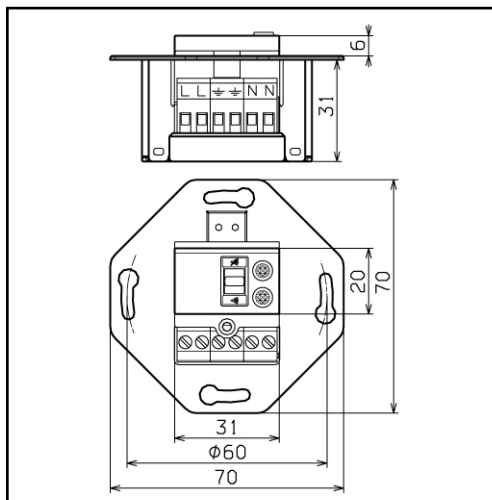
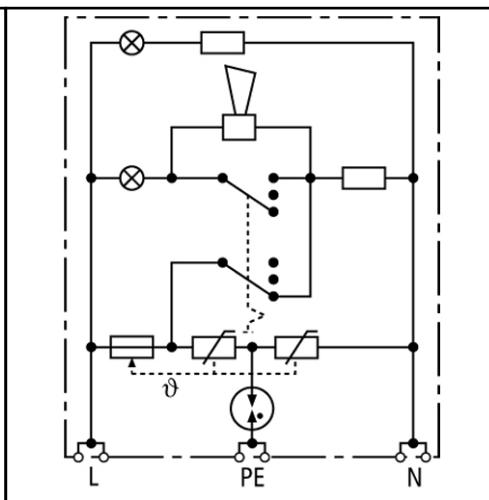




Dimension drawing DSA 230 LA



Basic circuit diagram DSA 230 LA



Two-pole surge protective device for 230 V terminal devices

For use in flush-type boxes and cable ducts

Enhanced safety due to distinctive Y protection circuit

Multiple visual operating state indication

Programmable acoustic function

Terminals for series connection

Independent from the design of socket outlets

DSA 230 LA: Surge protective device for use in cable ducts and flush-type boxes

DSA 230 LA	
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 $[I_L]$	16 A
Nominal discharge current (8/20 μ s) $[I_n]$	3 kA
Total discharge current (8/20 μ s) [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] $[U_{PI}]$	≤ 1.25 kV
Voltage protection level [L/N-PE] $[U_{PI}]$	≤ 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	red light + acoustic signal
Operating state indication	green light
Number of Ports	1
Switch	function test / acoustic signal off
Operating temperature range $[T_U]$	-25°C...+40°C
Cross-sectional area (min.)	0.5 mm ² solid/stranded/flexible
Cross-sectional area (max.)	2.5 mm ² solid/stranded/flexible

For mounting on	supporting ring (Ø60 mm) for installing into switch boxes, depth of 40 mm
Enclosure material	thermoplastic, grey, UL 94 V-2
Location category	indoor
Degree of protection	IP 20
Cover	TAE
Ordering information	
Type	DSA 230 LA
Part No.	924 370
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.