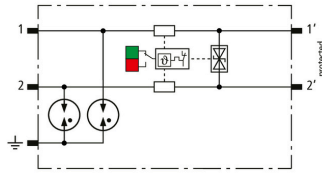


BCO MOD ML2 BD HF 24 (927 075)

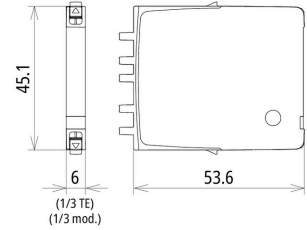
- LifeCheck arrester monitoring and integrated status indication
- Two-pole arrester module for optimal protection of one pair of high-frequency signal circuits
- For installation in conformity with the lightning protection zone concept at the boundaries from $O_A - 2$ and higher



Figure without obligation



Basic circuit diagram BCO MOD ML2 BD HF 24



Dimension drawing BCO MOD ML2 BD HF 24

Protection module with a width of 6 mm for BLITZDUCTORconnect combined arrester with status indication for protecting one pair of unearthed high-frequency bus systems as well as balanced interfaces.

Type	BCO MOD ML2 BD HF 24
Part No.	927 075
SPD class	TYPE 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 70 °C (I_N)	0.75 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
Voltage protection level line-line for I_n C2 (U_P)	≤ 85 V
Voltage protection level line-PG for I_n C2 (U_P)	≤ 650 V
Voltage protection level line-line for I_n C1 (U_P)	≤ 85 V
Voltage protection level line-PG for I_n C1 (U_P)	≤ 650 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_P)	≤ 48 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_P)	≤ 600 V
Series resistance per line	1 ohm(s)
Cut-off frequency line-line (f_C)	100 MHz
Capacitance line-line (C)	≤ 25 pF
Capacitance line-PG (C)	≤ 15 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Degree of protection (with plugged-in protection module)	IP 20
Plugs into	BCO base part
Earthing via	BCO base part
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⁾
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)	≤ 600 V
Weight	14 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364468580
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.