



TECHNICAL FEATURES

Operating temperature	-10 °C ÷ +70 °C / laying temp. + 5 °C ÷ +70 °C
Rated voltage	300/500 V or 450/750 V
Testing Voltage	2,0 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand Cl.5 > 1,00m2
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	DIN 47100 < 0,75mm2 / UNEL 007722 HD 308 > 0,75mm2
Tape separator	Polyester foil
Screening	Bare copper braid coverage > 70%
Outer Sheath material	Thermoplastic material based PVC (quality TM2)
Colour outer sheath	Grey RAL 7035
Printing	Acc. to IMQ standards
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile 10 x cable Ø
Standards	CEI 20-20 / 20-22 II / 20-29 / 20-34 / CEI 20-35 (EN 60332-1) 20-37 pt.2 (EN 50267) 20-52 35376 - 35377

APPLICATION

Suitable for mobile and fixed installations. In low voltage circuits, signal and control. Particularly suitable for construction sites, trade shows and connections of mobile equipment. Can be laid inside dry or wet rooms and outdoors for temporary use.

SPECIAL FEATURES

Flame retardant CEI 20-35 / EN 60332-1)
Low smoke and reduced corrosive gas emission CEI 20-37 pt.2
Good water and rain resistance
Lead free CEI 20-52

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.
Customized versions on demand
Also available in Halogen-free, screened and armoured

Section mm ²	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km	Section mm ²	Nom. O.D. mm	Copper weight kg/km	Approx. Cable weight kg/km
Control 300/500V				2 x 2,50	8,7	48	108
2 x 1,00	5,9	19,2	55	3 x 2,50	9,2	72	142
3 x 1,00	6,4	28,8	69	4 x 2,50	10,3	96	182
4 x 1,00	7,2	38,4	85	5 x 2,50	11,8	120	220
5 x 1,00	8,0	48	105	6 x 2,50	12,6	144	305
6 x 1,00	8,2	57,6	122	7 x 2,50	12,6	168	325
7 x 1,00	8,8	67,2	135	8 x 2,50	13,6	192	370
10 x 1,00	10,5	96	192				
12 x 1,00	11	115,2	219	2 x 4,00	9,4	76,8	157
Installation 450/750V				3 x 4,00	11,1	115,2	209
2 x 1,50	7,4	28,8	80	4 x 4,00	12,4	153,6	270
3 x 1,50	8,1	43,2	103				
4 x 1,50	8,9	57,6	127				
5 x 1,50	9,9	72	157				
6 x 1,50	10,7	86,4	182				
7 x 1,50	11	100,8	203				
8 x 1,50	11,3	115,2	237				
10 x 1,50	13,4	144	288				
12 x 1,50	13,6	172,8	331				

MULTICORE INSTALLATION AND CONTROL CABLES

The data and sketches of this technical leaflet are not binding and can be varied as a consequence of modifications and/or improvements deemed necessary by the manufacturer. Tolerances on weights and diameters ± 5%.