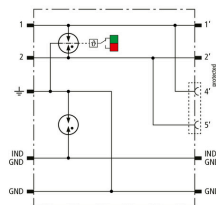


**NEW DBX TC B 180 (922 220)**

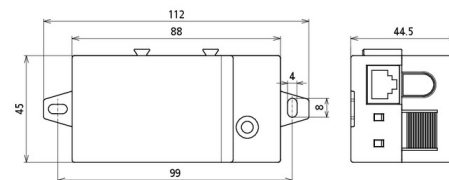
- Arrester monitoring and integrated status indication
- Two-pole wall-mounted arrester for optimal protection of telecommunication interfaces
- For installation in conformity with the lightning protection zone concept at the boundaries from LPZ 0<sub>A</sub> to 2 and higher
- Tests by Deutsche Telekom Technik GmbH confirm compatibility with vectoring VDSL (VVDSL), super vectoring VDSL (SVVDSL) and G.Fast.



Figure without obligation



Basic circuit diagram DBX TC B 180



Dimension drawing DBX TC B 180

Space-saving, compact combined arrester in a surface-mounted plastic enclosure with push-in technology and status indication for protecting one pair of unearthed balanced interfaces, particularly telecommunication interfaces up to VVDSL and G.fast (up to 1 G.Bit/s). Direct / indirect shield earthing possible. Connection of a pair or a patch cable with RJ45 plug at the output.

Type	DBX TC B 180
Part No.	922 220
SPD class	TYPE 1 P2
Impulse category	D1, C1, C2, C3
Nominal voltage (U <sub>N</sub> )	180 V
Max. continuous operating voltage (d.c.) (U <sub>C</sub> )	180 V
Max. continuous operating voltage (a.c.) (U <sub>C</sub> )	127 V
Nominal current at 40°C (I <sub>N</sub> )	1 A
D1 Total lightning impulse current (10/350 μs) ( I <sub>imp</sub> )	7.5 kA
D1 Lightning impulse current (10/350 μs) per line ( I <sub>imp</sub> )	2.5 kA
C2 Total nominal discharge current (8/20 μs) ( I <sub>n</sub> )	20 kA
C2 Nominal discharge current (8/20 μs) per line ( I <sub>n</sub> )	10 kA
Voltage protection level line-line for I <sub>n</sub> C2 (U <sub>p</sub> )	≤ 700 V
Voltage protection level line-PG for I <sub>n</sub> C2 (U <sub>p</sub> )	≤ 550 V
Voltage protection level line-line at 1 kV/μs C3 (U <sub>p</sub> )	≤ 620 V
Voltage protection level line-PG at 1 kV/μs C3 (U <sub>p</sub> )	≤ 550 V
Series resistance per line	0 ohms
Cut-off frequency (f <sub>c</sub> )	425 MHz
Capacitance line-line (C)	≤ 10 pF
Capacitance line-PG (C)	≤ 20 pF
Operating temperature range (T <sub>U</sub> )	-25 °C ... +80 °C
Operating state / fault indication	green / red
Degree of protection	IP 20
Cross-sectional area (solid)	0.2-1.5 mm <sup>2</sup>
Cross-sectional area (flexible)	0.25-1.5 mm <sup>2</sup>
Cross-sectional area of the earth terminal	0.08-4 mm <sup>2</sup>
Enclosure material	polyamide PA 6.6
Connection (input)	push-in
Connection (output)	push-in / RJ45
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Weight	64 g
Customs tariff number	85363030
GTIN	4013364433953
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.