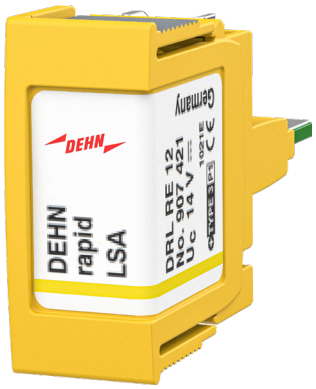
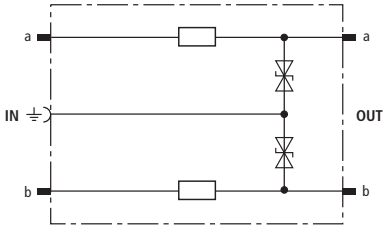
DEHNrapid LSA – Lightning Current / Surge Arrester

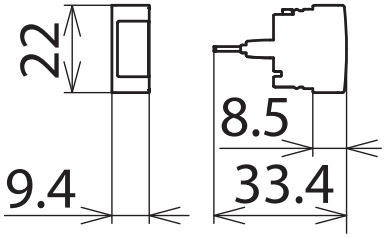
DRL RE 12 (907421)

- 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 12
Part No.	**907421**
SPD class	TYPE 3 P1
Nominal voltage (U_N)	12 V
Max. continuous operating voltage DC (U_C)	14 V
Max. continuous operating a.c. voltage (U_C)	9.5 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)	0.5 kA
Voltage protection level line-PG for I_{imp} D1 in combination with DRL 10 B... (U_p)	≤ 45 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 36 V
Voltage protection level line-PG at 1 kV/µs C3 (Up)	≤ 19 V
Series impedance per line	4.7 ohms
Cut-off frequency line-PG (f_G)	2.7 MHz
Capacitance line-line (C)	≤ 1 nF
Capacitance line-PG (C)	≤ 2 nF
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	4013364107618
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.