

FROH2R

Cu/PVC/PVC screened



ITALCOND - MADE IN ITALY

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 - 2,5 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp. IEC 60228
Conductor material	Bare copper flexible
Conductor Class	Class 5 DIN VDE 0295 resp. IEC 60228
Core insulation	Thermoplastic material based PVC (quality TI2)
Core identification	DIN 47100 < 0,75mm ² / UNEL 007722 HD 308 > 0,75mm ²
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	To be defined
Max. temp. of short circuit	150 °C (max. 5 sec)
Min. bending radius	Fixed 4 x cable Ø / mobile 10 x cable Ø

APPLICATION

Suitable for mobile and fixed installations in low voltage circuits, signal and control. Connections of equipment. Can be laid inside dry or wet rooms.

SPECIAL FEATURES

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

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	Nom. O.D.	Copper weight	Approx. Cable weight	Section	Nom. O.D.	Copper weight	Approx. Cable weight
mm ²	mm	kg/km	kg/km	mm ²	mm	kg/km	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 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