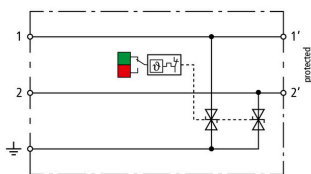


NEW BCO CL2 E 48 (927 989)

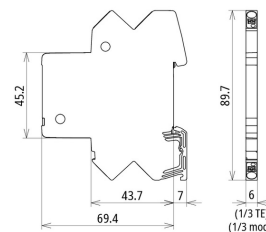
- LifeCheck arrester monitoring and integrated status indication
- Compact two-pole arrester for optimal protection of two single cores
- For use according to the lightning protection zone concept at boundaries 2–3 and higher



Figure without obligation



Basic circuit diagram BCO CL2 E 48



Dimension drawing BCO CL2 E 48

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 48
Part No.	927 989
SPD class	TYPE 3 P1
Impulse category	C1, C3
Nominal voltage (U_N)	48 V
Max. continuous operating voltage (d.c.) (U_C)	58 V
Max. continuous operating voltage (a.c.) (U_C)	41 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 μ s) (I_n)	0.8 kA
C1 Nominal discharge current (8/20 μ s) per line (I_n)	0.4 kA
Voltage protection level line-line for I_n C1 (U_P)	≤ 180 V
Voltage protection level line-PG for I_n C1 (U_P)	≤ 90 V
Voltage protection level line-line for 1 kV/ μ s C3 (U_P)	≤ 145 V
Voltage protection level line-PG for 1 kV/ μ s C3 (U_P)	≤ 75 V
Series resistance per line	0 ohms
Cut-off frequency line-PG at 100 ohms (f_c)	2.5 MHz
Capacitance line-line (C)	≤ 1 nF
Capacitance line-PG (C)	≤ 2 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 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 497B, SIL
SIL classification	up to SIL3 ¹⁾
Weight	32 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364485761
PU	1 pc(s)

¹⁾ For details, see: www.dehn-international.com

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.