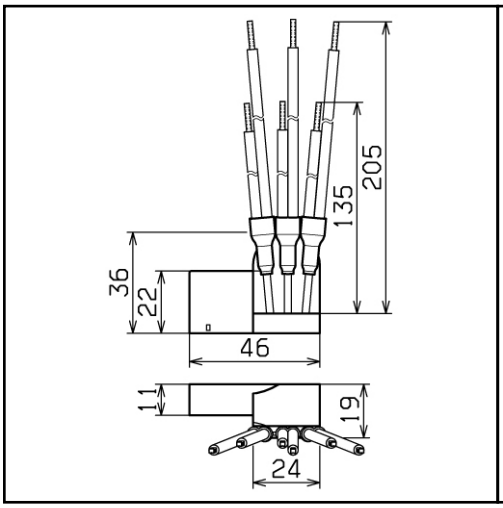
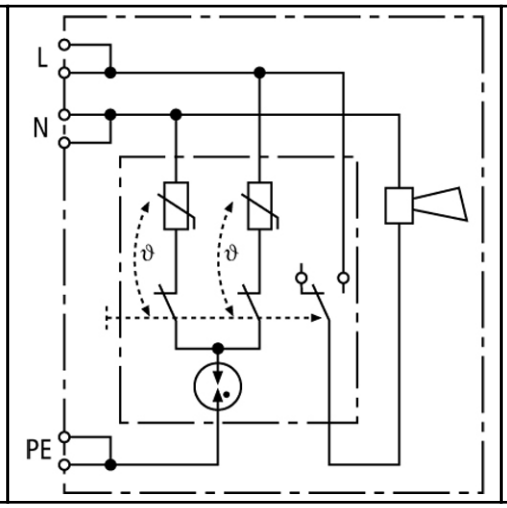
DEHNflex
DFL D 255

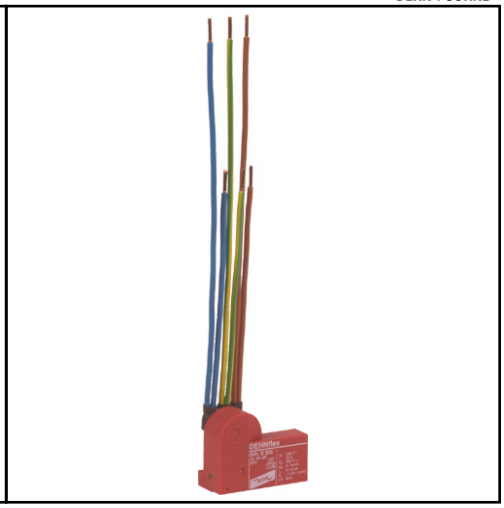
DEHN + SÖHNE



Dimension drawing DFL D



Basic circuit diagram DFL D



DFL D: Surge arrester for use in all types of installation systems for terminal equipment; allows for through-wiring; with test function

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 D 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 load current a.c. [I_L]	16 A
Nominal discharge current (8/20 µs) [I_n]	3 kA
Total discharge current (8/20 µs) [L+N-PE] [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_P]	≤ 1.25 kV
Voltage protection level [L/N-PE] [U_P]	≤ 1.5 kV
Response time [L-N] [t_A]	≤ 25 ns
Response time [L/N-PE] [t_A]	≤ 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_{rms}
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	2.5 mm^2 , 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

Ordering information

Type	DFL D 255
Part No.	**924 395**
Packing unit	1 pc

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.