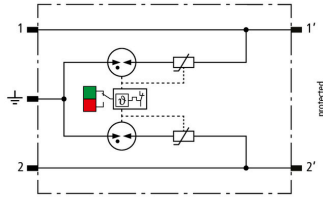


**BCO MOD ML2 MVG 230 (927 090)**

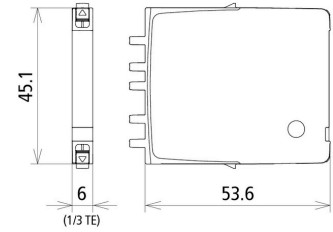
- LifeCheck arrester monitoring and integrated status indication
- Protection module with leakage-current-free circuit for 2 signal lines
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_b$  to 2 and higher



Figure without obligation



Basic circuit diagram BCO MOD ML2 MVG 230



Dimension drawing BCO MOD ML2 MVG 230

Surge arrester protection module with a width of 6 mm for BLITZDUCTORconnect with status indication for protecting 2 lines of stranded unearthed signal interfaces with a nominal voltage of 230 V.

Meets, amongst other things, the requirements for signalling systems in the railway industry (e.g. DB RIL 819.0808 railway directive).

Type	BCO MOD ML2 MVG 230
Part No.	927 090
SPD class	TYPE 2 P3
Impulse category	C1, C2, C3
Nominal voltage ( $U_n$ )	230 V
Max. continuous operating voltage (DC) line-PG ( $U_c$ )	320 V
Max. continuous operating voltage (AC) line-PG ( $U_c$ )	250 V
Nominal current at 80 °C ( $I_n$ )	3 A
Nominal current at 80°C ( $I_n$ )	6 A for 240 ms
Total lightning impulse current (10/350 $\mu$ s)	0.5 kA
Lightning impulse current (10/350 $\mu$ s) per line	0.25 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	6 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	3 kA
Voltage protection level line-PG for $I_n$ C2 ( $U_p$ )	$\leq 1100$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 1100$ V
Series resistance per line	0 ohm(s)
Cut-off frequency line-PG at 100 ohms ( $f_c$ )	200 MHz
Capacitance line-line (C)	$\leq 7,32$ pF pF
Capacitance line-PG (C)	$\leq 12$ pF pF
Operating temperature range ( $T_U$ )	-40°C to +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	EAC, SIL
Weight	14 g
Customs tariff number	85363010
GTIN	4013364466531
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.