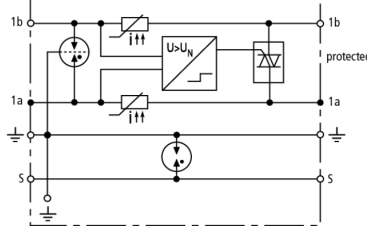


DBX U2 KT BD S 0-180 (922 200)

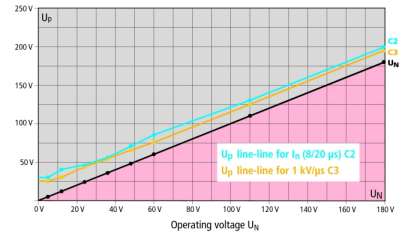
- Universal voltage type with actiVsense technology
- Suitable for wall mounting, IP65
- Installation in conformity with the lightning protection zone concept at the boundaries from $0_A - 2$ and higher



Figure without obligation



Basic circuit diagram DBX U2 KT BD S 0-180



Voltage protection level diagram DBX U2 KT BD S 0-180

Compact combined lightning current and surge arrester in a surface-mounted plastic enclosure with actiVsense technology for protecting one pair of galvanically isolated balanced interfaces. Direct or indirect shield earthing.

Type	DBX U2 KT BD S 0-180
Part No.	922 200
SPD class	TYPE I PI
Nominal voltage (U_N)	0-180 V
Frequency of the nominal voltage (f_{UN})	0-400 Hz
Max. continuous operating voltage (d.c.) (U_C)	180 V
Permissible superimposed signal voltage (U_{signal})	$\leq \pm 5$ V
Cut-off frequency line-line (U_{signal} , balanced 100 ohms) (f_C)	50 MHz
Nominal current I_L (equals max. short-circuit current)	100 mA
D1 Total lightning impulse current (10/350 μ s) (I_{imp})	9 kA
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	2.5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	20 kA
C2 Nominal discharge current (8/20 μ s) 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/ μ s C3 (U_p)	see diagram, line C3
Voltage protection level line-line for I_{imp} D1 (U_p)	$\leq U_N + 50$ V
Voltage protection level line-PG for D1/C2/C3	≤ 550 V
Series resistance per line	≤ 9 ohms; typically 7.9 ohms
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 mm ²
Cross-sectional area of the earth terminal	2.5-4 mm ²
Dimensions (L x W x H)	93 x 93 x 55 mm
Enclosure material	polycarbonate
Colour	grey
Test standards	IEC 61643-21 / EN 61643-21
Approvals	EAC
Weight	142 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364137332
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.