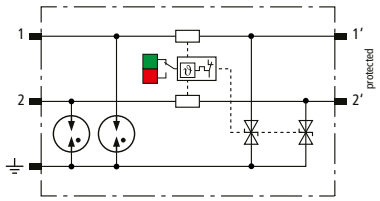
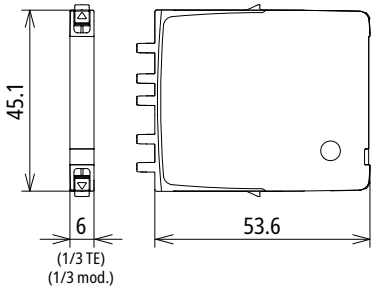
BCO MOD ML2 BE 24 (927024)

- LifeCheck arrester monitoring and integrated status indication
- Two-pole protection module for optimal protection of two single lines
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A –2 and higher





Basic circuit diagram



Dimension drawing

Protection module with a width of 6 mm for BLITZDUCTORconnect combined arrester with status inidication for protecting two single lines sharing a common reference potential as well as unbalanced interfaces.

Type	**BCO MOD ML2 BE 24**
Part No.	**927024**
Technical data	
SPD class	TYPE 1 P1
Impulse category	D1, C1, C2, C3, B2
Nominal voltage (U_N)	24 V
Max. continuous operating voltage DC (U_C)	33 V
Max. continuous operating a.c. voltage (U_C)	23.3 V
Nominal current at 70 °C (I_L)	0.75 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
Voltage protection level line-line for I_n C2 (U_p)	≤ 90 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 75 V
Voltage protection level line-line for I_n C1 (U_p)	≤ 90 V
Voltage protection level line-PG for I_n C1 (U_p)	≤ 75 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 85 V
Voltage protection level line-PG at 1 kV/µs C3 (Up)	≤ 45 V
Series resistance per line	1 Ohm
Cut-off frequency line-line (f_G)	3.4 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 (with plugged-in protection module)	IP 20
Pluggable 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, CSA, ATEX, IECEx, CCC, SIL
SIL classification	up to SIL3 *)
ATEX approvals	TÜV 20 ATEX 8527 X: II 3G Ex ec IIC T4 Gc
IECEx approvals	IECEx TUR 20.0063X: Ex ec IIC T4 Gc
China Compulsory Certification	CCC no. 2021312304001192
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)

Extended technical data	
Voltage protection level line-PG at 1 kV/µs C3 after being subjected to I_{max} (U_p)	≤ 45 V

Masterdata	
Net weight	14.63 g/pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364410138
PU	1 pc(s)

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