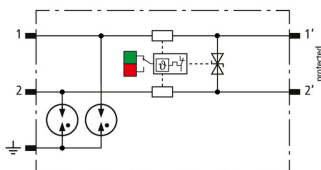


## BCO MOD ML2 BD 12 (927 042)

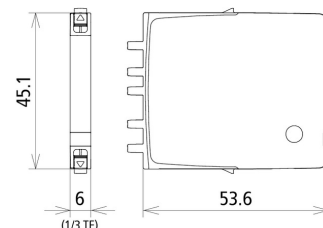
- LifeCheck arrester monitoring and integrated status indication
- Two-pole protection module for optimal protection of one pair
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_A -2$  and higher



Figure without obligation



Basic circuit diagram BCO MOD ML2 BD 12



Dimension drawing BCO MOD ML2 BD 12

Protection module with a width of 6 mm for BLITZDUCTORconnect combined arrester with status indication for protecting one pair of unearthed balanced interfaces.

Type	BCO MOD ML2 BD 12
Part No.	927 042
SPD class	<b>TYPE 1 P2</b>
Impulse category	D1, C1, C2, C3, B2
Nominal voltage ( $U_N$ )	12 V
Max. continuous operating voltage (d.c.) ( $U_C$ )	15 V
Max. continuous operating voltage (a.c.) ( $U_C$ )	10.6 V
Nominal current at 70 °C ( $I_n$ )	0.75 A
D1 Total lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	3 kA
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	1.5 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	5 kA
Voltage protection level line-line for $I_n$ C2 ( $U_p$ )	$\leq 32$ V
Voltage protection level line-PG for $I_n$ C2 ( $U_p$ )	$\leq 600$ V
Voltage protection level line-line for $I_n$ C1 ( $U_p$ )	$\leq 32$ V
Voltage protection level line-PG for $I_n$ C1 ( $U_p$ )	$\leq 600$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 20$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 600$ V
Series resistance per line	1 ohm(s)
Cut-off frequency line-line ( $f_c$ )	2.6 MHz
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, SIL
ATEX approvals (in preparation)	TUR XX ATEX XXXX.X: II 3G Ex ec IIC T4 Gc
IECEx approvals (in preparation)	IECEx TUR XX.XXXXX: Ex ec IIC T4 Gc
Extended technical data:	-----
- Max. discharge current (8/20 $\mu$ s) [1/2 - PG], [1+2 - PG] ( $I_{max}$ )	20 kA
- Voltage protection level line-PG at 1 kV/ $\mu$ s C3 after being subjected to $I_{max}$ ( $U_p$ )	$\leq 600$ V
Weight	14 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364410152
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.