

DA-075 DJ
DA-130 DJ
DA-275 DJ

SPD type 3 – surge arrester

Visual fault signalling

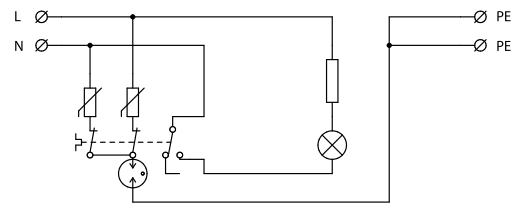
Surge protection designed to protect all types of electric and electronic equipment connected to a low-voltage distribution against pulse overvoltage.



Dimension drawing



Basic circuit diagram



Technical data

		DA-075 DJ	DA-130 DJ	DA-275 DJ
Nominal voltage	U_n	—	110 V AC	230 V AC
Maximum operating voltage	U_c	75 V AC	130 V AC	275 V AC
Nominal discharge current (8/20 μ s) L-N, L(N)-PE, L+N-PE	I_n	2 kA, 2 kA, 4 kA	2,5 kA, 2,5 kA, 5 kA	3 kA, 3 kA, 5 kA
Test voltage L-N, L(N)-PE, L+N-PE	U_{oc}	4 kV, 4 kV, 8 kV	5 kV, 5 kV, 10 kV	6 kV, 6 kV, 10 kV
Voltage protection level L-N, L(N)-PE	U_p	0,4 kV, 1,2 kV	0,6 kV, 1,5 kV	1,2 kV, 1,6 kV
Response time L-N, L(N)-PE	t_a	25 ns, 100 ns	25 ns, 100 ns	25 ns, 100 ns
Short-circuit proof at maximum overcurrent protection		6 kA _{rms}	6 kA _{rms}	6 kA _{rms}
Maximum overcurrent protection		16 A gL/gG; C 16 A	16 A gL/gG; C 16 A	16 A gL/gG; C 16 A
Degree of protection		IP 20	IP 20	IP 20
Range of operating temperatures		- 40 °C ... + 80 °C	- 40 °C ... + 80 °C	- 40 °C ... + 80 °C
Mounting on		DIN rail 35 mm	DIN rail 35 mm	DIN rail 35 mm
Cross-section of connected conductors				
Solid max		ISO: 6 mm ² ; AWG: 10	ISO: 6 mm ² ; AWG: 10	ISO: 6 mm ² ; AWG: 10
Stranded max		ISO: 4 mm ² ; AWG: 11	ISO: 4 mm ² ; AWG: 11	ISO: 4 mm ² ; AWG: 11
Fault indication		red indicator	red indicator	red indicator
Meets the requirements of standard		EN 61643-11 + A11	EN 61643-11 + A11	EN 61643-11 + A11
Ordering number		8595090533191	8595090521891	8595090506362