

## DRL 10 B 180 (907 400)

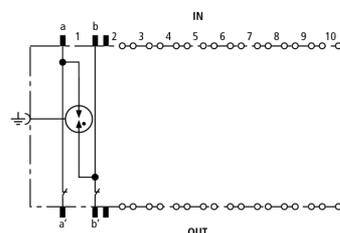
Lightning current arrester for use as plug-in SPD block with integrated LSA disconnection block function

Expandable to a combined lightning current and surge arrester

For installation in conformity with the lightning protection zones concept at the boundaries from  $0_A - 1$  and higher



Figure without obligation



Basic circuit diagram DRL 10 B

Lightning current carrying DRL plug-in SPD block (10 pairs) with three-pole gas discharge tubes for almost all applications. It can be combined to a combined lightning current and surge arrester by means of a DRL protective plug. The integrated disconnection block contacts allow testing, measuring and patching in case of plugged-in protection.

Type	DRL 10 B 180
Part No.	907 400
Nominal voltage ( $U_N$ )	180 V
Max. continuous operating d.c. voltage ( $U_C$ )	180 V
Max. continuous operating a.c. voltage ( $U_C$ )	127 V
Nominal current ( $I_L$ )	0.4 A
D1 Total lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	5 kA
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	2.5 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	5 kA
Voltage protection level line-line for $I_{imp}$ D1 ( $U_p$ )	$\leq 500$ V
Voltage protection level line-PG for $I_{imp}$ D1 ( $U_p$ )	$\leq 500$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 500$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 450$ V
Series impedance per line	$\leq 0.005$ ohms
Capacitance line-line (C)	$\leq 5$ pF
Capacitance line-PG (C)	$\leq 5$ pF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 10
Plugs into	LSA disconnection block 2/10
Earthing via	mounting frame
Enclosure material	polyamide PA 6.6
Colour	grey
Test standards	IEC 61643-21 / EN 61643-21
Approvals	VdS, GOST
Weight	64,6 g
Customs tariff number	85363010
GTIN	4013364107557
PU	10 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.