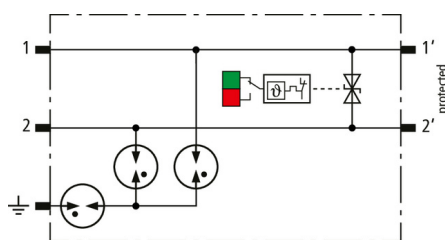


BCO ML2 BD HC5A 24 (927 254)

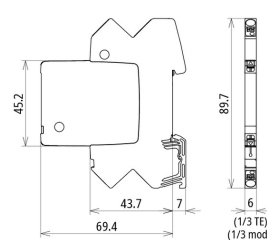
- LifeCheck arrester monitoring and integrated status indication
- Modular two-pole arrester for optimal protection of a signal circuit with operating current up to 5 A
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_A - 2$ and higher



Figure without obligation



Basic circuit diagram BCO ML2 BD HC5A 24



Dimension drawing BCO ML2 BD HC5A 24

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.

Type	BCO ML2 BD HC5A 24
Part No.	927 254
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)	5 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
C1 Nominal discharge current (8/20 μ s) 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/ μ s C3 (U_P)	≤ 60 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_P)	≤ 750 V
Series resistance per line	0 ohm(s)
Cut-off frequency line-line at 100 ohms (f_C)	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 mm ²
Cross-sectional area (fine stranded)	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
Extended technical data:	-----
– Max. discharge current (8/20 μ s) [1/2 - PG], [1+2 - PG] (I_{max})	20 kA
– 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)	≤ 750 V
Weight	34 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364513419
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.