

Power Line SPDs

SSD1H-2PG-M

45001202



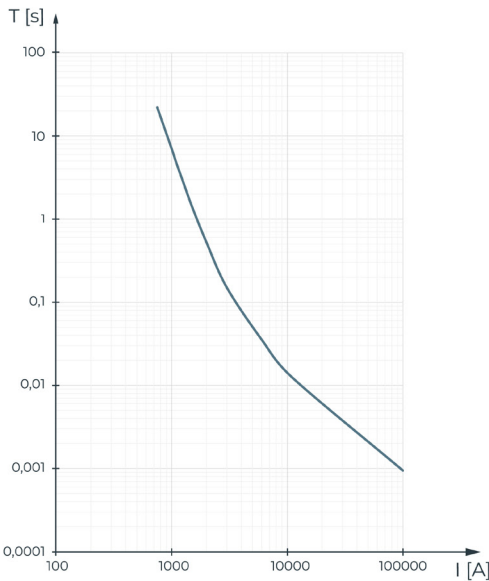
SPD Specific Disconnecter-F (SSD), Type1+2, Iimp 25 kA, 2 Poles, Ue 500Vac, Iscrr 100kA, Itrip 1100A with Microswitch

GENERAL DATA	
Internal configuration	1+1
No. Poles	2-Pole
No. DIN rail modules	2
Network configuration	TT, TN, IT
IEC SSD-F	Type 1+2
SSD Format	Cylindrical
Protection Modes	L-N, L-PE(N), N-PE
Product standards	*prIEC TS 61643-06



SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Rated operational voltage AC (50/60Hz) - Ue [V]	500
Nominal discharge current (8/20)- In [kA]	25
Lightning impulse current (10/350) - Iimp [kA]	25
Short circuit withstand- Iscrr [kA]	100
Minimum operating current - Itrip [A]	1100
SPD Maximum operating voltage AC (50/60Hz) - Uc [V]	175 / 275 / 320 / 440
Max. Let-through current per pole [kA]	27,09
Total I2t per pole [kA2s]	363,5
SPD Type	1+2



DATASHEET



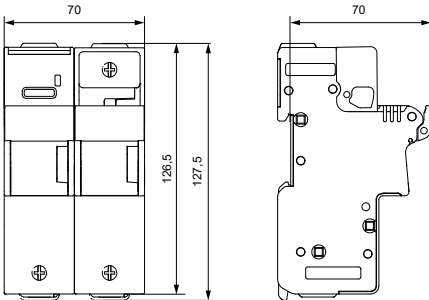
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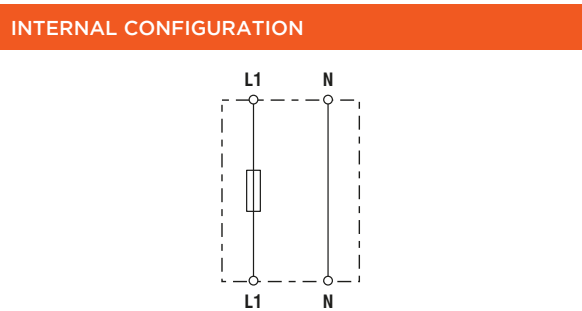
MECHANICAL AND ENVIRONMENTAL FEATURES	
Temperature range [°C]	-40 ... 80
Humidity range [%]	5 ... 95
Max. Altitude [m]	2000
Indication System Type	Red (replace) / Not Red (OK), Microswitch
Insulating material	PA6 CT1 & PA66 CT1
Enclosure - IP	IP20
Overvoltage Category	III
Pollution degree	2
Flammability class	UL94 V-0
Solid conductor cross section	1,5...50mm²
Stranded conductor cross section	1,5...35mm²
Torque rating [N m]	4
Remote indication switching capacity [V/A]	AC: 240/2.5 DC: 24/3

DIMENSIONS AND WEIGHT



Technical drawings of the SSD1H-2PG-M SPD. The left drawing shows the front view with dimensions: width 70 mm, height 126.5 mm, and mounting hole spacing 127.5 mm. The right drawing shows the side view with a width of 70 mm.

Net Weight [kg]	0.4666
Gross weight [kg]	0.51
Packaging dimensions (H x W x L) [mm]	130 × 80 × 230



Power Line SPDs

SSD1H-3P-M

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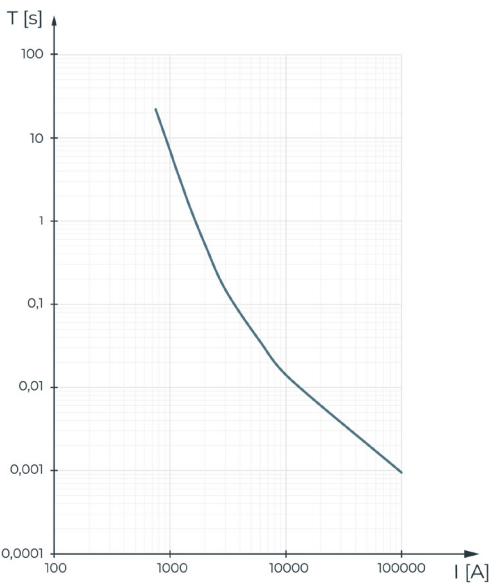
SPD Specific Disconnect-F (SSD), Type1+2, Iimp 25 kA, 3 Poles, Ue 500Vac, Isccr 100kA, Itrip 1100A with Microswitch

GENERAL DATA	
Internal configuration	3+0
No. Poles	3-Pole
No. DIN rail modules	3
Network configuration	TT, TN, IT
IEC SSD-F	Type 1+2
SSD Format	Cylindrical
Protection Modes	L-N, L-PE(N), N-PE
Product standards	*prIEC TS 61643-06



SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Rated operational voltage AC (50/60Hz) - Ue [V]	500
Nominal discharge current (8/20)- In [kA]	25
Lightning impulse current (10/350) - Iimp [kA]	25
Short circuit withstand- Isccr [kA]	100
Minimum operating current - Itrip [A]	1100
SPD Maximum operating voltage AC (50/60Hz) - Uc [V]	175 / 275 / 320 / 440
Max. Let-through current per pole [kA]	27,09
Total I2t per pole [kA2s]	363,5
SPD Type	1+2



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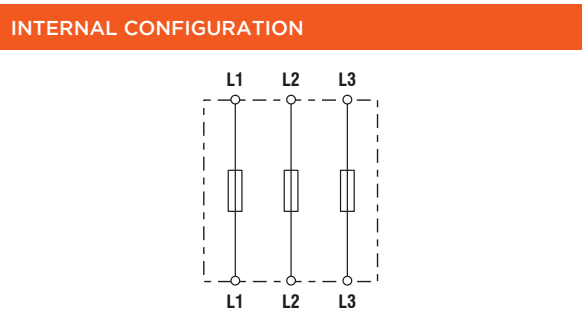


Power Line SPDs

SSD1H-3P-M

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MECHANICAL AND ENVIRONMENTAL FEATURES	
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Humidity range [%]	5 ... 95
Max. Altitude [m]	2000
Indication System Type	Red (replace) / Not Red (OK), Microswitch
Insulating material	PA6 CT1 & PA66 CT1
Enclosure - IP	IP20
Overvoltage Category	III
Pollution degree	2
Flammability class	UL94 V-0
Solid conductor cross section	1,5...50mm²
Stranded conductor cross section	1,5...35mm²
Torque rating [N m]	4
Remote indication switching capacity [V/A]	AC: 240/2.5 DC: 24/3



SSD1H-4PG-M

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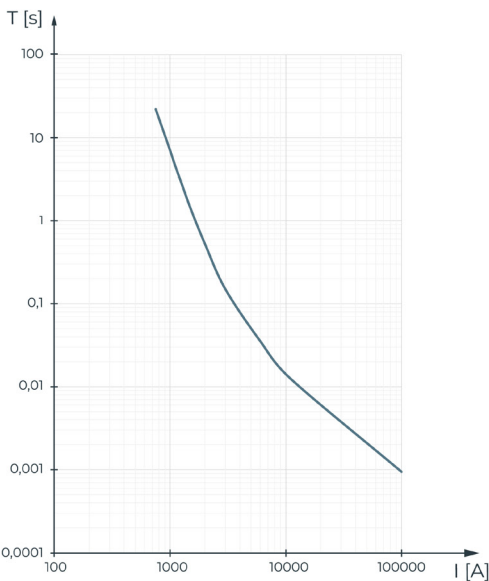
SPD Specific Disconnect-F (SSD), Type1+2, Iimp 25 kA, 4 Poles, Ue 500Vac, Iscrr 100kA, Itrip 1100A with Microswitch

GENERAL DATA	
Internal configuration	3+1
No. Poles	4-Pole
No. DIN rail modules	4
Network configuration	TT, TN, IT
IEC SSD-F	Type 1+2
SSD Format	Cylindrical
Protection Modes	L-N, L-PE(N), N-PE
Product standards	*prIEC TS 61643-06



SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

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SPD Type	1+2



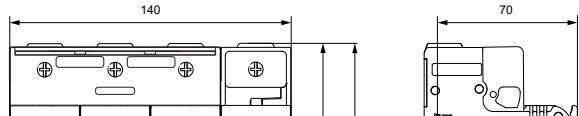
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Temperature range [°C]	-40 ... 80
Humidity range [%]	5 ... 95
Max. Altitude [m]	2000
Indication System Type	Red (replace) / Not Red (OK), Microswitch
Insulating material	PA6 CT1 & PA66 CT1
Enclosure - IP	IP20
Overvoltage Category	III
Pollution degree	2
Flammability class	UL94 V-0
Solid conductor cross section	1,5...50mm²
Stranded conductor cross section	1,5...35mm²
Torque rating [N m]	4
Remote indication switching capacity [V/A]	AC: 240/2.5 DC: 24/3

DIMENSIONS AND WEIGHT



Net Weight [kg]	0.93
Gross weight [kg]	0.98
Packaging dimensions (H x W x L) [mm]	130 × 80 × 230

