

FRHF Power

Copper power cable FRHF

0.6/1 (1.2) kV



For fixed installations indoors and outdoors. Not to be laid in soil nor directly in cast concrete. For locations where safety requires the operation of alarm, control, signalling and energy circuits also during a fire. Halogen free and flame retardant.

Additional information	IEC 60331-21 Fire resistant, 180 min. IEC 60331-1, -2 EN 50200, EN 50362 Fire resistant with shock, 90 min. IEC 60332-3-22 EN 60332-3-22 Flame retardant in a bunch, Category A IEC 61034 EN 61034 Low smoke density IEC 60754 EN 60754 Halogen free, non corrosive EN 50289-1-6 Electromagnetic performance
Standards	HD 604 S1:1994/A3:2005 5-D; IEC 60502-1:2004 Applicable parts
Conductor	1,5...4 mm ² circular solid copper, EN/IEC 60228 class 1 6...50 mm ² circular stranded copper, EN/IEC 60228 class 2
Insulation	Halogen free XLPE, mica tape
Core Identification	blue, brown brown, black, grey yellowgreen, blue, brown yellowgreen, blue, brown, black (1,5 and 2,5 mm ²) yellowgreen, brown, black, grey (4 mm ²) yellowgreen, blue, brown, black, grey
Oversheath	UV-protected, halogen free polyolefin compound , orange
Size	3G50
Product code	1146555
Voltage	0.6/1 (1.2) kV
Nominal diameter of complete cable mm	29
Nominal weight of cable kg/km	1993
Min. bending radius, handling mm	348

Min. bending radius, final bending mm	244
Max. pulling force by pulling-eye kN	2.25
Maximum DC resistance at 20 °C Ω/km	0.387
Min. cable temperature during handling °C	-15
Max. conductor temperature °C	90
Max. cond. temp. short circuit max. 5 s °C	250
standard packing m	Drum 500
Electricity number	6438176302040
EAN code	6438176302040

