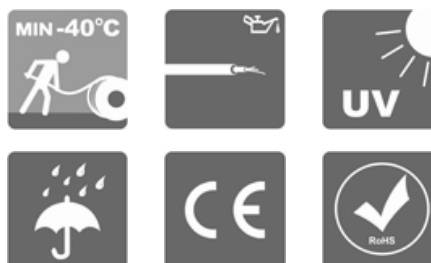


HO5RN-F 300/500 V

EN 50525-2-21



Flexible rubber insulated and sheathed cables



CONSTRUCTION

Conductors	Annealed flexible stranded tin coated or bare copper class 5 to IEC 60228, HD 383
Separator	A suitable tape separator between the conductor and insulation
Insulation	Ethylene-propylene rubber (EPR) type EI4
Circuit identification	Colour coding of power conductors comply to HD 308 , DIN VDE 0293- 308
Twin	Blue and brown
3-core	Green-yellow, blue, brown
Outer jacket	A synthetic thermosetting compound type EM2
Colour of outer jacket	Black or colours can be provided

FEATURES

- Excellent flexibility
- Flame retardant
- Temperature range -30°C to $+60^{\circ}\text{C}$
- UV, sunlight, ozone resistant
- Ink jet printed for easy identification

APPLICATIONS

- For general use in domestic premises, kitchens, offices and for supplying appliances where the cables are subjected to low mechanical stresses (eg. vacuum cleaners, cooking appliances, soldering irons, toasters)
- Other industrial applications

Standard length cable packing	1000m on drums. Other forms of packing and delivery are available on request
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Size	Stranding	Maximum diameter of wire	Nominal thickness of insulation	Nominal thickness of jacket	Approx. O.D. of cable	Approx. weight of cable	Maximum resistivity of conductor 20°C
n x mm ²	N x mm	mm	mm	mm	mm	kg/km	Ω/km
2 x 0,75	22x0.2	0,21	0,6	0,8	6,2	53	26,7
2 x 1	29x0.2	0,21	0,6	0,9	6,6	63	20,0
3 x 0,75	22x0.2	0,21	0,6	0,9	6,7	66	26,7
3 x 1	29x0.2	0,21	0,6	0,9	6,9	75	20,0

Current ratings at ambient air temperature: 30°C

Conductor operating temperature: 60°C

Conductor cross-section (mm ²)	Current ratings in Ampere (A)	
	Single phase	Three phase
0,75	6	6
1	10	10
1,5	16	16
2,5	25	20
4	32	25
6	40	-

These values apply to the majority of cases. Further information should be sought in unusual cases eg.:

- when high ambient temperatures are involved, ie. above 30°C
- where long lengths are used
- where ventilation is restricted
- where the cords are used for other purposes, eg. internal wiring of apparatus

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