

H07RN-F Rubber



TECHNICAL FEATURES

Operating temperature:	-25°C ÷ +60° C / laying temp. -25°C ÷ +60°C
Rated voltage:	450/750V
Testing Voltage	2,5 kV
Current carrying capacity	Acc. to DIN VDE 0295 resp IEC 60228
Conductor material	Bare copper strand
Conductor Class	Class 5 DIN VDE 0295 resp IEC 60228
Core insulation	Elastometric rubber compound (quality EI4)
Core identification	Acc. to CEI UNEL 00722 / HD 308 / VDE-0293
Outer Sheath material	Polychloroprene (Neoprene) quality EM2
Colour outer sheath	Black
Printing	to HAR standards
Max. temp. of short circuit:	200° C (max. 5 sec)
Min. bending radius:	fixed 3 x cable Ø / mobile 4 x cable Ø
Standards	Harmonized cable <HAR> CEI 20-19/4/20-35 (EN 60332-1) CENELEC HD 22.4.S2 UNEL 35364

APPLICATION

For connecting power tools, mobile units and machines for medium mechanical stress requirements in dry, humid and wet environments, for outdoor use, in explosive areas, for industrial and agricultural plants and construction sites, motors and transportable generators.

SPECIAL FEATURES

Flame retardant CEI 20-35 / EN 60332-1)

REMARKS

Conform to RoHS
CE acc. to EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.
Lead free CEI 20-52
Customized versions on demand

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
1 x 1,50	5,90	14,40	50	3 G 10	20,60	288,00	675
1 x 2,50	6,60	24,00	65	3 G 16	23,60	460,80	950
1 x 4,00	7,50	38,40	90	3 G 25	27,30	720,00	1.360
1 x 6,00	8,30	57,60	115	3 G 35	30,30	1.008,00	1.795
1 x 10	10,10	96,00	182	3 G 50	34,90	1.440,00	2.480
1 x 16	11,30	153,60	255	3 G 70	39,10	2.016,00	3.285
1 x 25	13,10	240,00	365	3 G 95	45,30	2.736,00	4.210
1 x 35	14,70	336,00	485	3 G 120	49,10	3.456,00	5.280
1 x 50	16,80	480,00	680	3 G 150	59,60	4.320,00	6.420
1 x 70	18,90	672,00	910	4 G 1,00	9,90	38,40	135
1 x 95	21,20	912,00	1.160	4 G 1,50	10,90	57,60	172
1 x 120	23,40	1.152,00	1.460	4 G 2,50	12,90	96,00	250
1 x 150	25,70	1.440,00	1.780	4 G 4,00	14,80	153,60	350
1 x 185	28,20	1.776,00	2.190	4 G 6,00	16,90	230,40	470
1 x 240	31,30	2.304,00	2.830	4 G 10	22,50	384,00	830
1 x 300	34,10	2.880,00	3.480	4 G 16	25,30	614,40	1.175
1 x 400	39,70	3.840,00	4.500	4 G 25	30,20	960,00	1.720
2 x 1,00	8,30	19,20	90	4 G 35	33,70	1.344,00	2.285
2 x 1,50	9,20	28,80	115	4 G 50	38,60	1.920,00	3.155
2 x 2,50	11,00	48,00	165	4 G 70	43,50	2.688,00	4.215
2 x 4,00	12,60	76,80	230	4 G 95	49,40	3.648,00	5.445
2 x 6,00	14,20	115,20	302	4 G 120	54,00	4.608,00	6.770
2 x 10	19,20	192,00	545	5 G 1,00	10,90	48,00	160
2 x 16	22,00	307,20	765	5 G 1,50	12,00	72,00	205
2 x 25	25,40	480,00	1.090	5 G 2,50	14,20	120,00	300
3 G 1,00	8,90	28,80	110	5 G 4,00	16,60	192,00	420
3 G 1,50	9,90	43,20	140	5 G 6,00	18,80	288,00	580
3 G 2,50	11,80	72,00	202	5 G 10	24,80	480,00	1.120
3 G 4,00	13,50	115,20	280	5 G 16	28,10	768,00	1.440
3 G 6,00	15,20	172,80	375	5 G 25	33,40	1.200,00	2.115

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%.

