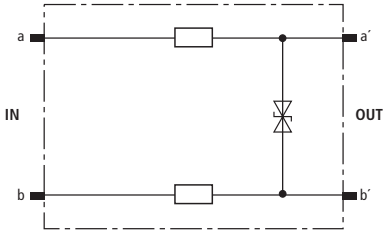
DEHNrapid LSA – Lightning Current / Surge Arrester

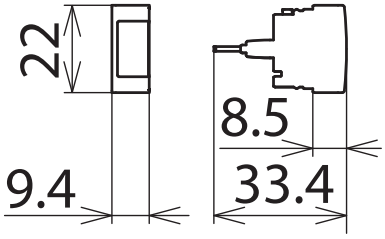
DRL RD 48 (907443)

- Low voltage protection level line/line for protecting 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. Low voltage protection level line-line for floating interfaces. To be mounted into EF 10 DRL. Installation recommended only in combination with DRL plug-in SPD block.

Type	**DRL RD 48**
Part No.	**907443**
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)	≤ 500 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 70 V
Series impedance per line	4.7 ohms
Cut-off frequency line-line (f_G)	7.8 MHz
Capacitance line-line (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
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	4013364107717
PU	10 st

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.

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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