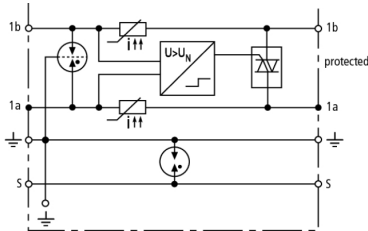


DBX U2 KT BD S 0-180 (922 200)

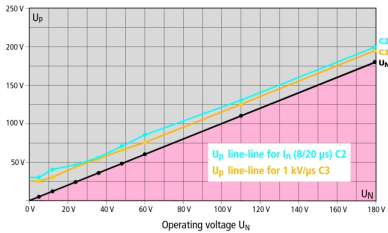
Universal voltage type with actiVsense technology
Suitable for wall mounting, IP65
Installation in conformity with the lightning protection zones concept at the boundaries from 0_A – 2 and higher



Figure without obligation



Basic circuit diagram DBX U2 KT DB S 0-180



Voltage protection level diagram DBX U2 KT DB 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 IPI
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})	≤ +/- 5 V
Cut-off frequency line-line (U _{signal} , balanced 100 ohms) (f _G)	50 MHz
Nominal current at 80°C I _L (according to max. short-circuit current)	100 mA
D1 Total lightning impulse current (10/350 μs) (I _{imp})	9 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)	≤ UN + 50 V
Voltage protection level line-PG for D1/C2/C3	≤ 550 V
Series impedance per line	≤ 9 ohms; typically 7.9 ohms
Capacitance line-line (C)	≤ 80 pF
Capacitance line-PG (C)	≤ 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	143,61 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.