

EIB/KNX



Application

Halogen-free and flame-retardant bus cable for EIB / KNX (European Installation Bus) systems for indoor installation, for example. intelligent building installations.

Standard

EIB/KNX Standard
EN 50575:2014
IEC 332-1
IEC 60754-1-2
IEC 61034-2

Cables for general applications in construction works subject to reaction to fire requirements

Material standard
Measurement of smoke density of cables burning under defined conditions. Part 2: Test procedure and requirements.

Construction

Cable Shape	Round
Conductors	Solid Copper
Conductor Insulation	Halogen free compound
Marking of cores	Pair 1: Black, red Pair 2: Yellow, white
Shield / Screen Material	PE/AL foil
Outer Sheath	Halogen free compound

Temperature

Maximum operating Temperature	max. 70°C
Minimum operating Temperature for cable type [°C]	min. - 25°C
Temperatures at installation [°C]	min. -5°C to 50°C

Features

CPR Performance class	Dca-s2, d1, a1 DOP no. 1004252 DOP finder: http://www.dop.prysmian.dk
Bending radius	8 x D
REACH/SVHC declaration	Meet the demand for REACH
RoHS declaration	Meet the demand for RoHS

Electrical

Test Voltage [kV]	4 kV/1 min.
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Conductor and screen dimension [mm]	Number of Pairs	Diameter over sheath [mm]	Cable weight [kg/km]	DC Resistance at +20°C [Ω/km]	EAN/GTIN number
2x2x0,8	2	7,6	60	36,6	8717511445252