

PSC 25 1+0

Power Line SPDs

DIN RAIL - IEC TYPE 1+2



General Data

Internal configuration	1+0
No. Poles	1-Pole
No. DIN rail modules	2
Network configuration	TNS, TNC, TT (only L-N)
IEC SPD Type	Class I+II
EN SPD Type	Type 1+2
Format	Pluggable
Protection Modes	L - N / L-PE / N-PE
Product standards	IEC 61643-11; EN 61643-11



PART NUMBERS

XXX	120	230	400
PSC1-25/XXX	77738120	77738125	77738130
PSC1-25/XXX IR (with Remote Indication)	77738121	77738126	77738131

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

PSC1-25/XXX, PSC1-25/XXX IR (with Remote Indication)	120	230	400
Maximum continuous operating voltage (AC) - U _c [V]	150	275	440
Nominal voltage AC 50-60 Hz - U _n [V]	120	230	400
Nominal discharge current (8/20)- I _n [kA]		25	
Max Discharge Current (8/20) - I _{max} [kA]		100	
Lightning impulse current (10/350) - I _{imp} [kA]		25	
Voltage protection level at I _n - U _p [kV]	≤0,9	≤1,5	≤2
Short circuit withstand- I _{scrr} [kA]		25	
Response time - t _A [ns]		≤25	
Dynamic thermal disconnection		Yes	
Thermal protection behaviour		OCM (Open Circuit Mode)	

MECHANICAL AND ENVIRONMENTAL FEATURES

PSC1-25/XXX, PSC1-25/XXX IR (with Remote Indication)	120	230	400
Temperature range [°C]		-40 ... 85	
Humidity range [%]		5 ... 95	
Indication System Type		Green (OK) / Not green (replace)	
Insulating material		PA66 CT1	
Enclosure - IP		IP20	
Flammability class		UL94 V-0	
Solid conductor cross section		6...35 mm ²	
Stranded conductor cross section		6...25 mm ²	
Torque rating [N m]		3	
Remote indication conductor cross section [mm ²]		0.08 ... 1.5	
Remote indication switching capacity [V/A]		AC: 125/0.2 DC: 250/1	

DATASHEET

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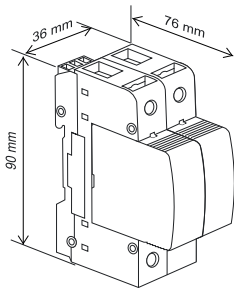
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Continue PSC1-25/XXX, PSC1-25/XXX IR (with Remote Indication)

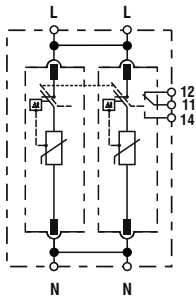
PSC1-25/XXX, PSC1-25/XXX IR (with Remote Indication)	120	230	400
Remote Indication Torque [N m]		0.2	

DIMENSIONS AND WEIGHT



PSC1-25/XXX PSC1-25/XXX IR (with Remote Indication)	120	230	400
Net Weight [kg]	0.336	0.346	0.35
Gross weight [kg]	0.367	0.376	0.38
Packaging dimensions (H x W x L) [mm]	117 × 42 × 90		

INTERNAL CONFIGURATION



REPLACEMENT CARTRIDGES

PSC1-25/XXX PSC1-25/XXX IR (with Remote Indication)	120	230	400
PSC-25/XXX (Line)	77738610	77738611	77738612