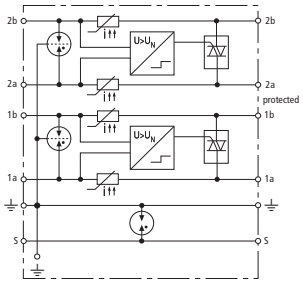
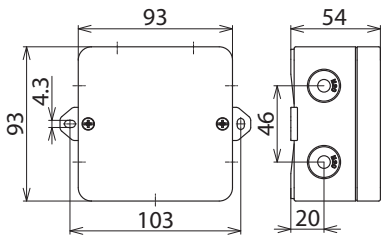
DBX U4 KT BD S 0-180 (922 400)

- Universal voltage type with actiVsense technology
- Suitable for wall mounting, IP65
- For installation in conformity with the lightning protection zone concept at the boundaries from 0_A – 2 and higher





Basic circuit diagram



Dimension drawing

Compact combined lightning current and surge arrester in a surface-mounted plastic enclosure with actiVsense technology for protecting two pairs with the same or a different signal voltage of galvanically isolated balanced interfaces. Direct or indirect shield earthing.

Type	**DBX U4 KT BD S 0-180**
Part No.	**922 400**
SPD class	TYPE 1 P1
Nominal voltage (U_N)	0-180 V
Frequency of the nominal voltage (f_{UN})	0-400 Hz
Max. continuous operating voltage DC (U_C)	180 V
Permissible superimposed signal voltage (U_{signal})	≤ +/- 5 V
Cut-off frequency line-line (U_{signal}, balanced 100 ohms) (f_G)	50 MHz
Nominal current (equals max. short-circuit current) (I_L)	100 mA
D1 Total lightning impulse current (10/350 µs) (I_{imp})	10 kA
D1 Lightning impulse current (10/350 µs) per line (I_{imp})	2.5 kA
C2 Total nominal discharge current (8/20 µs) (I_n)	20 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	10 kA
Voltage protection level line-line for I_n C2 (U_p)	see diagram, line C2
Voltage protection level line-line at 1 kV/µs C3 (U_p)	see diagram, line C3
Voltage protection level line-line for I_{imp} D1 (U_p)	≤ U_N + 50 V
Voltage protection level line-PG for D1/C2/C3 (U_p)	≤ 550 V
Series resistance per line	≤ 9 ohms; typically 7.9 Ohm
Capacitance line-line (C)	≤ 80 pF
Capacitance line-PG (C)	≤ 70 pF
Operating temperature range (T_U)	-25 °C ... +40 °C
Degree of protection	IP 65
Cross-sectional area of the signal lines	0.08-1.5 mm²
Cross-sectional area of the earth terminal	2.5-4 mm²
Dimensions (L x B x H)	93 x 93 x 55 mm
Enclosure material	polycarbonate
Colour	grey
Test standards	IEC 61643-21 / EN 61643-21

Masterdata	
Net weight	219.7 g/pc(s)
GTIN	4013364137349
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

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.

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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