DA-150-DJ25

SPD - for low voltage / SPD type 3 / Basic

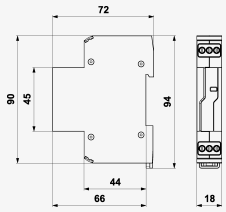
Surge protection for TN and TT systems

visual fault signalling

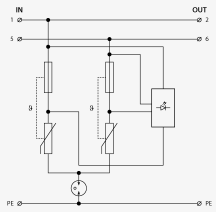
- universally applicable SPD for all types of LV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3
Mounting		DIN rail 35 mm
Nominal voltage	U_n	120.00 V AC
Maximum operating voltage	U_c	150.00 V AC
Nominal load current	I_L	25.000 A
Type of network		TN
Maximum overcurrent protection		25 A gL/gG or B 25 A
Short-circuit current rating	I_{SCCR}	1.5 kA
Residual current	I_{PE}	0.005 mA
Nominal discharge current (8/20 µs) L-N	I_n	2.50 kA
Nominal discharge current (8/20 µs) L+N-PE	I_n	2.50 kA
Nominal discharge current (8/20 µs) N-PE	I_n	2.50 kA
Test voltage L-N	U_{oc}	5.0 kV
Test voltage L+N-PE	U_{oc}	5.0 kV
Test voltage N-PE	U_{oc}	5.0 kV
Voltage protection level mode L-N	U_p	0.63 kV
Voltage protection level mode L-PE	U_p	1.10 kV

Voltage protection level mode N-PE	U_p	1.10 kV
Response time L-N	t_a	25 ns
Response time N-PE	t_a	100 ns
TOV 5 s L-N		240 V
TOV characteristic (TOV 5 s)		withstand
Cross-section of connected conductors solid (max)		6.00 mm^2
Cross-section of connected conductors stranded (max)		6.00 mm^2
Fault indication		red indicator
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-40 / 80 °C
Humidity		5 - 95 %
According to standard		EN 61643-11:2012, IEC 61643-11:2011
ETIM Class		EC000942
Customs tariff number		85363030
EAN		8595090560951
Order number		A06095