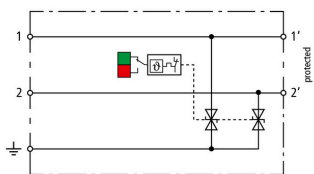


## **NEW** BCO CL2 E 12 (927 987)

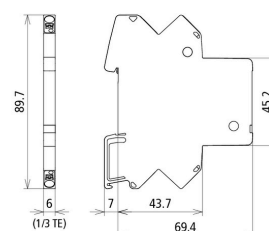
- LifeCheck arrester monitoring and integrated status indication
- Compact two-pole arrester for optimal protection of two single cores
- For use according to the lightning protection zone concept at boundaries 2–3 and higher



Figure without obligation



Basic circuit diagram BCO CL2 E 12



Dimension drawing BCO CL2 E 12

Space-saving, compact surge arrester with a width of 6 mm and push-in connection technology with status indication. Finely limiting, single-stage surge protection with powerful diodes for protecting two single cores sharing a common reference potential as well as unbalanced interfaces.

Type	BCO CL2 E 12
Part No.	927 987
SPD class	<b>TYPE 3 Pt</b>
Impulse category	C1, C3
Nominal voltage ( $U_N$ )	12 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	15 V
Max. continuous operating voltage (a.c.) ( $U_C$ )	10.6 V
Nominal current at 60 °C ( $I_n$ )	10 A
Nominal current at 80 °C ( $I_n$ )	6 A
C1 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	3 kA
C1 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	1.5 kA
Voltage protection level line-line for $I_n$ C1 ( $U_p$ )	$\leq 80$ V
Voltage protection level line-PG for $I_n$ C1 ( $U_p$ )	$\leq 50$ V
Voltage protection level line-line for 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 44$ V
Voltage protection level line-PG for 1 kV/ $\mu$ s ( $U_p$ )	$\leq 22$ V
Series resistance per line	0 ohms
Cut-off frequency line-PG at 100 ohms ( $f_c$ )	0.6 MHz
Capacitance line-line (C)	$\leq 3$ nF
Capacitance line-PG (C)	$\leq 6$ nF
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 <sup>2</sup>
Cross-sectional area, flexible	0.2-2.5 mm <sup>2</sup>
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
Weight	32 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364485754
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.