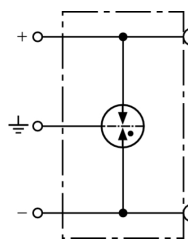


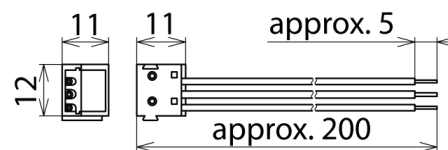
## BT 24 (925 001)



Figure without obligation



Basic circuit diagram BT 24



Dimension drawing BT 24

Surge arrester with KNX bus terminal design, adapted to the immunity of KNX / EIB systems. EIBA-certified.

Type	BT 24
Part No.	925 001
SPD class	<b>TYPE2</b>
Nominal voltage ( $U_n$ )	24 V
Max. continuous operating voltage (d.c.) ( $U_c$ )	45 V
Nominal current ( $I_n$ )	6 A
D1 Lightning impulse current (10/350 $\mu$ s) per line	1 kA
C2 Nominal discharge current per line ( $I_n$ )	5 kA
Voltage protection level line-line for $I_n$ C2	$\leq 1200$ V
Voltage protection level line-PG for $I_n$ C2	$\leq 650$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3	$\leq 750$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3	$\leq 500$ V
Cut-off frequency line-line ( $f_c$ )	70 MHz
Capacitance line-line	$\leq 10$ pF
Capacitance line-PG	$\leq 10$ pF
Operating temperature range ( $T_U$ )	-40 °C ... +80 °C
Degree of protection	IP 20
Connection	spring contacts ( $\varnothing 1$ mm) / connecting leads ( $\varnothing 0.8$ mm)
Earthing via	lead ( $0.75$ mm <sup>2</sup> ), 200 mm long
Enclosure material	thermoplastic
Colour	blue
Test standards	IEC 61643-21
Approvals	EIBA certification No. Z 32/1399/95, EAC
Weight	10 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364047365
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.