

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

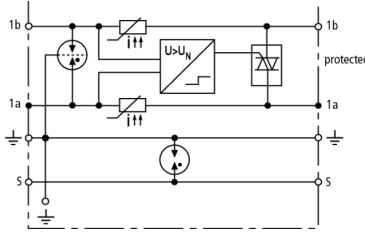
Universal voltage type with actiVsense technology

Suitable for wall mounting, IP65

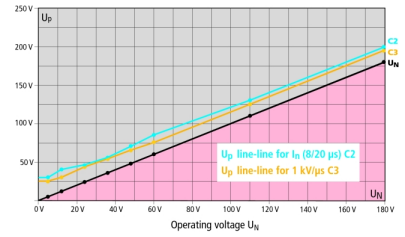
Installation in conformity with the lightning protection zones concept at the boundaries from  $O_A - 2$  and higher



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	<b>TYPE I PI</b>
Nominal voltage ( $U_N$ )	0 - 180 V
Frequency of the nominal voltage ( $f_{UN}$ )	0 - 400 Hz
Max. continuous operating d.c. voltage ( $U_C$ )	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 at 80°C $I_L$ (according to max. short-circuit current)	100 mA
D1 Total lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	9 kA
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	2.5 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
C2 Nominal discharge current (8/20 $\mu$ 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/ $\mu$ 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	$\leq 550$ V
Series impedance per line	$\leq 9$ ohms; typically 7.9 ohms
Capacitance line-line (C)	$\leq 80$ pF
Capacitance line-PG (C)	$\leq 70$ pF
Operating temperature range	-25°C...+40°C
Degree of protection (arrester plugged-in)	IP 65
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
Weight	144 g
Customs tariff number	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.