



MMJ

Installation cables 300/500 V with PVC insulation and sheath

APPLICATION

For fixed surface and flush-mounted installations, indoors and outdoors. Also suitable for installation in a slot covered with plaster as specified e.g. in SFS 6000.

- Not suitable for installation directly in ground nor directly in concrete without protective ducting.
- Not for installations subject to electrical interference (see MCCMK).
- Direct sunlight (UV) may slightly alter the colour of the sheath. General guide to use and current carrying capacities according to SFS 6000.

CONSTRUCTION

Conductors: Cu, class1 according to EN 60228

Insulation: PVC compound

Bedding: Extruded polymer

Sheath: PVC compound

TECHNICAL CHARACTERISTICS

CPR class: Eca

Test voltage: 2000 V

Rated voltage: 300/500 V

Bending radius (min): 12 D

Min. laying temperature: -15°C

Working temperature: -50°C do 90°C

Max. short-circuit temperature: 160°C

STANDARD

SFS 2091, SS 424 02 19-3, NEK 535

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

CERTIFICATION



International
Electrotechnical
Commission



NOMINAL CROSS-SECTION	CONDUCTOR SHAPE	MAX. RESISTANCE AT 20°C	INSULATION THICKNESS	SHEAT THICKNESS	OUTER DIAM. (APPROX.)		(MIN INSULA- TION RESIST. AT 70°C	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²		Ω/km	mm	mm	A		mm	kg/km	kg/km
					MIN	MAX			
2x1,5	RE	12,1	0,7	1,2	7,6	9,2	0,011	28,8	120
2x2,5	RE	7,41	0,8	1,2	8,7	10,6	0,010	48,0	165
3x1,5	RE	12,1	0,7	1,2	8,0	9,7	0,011	43,2	140
3x2,5	RE	7,41	0,8	1,2	9,3	11,2	0,010	72,0	190
4x1,5	RE	12,1	0,7	1,2	8,7	10,5	0,011	57,6	165
4x2,5	RE	7,41	0,8	1,2	10,1	12,2	0,010	96,0	230
5x1,5	RE	12,1	0,7	1,2	9,4	11,4	0,011	72,0	195
5x2,5	RE	7,41	0,8	1,2	11,0	13,3	0,010	120,0	270

