

# DA-275-S

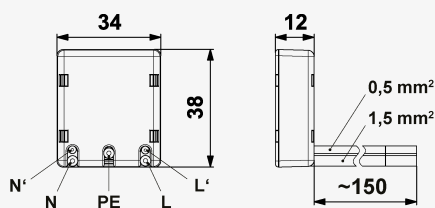
## SPD - for low voltage / SPD type 3 / Build in

Universal module with surge protection for additional installation  
remote fault signalling

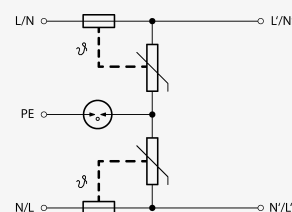
- SPD for additional installation to devices or equipments
- installation to LV installations, close to protected equipment
- for protection of all LV equipments against surge voltage
- can be used for single-phase power supply networks with isolation transformer, connection of L and N wires can be changed



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	<b>T3</b>
Mounting	<b>installation box</b>
Nominal voltage	<b><math>U_n</math> 230 V AC</b>
Maximum operating voltage	<b><math>U_c</math> 275.00 V AC</b>
Type of network	<b>TT TN</b>
Maximum overcurrent protection	<b>B 16 A</b>
Short-circuit current rating	<b><math>I_{SCCR}</math> 1.5 kA</b>
Residual current	<b><math>I_{PE}</math> 0.004 mA</b>
Nominal discharge current (8/20 $\mu$ s) L-N	<b><math>I_n</math> 2.00 kA</b>
Nominal discharge current (8/20 $\mu$ s) N-PE	<b><math>I_n</math> 2.00 kA</b>
Test voltage L-N	<b><math>U_{oc}</math> 4.0 kV</b>
Test voltage L-PE	<b><math>U_{oc}</math> 4.0 kV</b>
Test voltage N-PE	<b><math>U_{oc}</math> 4.0 kV</b>
Voltage protection level mode L-N	<b><math>U_p</math> 1.50 kV</b>

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 characteristic (120 min)		withstand
TOV 200 ms L-PE		1 455 V
TOV 200 ms N-PE		1 200 V
TOV characteristic (TOV 200 ms)		safe failure
Fault indication		loss of voltage
Remote indication		potential open contact
Maximum current of signalling		1.00 A
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-40 / 80 °C
According to standard		EN 61643-11:2012, IEC 61643-11:2011
ETIM Class		EC000942
Customs tariff number		85363010
EAN		8595090567394
Order number		A06739