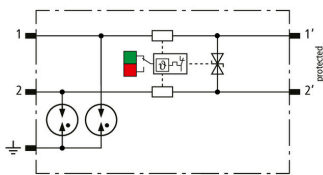


BCO MOD ML2 BD 180 (927 047)

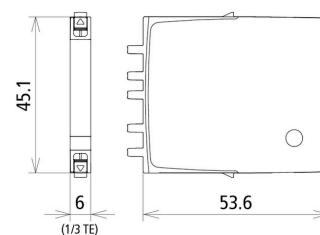
- LifeCheck arrester monitoring and integrated status indication
- Two-pole protection module for optimal protection of one pair
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_A -2$ and higher



Figure without obligation



Basic circuit diagram BCO MOD ML2 BD 180



Dimension drawing BCO MOD ML2 BD 180

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 180
Part No.	927 047
SPD class	TYPE P2
Impulse category	D1, C1, C2, C3, B2
Nominal voltage (U_N)	180 V
Max. continuous operating voltage (d.c.) (U_C)	180 V
Max. continuous operating voltage (a.c.) (U_C)	127 V
Nominal current at 70 °C (I_L)	0.5 A
Nominal current at 40 °C (I_L)	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)	≤ 420 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 800 V
Voltage protection level line-line for I_n C1 (U_p)	≤ 420 V
Voltage protection level line-PG for I_n C1 (U_p)	≤ 800 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 240 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 700 V
Series resistance per line	1.8 ohm(s)
Cut-off frequency line-line (f_c)	10 MHz
Capacitance line-line (C)	≤ 450 pF pF
Capacitance line-PG (C)	≤ 20 pF 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, EAC, 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)	≤ 700 V
Weight	14 g
Customs tariff number	85363010
GTIN	4013364468672
PU	1 Stk

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.