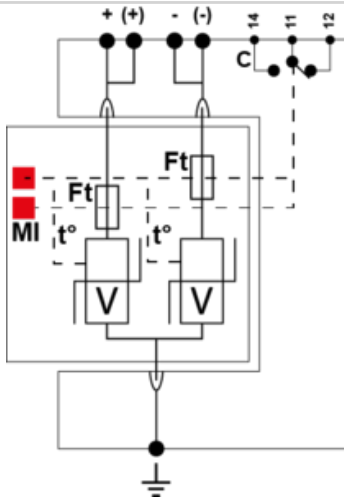
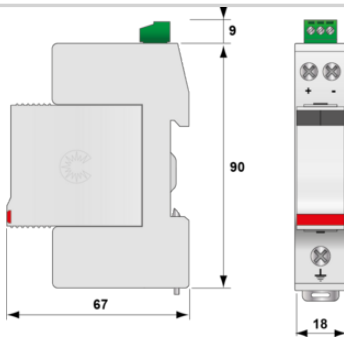


DS240S-75DC



- › DC power surge protector
- › 75 Vdc
- › Compact design
- › I_{max} : 40 kA
- › Pluggable module
- › Remote signaling
- › Very low Up protection level



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type		2
Network		DC or PV network 75Vdc
Nominal DC voltage	Un-dc	75 Vdc
Nominal PV voltage	Uocsc	75 Vdc
Max. AC operating voltage	Uc	75 Vac
Max. PV operating voltage	Ucpv	100 Vdc
Max. DC operating voltage	Uc	100 Vdc
Max. load current	IL	20 A
Residual Current Leakage current to Ground	Ipe	< 0.1 mA
PV Permanent Operating current Current consumption at Ucpv	Icpv	< 0.1 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 μs impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Total Maximum discharge current max. total withstand @ 8 /20 μs	I _{max} Total	80 kA
Current withstand short circuit PV	Iscpv	1000 A
Connection mode(s)		+/-/PE
Protection mode(s)		Common mode/Differential mode
Protection level +/-PE (-/PE)@ In (8/20μs)	Up	390 V

Mechanical Characteristics

Technology		MOV
SPD configuration		2-poles
Connection to Network		By screw terminals: 1.5-10mm² (actives wires) and 2.5-25mm² (ground)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Outdoor application		No
Failsafe mode		Disconnection from DC network
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM240-75DC
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram

label.propertyGroup.DISCONNECTOR

Thermal disconnector	Internal
Fuses	Fuses type gG - 20A

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	UL / EAC

Part number

310611