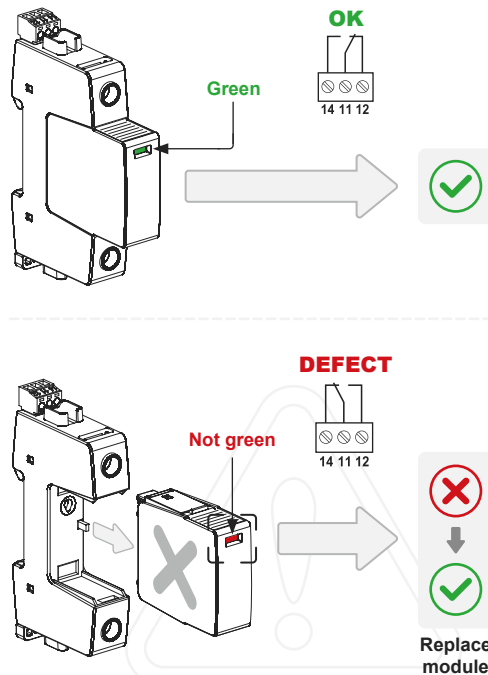
	+2000 m max. -500 m min.		+70 °C max. -40 °C min.
	IP20 (built in) Indoor use only		Humidity range 5% to 95%

Characteristics

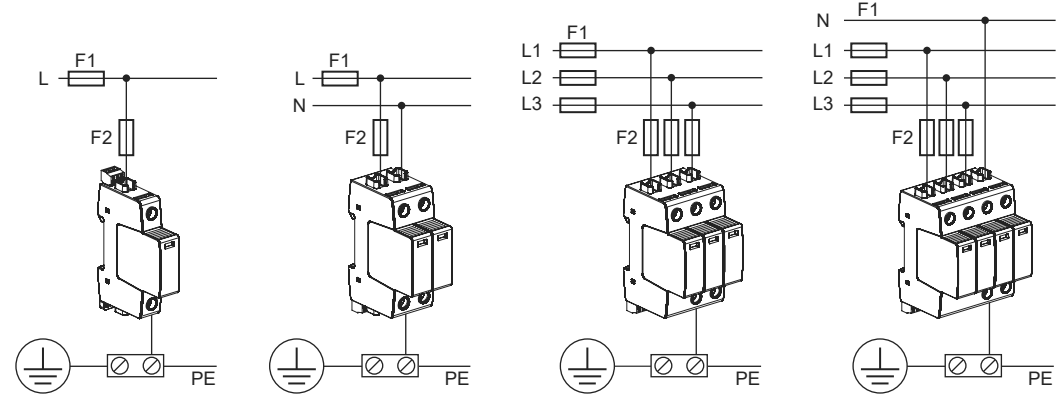
	SLP20-xxx series	SLP40-xxx series	FLP7-xxx series	FLP12,5-xxx series
I_{PE}	< 1 mA / (= 0 mA for +1 version)			
I_{SCCR}	10 kA		25 kA	
I_n	10 kA		20 kA	
I_{max}	20 kA	40 kA	50 kA	
I_{imp}			7 kA	12.5 kA

Remote signal option: e.g. SLP40-275/4(S)

Maintenance



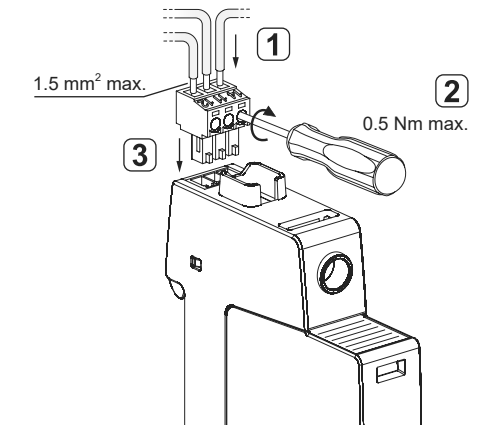
Standard Wiring



Fuse type: gG					
SLP20-xxx series		SLP40-xxx series		FLP7-xxx series FLP12,5-xxx series	
$F1 > 63 A$		$F1 > 125 A$		$F1 > 160 A$	
$\downarrow$		$\downarrow$		$\downarrow$	
$F2 = 63 A$		$F2 = 125 A$		$F2 = 160 A$	
$F1 \leq 63 A$		$F1 \leq 125 A$		$F1 \leq 160 A$	
① **	② **	① **	② **	① **	② **
$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$
$F2 \leq F1$	No F2	$F2 \leq F1$	No F2	$F2 \leq F1$	No F2

** Depending on national rules: Solution ① or ②

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

Remote contact electrical ratings

- 250 Vac / 0.5 A max.
- 30 Vdc / 3 A max.