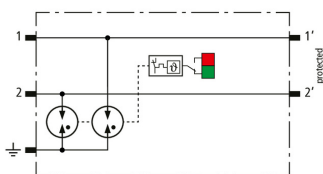


BCO CL2 B 180 (927 910)

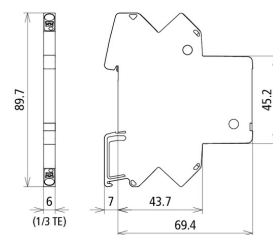
- LifeCheck arrester monitoring and integrated status indication
- Compact two-pole arrester for lightning equipotential bonding
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_A - 1$ and higher



Figure without obligation



Basic circuit diagram BCO CL2 B 180



Dimension drawing BCO CL2 B 180

Space-saving, compact lightning current arrester with a width of 6 mm and push-in connection technology with status indication for protecting two single lines for lightning equipotential bonding as well as indirect earthing of shielded cables.

Type	BCO CL2 B 180
Part No.	927 910
SPD class	TYPE I
Impulse category	D1, C2, C3
Nominal voltage (U_N)	180 V
Max. continuous operating voltage (d.c.) (U_C)	180 V
Max. continuous operating voltage (a.c.) (U_C)	127 V
Nominal current (I_L)	1.2 A
D1 Total lightning impulse current (10/350 μ s) (I_{imp})	3 kA
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	1.5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	5 kA
Voltage protection line-line for I_n C2 (U_p)	≤ 1100 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 800 V
Voltage protection level line-line for 1 kV/ μ s C3 (U_p)	≤ 950 V
Voltage protection level line-PG for 1 kV/ μ s (U_p)	≤ 700 V
Series resistance per line	0 ohms
Cut-off frequency line-line at 100 ohms (f_G)	100 MHz
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Degree of protection	IP 20
For mounting on	35 mm DIN rails acc. to EN 60715
Connection (input / output)	push-in / push-in
Cross-sectional area, solid	0.2-2.5 mm ²
Cross-sectional area, flexible	0.2-2.5 mm ²
Earthing via	35 mm DIN rails acc. to EN 60715
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	UL, SIL
ATEX approvals	TUR XX ATEX XXXX.X: II 3G Ex ec IIC T4 Gc
IECEx approvals	IECEx TUR XX.XXXXX: Ex ec IIC T4 Gc
Extended technical data:	-----
– Discharge current (8/20 μ s) [1/2 - PG], [1+2 - PG]	10 kA (10x)
– Voltage protection level line-PG at 1 kV/ μ s C3 after being subjected to I_{max} (U_p)	≤ 700 V
Weight	33 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364411739
PU	1 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.