ttcables
ELECTRIC CABLE WORKS

MMJ-HF/EXQ Light/IFXI LX

Cable with Cu conductors, XLPE insulated and HFFR sheathed

APPLICATION

The cable is a halogen free, XLPE-insulated and HFFR-sheathed house wiring cable with circular, copper conductors. For fixed surface and flush-mounted installations, indoors and outdoors. Suitable for installation directly in ground. This cable is recommended for use in public and industrial settings whenever good fire retardant qualities, reduced fumes, toxic and corrosive gases emissions are required in the case of fire.
Cables need to be installated according to local Danish securtity regulation "Installeres iht. Elsikkerhedsloven".

CONSTRUCTION

Conductors: Cu, according to EN 60228
Insulation: XLPE compound
Bedding: Halogen-free polyolefin compound
Sheath: HFFR compound, white, UV resistant

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:
2-core: ● Brown ● Blue
3-core (a): ◐ Green/Yellow ● Brown ● Blue
3-core (b): ● Black ● Brown ● Grey
4-core (a): ◐ Green/Yellow ● Brown ● Black ● Grey
4-core (b): ● Blue ● Brown ● Black ● Grey
5-core: ◐ Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:
○ White
Other colours available on request

TECHNICAL CHARACTERISTICS

CPR Class: EXQ light/ /IFXI LX: Dca s2,d2,a1
MMJ-HF: Dca s1,d2,a1
Rated voltage: MMJ-HF (6-25 mm2): 450/750 V
EXQ Light/IFXI LX (1,5-2,5 mm2): 300/500 V
Bending radius (min): 6xD
Min. handling temperature: -15°C
Min. laying temperature: -15°C
Max. conductor temperature: 90°C
Max. short-circuit temperature: 250°C
Fire properties: EN 50399 ; EN 60332-1-2
EN 60332-3-24 ; EN 60754-2; EN 61034-2

STANDARD

SS 424 02 19-5; SFS 5544, NEK 591

CERTIFICATION

CE
RoHS compliant
REACH COMPLIANT

NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	OUTER DIAM. (APPROX.)	CABLE WEIGHT (APPROX.)	(STANDARD LENGTHS/ PACKING)
mm²	Ω/km	mm	kg/km	m
2x6	3,08	12,4	269	500 D, 1000 D
2x10	1,83	14,1	377	500 D, 1000 D
2x16	1,15	16,2	537	500 D, 1000 D
3x1,5	12,1	7,6	99	500 D, 1000 D
3x2,5	7,41	8,9	144	500 D, 1000 D
3x6	3,08	13,1	324	500 D, 1000 D
3x10	1,83	14,9	461	500 D, 1000 D
3x16	1,15	17,2	668	500 D, 1000 D
4x1,5	12,1	8,2	117	500 D, 1000 D
4x2,5	7,41	9,6	173	500 D, 1000 D
4x6	3,08	14,2	390	500 D, 1000 D
4x10	1,83	16,5	569	500 D, 1000 D
4x16	1,15	19,0	829	500 D, 1000 D
5x1,5	12,1	8,9	139	500 D, 1000 D
5x2,5	7,41	10,5	207	500 D, 1000 D
5x6	3,08	15,5	474	500 D, 1000 D
5x10	1,83	18,2	702	500 D, 1000 D
5x16	1,15	20,7	1017	500 D, 1000 D