

# DA-275 BFG

## SPD - for low voltage / SPD type 3 / With RFI filter

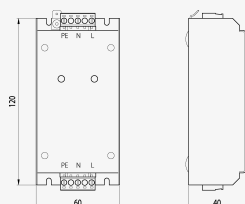
Surge protection with RFI filter

visual fault signalling, grounding terminal, class I device

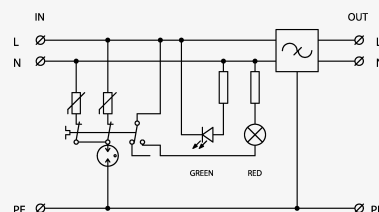
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T3
Mounting	surface on the desk
Nominal voltage	$U_n$ 230.00 V AC
Maximum operating voltage	$U_c$ 275.00 V AC
Nominal load current	$I_L$ 16.000 A
Type of network	TN
Maximum overcurrent protection	16 A gL/gG or C 16 A
Filter attenuation at 1 MHz (50 $\Omega$ /50 $\Omega$ ) unsymmetrical	30 dB
Nominal discharge current (8/20 $\mu$ s) L-N	$I_n$ 3.00 kA
Nominal discharge current (8/20 $\mu$ s) L+N-PE	$I_n$ 5.00 kA
Nominal discharge current (8/20 $\mu$ s) 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
Cross-section of connected conductors solid (max)		2.50 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		2.50 mm <sup>2</sup>
Fault indication		red indicator
Remote indication		no
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		85363010
EAN		8595090506294
Order number		A00629