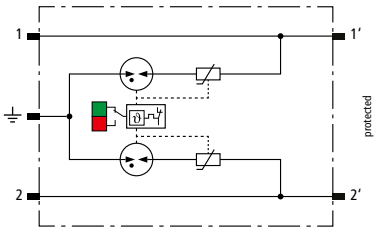
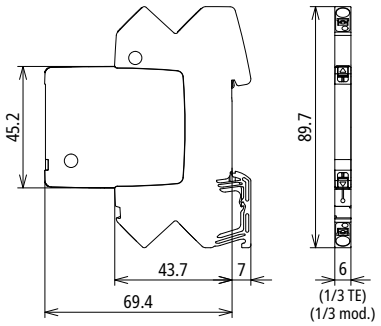
BCO ML2 MVG 230 (927 290)

- LifeCheck arrester monitoring and integrated status indication
- Modular arrester 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





Basic circuit diagram



Dimension drawing

Space-saving, modular surge arrester with a width of 6 mm and push-in connection technology with status indication for protecting 2 lines of stranded unearthed signal interfaces with a nominal voltage of 230 V. With signal disconnection for maintenance purposes.
Meets, amongst other things, the requirements for signalling systems in the railway industry (e.g. DB RIL 819.0808 railway directive).

Type	**BCO ML2 MVG 230**
Part No.	**927 290**
Technical data	
SPD class	TYPE 2 P3
Impulse category	C1, C2, C3
Nominal voltage (U_N)	230 V
Max. continuous operating voltage (d.c.) line-PG (U_C)	320 V
Max. continuous operating voltage (a.c.) line-PG (U_C)	250 V
Nominal current at 80°C (I_L)	3 A
Nominal current at 80°C (I_L)	6 A for 240 ms
Total lightning impulse current (10/350 µs)	0.5 kA
Lightning impulse current (10/350 µs) per line	0.25 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	6 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	3 kA
Voltage protection level line-PG for I_n C2 (U_p)	≤ 1100 V
Voltage protection level line-PG at 1 kV/µs C3 (U_p)	≤ 1100 V
Series resistance per line	0 Ohm
Cut-off frequency line-PG at 100 ohms (f_G)	200 MHz
Capacitance line-line (C)	≤ 7.32 pF
Capacitance line-PG (C)	≤ 12 pF
Operating temperature range (T_U)	-40°C to +80°C
Operating state / fault indication	green / red
Degree of protection	IP 20
Connection (input / output)	Push-in / Push-in
Cross-sectional area, solid	0.2-2.5 mm²
Cross-sectional area, flexible	0.2-2.5 mm²
Earthing via	35 mm DIN rails acc. to EN 60715
Enclosure material	Polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	SIL
SIL classification	up to SIL3 *)

Masterdata	
Net weight	36.11 g/pc(s)
GTIN	4013364466524
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component

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