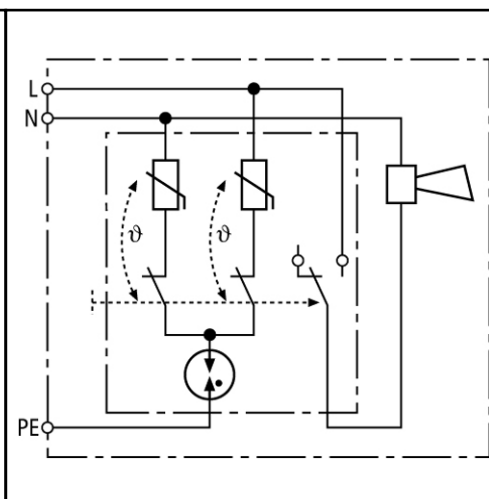


Dimension drawing DFL A



Basic circuit diagram DFL A



**Two-pole surge arrester with monitoring device and disconnector**

**Enhanced safety due to distinctive Y protection circuit**

**Acoustic fault indication**

**Compact design**

**For use in flush-mounted systems, cable ducts and flush-type boxes**

DFL A: Surge arrester for use in all types of installation systems for terminal equipment; with test function

DFL A 255	
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1	Class III
Nominal a.c. voltage $[U_N]$	230 V
Max. continuous operating a.c. voltage $[U_C]$	255 V
Nominal discharge current (8/20 $\mu$ s) $[I_n]$	3 kA
Total discharge current (8/20 $\mu$ s) $[I_{total}]$	5 kA
Combined impulse $[U_{OC}]$	6 kV
Combined impulse $[L+N-PE]$ $[U_{OC total}]$	10 kV
Voltage protection level $[L-N]$ $[U_{p1}]$	$\leq 1.25$ kV
Voltage protection level $[L/N-PE]$ $[U_{p1}]$	$\leq 1.5$ kV
Response time $[L-N]$ $[t_A]$	$\leq 25$ ns
Response time $[L/N-PE]$ $[t_A]$	$\leq 100$ ns
Max. mains-side overcurrent protection	16 A gL/gG or B 16 A
Short-circuit withstand capability for mains-side overcurrent protection with 16 A gL/gG	6 kA <sub>rms</sub>
Temporary overvoltage (TOV) $[L-N]$ $[U_T]$	335 V / 5 sec.
Temporary overvoltage (TOV) $[L/N-PE]$ $[U_T]$	400 V / 5 sec.
Temporary overvoltage (TOV) $[L+N-PE]$ $[U_T]$	1200 V + $U_0$ / 20
TOV characteristics $[L-N]$	withstand
TOV characteristics $[L/N-PE]$	withstand
TOV characteristics $[L+N-PE]$	failure
Fault indication	acoustic signal on
Number of Ports	1
Operating temperature range $[T_U]$	-25°C...+40°C
Terminal wires	1 mm <sup>2</sup> , length: 120 mm
Enclosure material	thermoplastic, red, UL 94 V-2
Location category	indoor
Degree of protection of installed device	IP 20
Dimension	36 x 62 x 19 mm
<b>Ordering information</b>	
Type	DFL A 255
Part No.	924 389

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.