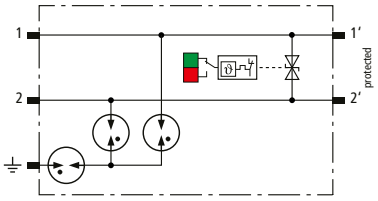
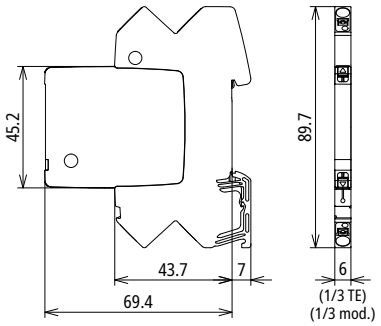
BCO ML2 BD HC5A 24 (927 254)

- LifeCheck arrester monitoring and integrated status indication
- Modular two-pole arrester for optimal protection of a signal circuit with operating current up to 5 A
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A – 2 and higher





Basic circuit diagram



Dimension drawing

Space-saving, modular combined arrester with a width of 6 mm and push-in connection terminal with status indication for protecting one pair of unearthed signal circuits with a high nominal current for IT systems and measuring and control circuits. With signal disconnection for maintenance purposes.

NEW

Type	BCO ML2 BD HC5A 24
Part No.	**927 254**
Technical data	
SPD class	TYPE 1 P2
Impulse category	D1, C1, C2, C3, B2
Nominal voltage (U_N)	24 V
Max. continuous operating voltage DC (U_C)	36 V
Max. continuous operating a.c. voltage (U_C)	25.4 V
Nominal current at 80°C (I_L)	5 A
D1 Total lightning impulse current (10/350 µs) (I_{imp})	3 kA
D1 Lightning impulse current (10/350 µs) per line (I_{imp})	1.5 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	5 kA
C1 Nominal discharge current (8/20 µs) per line (I_n)	1 kA
Voltage protection level line-PG for I_n C2 (U_p)	≤ 750 V
Voltage protection level line-line for I_n C1 (U_p)	≤ 70 V
Voltage protection level line-PG for I_n C1 (U_p)	≤ 750 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 60 V
Voltage protection level line-PG at 1 kV/µs C3 (U_p)	≤ 750 V
Series resistance per line	0 Ohm
Cut-off frequency line-line at 100 ohms (f_G)	1.5 MHz
Capacitance line-line (C)	≤ 4 nF
Capacitance line-PG (C)	≤ 40 pF
Operating temperature range (T_U)	-40 °C ... +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 mm²
Cross-sectional area, flexible	0.2-2.5 mm²
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 *)

Extended technical data	
Max. discharge current (8/20 µs) [1/2 - PG], [1+2 - PG] (I_{max})	20 kA
Discharge current (8/20 µs) [1/2 - PG], [1+2 - PG]	10 kA (10x)
Voltage protection level line-PG at 1 kV/µs C3 after being subjected to I_{max} (U_p)	≤ 750 V

Masterdata	
Net weight	34.48 g/pc(s)
GTIN	4013364513419
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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