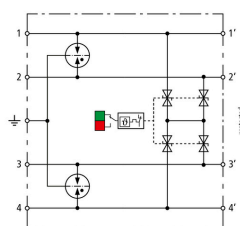


BCO CL4 BC 24 (927 954)

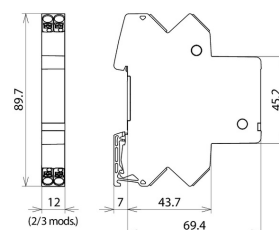
- LifeCheck arrester monitoring and integrated status indication
- Protection of multi-wire measuring circuits with a high nominal current; e.g. temperature, weighing systems
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_A - 2$ and higher



Figure without obligation



Basic circuit diagram BCO CL4 BC 24



Dimension drawing BCO CL4 BC 24

Space-saving, compact combined arrester with a width of 12 mm and push-in connection technology with status indication for protecting unearthed 4-conductor measuring circuits for IT systems and measuring and control systems.

Type Part No.	BCO CL4 BC 24 927 954
SPD class	TYPE 1 P2
Impulse category	D1, C1, C2, C3, B2
Nominal voltage (U_N)	24 V
Max. continuous operating voltage (d.c.) (U_C)	36 V
Max. continuous operating voltage (a.c.) (U_C)	25.4 V
Nominal current at 80 °C (I_n)	3 A
D1 Total lightning impulse current (10/350 μ s) (I_{imp})	5 kA
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	2.5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	20 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	10 kA
Voltage protection level line-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level line-line for I_n 1 kA C1 (U_P)	≤ 85 V
Voltage protection level line-line for 1 kV/ μ s C3 (U_P)	≤ 55 V
Voltage protection level line-PG for 1 kV/ μ s C3 (U_P)	≤ 600 V
Series resistance per line	0 ohms
Cut-off frequency line-line at 100 ohms (f_C)	1.5 MHz
Capacitance line-line (C)	≤ 3 nF
Capacitance line-PG (C)	≤ 42 pF
Operating temperature range (T_U)	-40°C to +80°C
Operating state / fault indication	green / red
Degree of protection	IP 20
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, UL 94 V-0
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	UL 497B, SIL
SIL classification	up to SIL3 ¹⁾
Weight	58 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364485730
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.