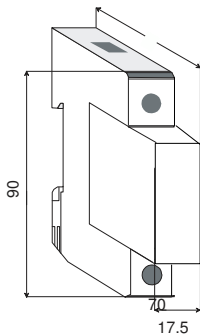




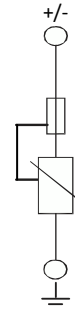
Surge protective device against over voltage on DC Power supply
48 VDC : Sensors, transmitters, controllers, acquisition devices

- **Plug-in cell**
- **Integrated thermal disconnecter**
- **Default output**

Dimensions



Scheme



Characteristics

Reference	ELS-48-MPC
Nominal voltage U_n	48 Vdc
Max permanent service voltage U_c	100 Vdc
Nominal surge current I_n (8/20 μ s)	15 kA
Max discharge current I_{max} (8/20 μ s)	40kA
Protection level Up @ I_n	<0,3 kV
Residual voltage @ 5kA	85 V
Response time	< 25 ns
Fuse (Associated switching device)	max.160 A gG/gL
Short circuit current handling	60 kA rms
End of life signal	yes
Wiring gauge flexible/rigid	1,5-6 mm ² / 4-25 mm ²
Operating T°C	-40°C / +80° C
Housing material	Polyester thermoplastic UL 94 V-0
Housing protection level	IP20
Mounting	Symetrical DIN Rail (EN 50022 / DIN46277-3)
Standards	NF EN 61643-21

Reference

Part number	Designation
ELS-48-MPC	Surge protective device for direct current 48 VCC