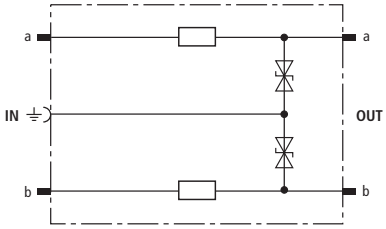
DEHNrapid LSA – Lightning Current / Surge Arrester

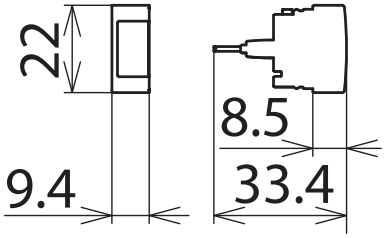
DRL RE 48 (907423)

- Low voltage protection level for the protection of terminal equipment
- Energy-coordinated with DRL plug-in SPD block
- For installation in conformity with the lightning protection zone concept at the boundaries from 1 – 2 and higher





Basic circuit diagram



Dimension drawing

Protective plug (one pair), energy-coordinated with DRL plug-in SPD block, for use as single-stage protective device for terminal equipment with decoupling impedances. Ideally suited for signal circuits with common reference potential. Earthing via EF 10 DRL. For disconnection blocks or DRL plug-in SPD blocks only.

Type	**DRL RE 48**
Part No.	**907423**
SPD class	TYPE 3 P1
Nominal voltage (U_N)	48 V
Max. continuous operating voltage DC (U_C)	54 V
Max. continuous operating a.c. voltage (U_C)	38 V
Nominal current (I_N)	0.4 A
D1 Total lightning impulse current (10/350 µs) in combination with DRL 10 B... (I_{imp})	5 kA
D1 Lightning impulse current (10/350 µs) per line in combination with DRL 10 B... (I_{imp})	2.5 kA
C2 Total nominal discharge current (8/20 µs) in combination with DRL 10 B... (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line in combination with DRL 10 B... (I_n)	5 kA
C1 Nominal discharge current (8/20 µs) per line without DRL 10 B... (I_n)	0.25 kA
Voltage protection level line-PG for I_{imp} D1 in combination with DRL 10 B... (U_p)	≤ 95 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 135 V
Voltage protection level line-PG at 1 kV/µs C3 (Up)	≤ 70 V
Series impedance per line	6.8 ohms
Cut-off frequency line-PG (f_G)	7.35 MHz
Capacitance line-line (C)	≤ 350 pF
Capacitance line-PG (C)	≤ 700 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 20 (when plugged in)
Pluggable into	LSA disconnection block 2/10 or DRL 10 B ... plug-in SPD block
Earthing via	earthing frame
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21

Masterdata	
Net weight	1 pc(s)/st
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364107632
PU	10 st

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.