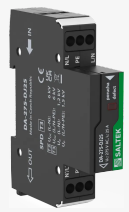
DA-275-DJ25

SPD - for low voltage / SPD type 3 / Basic

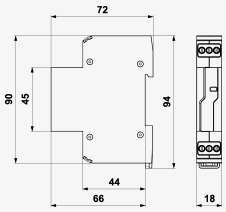
Surge protection for TN and TT systems

visual fault signalling

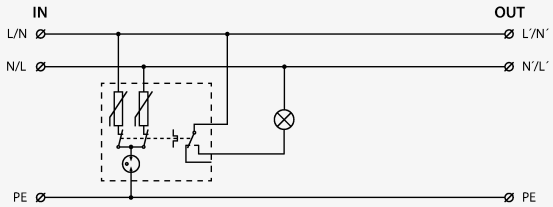
- universally applicable serially connected SPD for all types of LV electric and electronic equipments against surge voltage
- installation to LV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching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



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230.00 V AC
Maximum operating voltage	U_c	275.00 V AC
Nominal load current	I_L	25.000 A
Type of network		TN
Maximum overcurrent protection		32 A gL/gG or C 32 A
Short-circuit current rating	I_{SCCR}	6.0 kA
Nominal discharge current (8/20 µs) L-N	I_n	3.00 kA
Nominal discharge current (8/20 µs) L+N-PE	I_n	5.00 kA
Nominal discharge current (8/20 µs) N-PE	I_n	3.00 kA
Test voltage L-N	U_{oc}	6.0 kV
Test voltage L+N-PE	U_{oc}	10.0 kV
Test voltage N-PE	U_{oc}	6.0 kV
Voltage protection level mode L-N	U_p	1.20 kV
Voltage protection level mode L-PE	U_p	1.50 kV
Voltage protection level mode N-PE	U_p	1.50 kV

Response time L-N	t_a	25 ns
Response time N-PE	t_a	100 ns
TOV 5 s L-N		335 V
TOV 5 s L-PE		440 V
TOV characteristic (TOV 5 s)		withstand
TOV 120 min L-N		440 V
TOV 120 min L-PE		335 V
TOV characteristic (120 min)		withstand
TOV 200 ms L-PE		1 200 V
TOV 200 ms N-PE		1 455 V
TOV characteristic (TOV 200 ms)		safe failure
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		8595090557708
Order number		A05770