Cables 450/750 V

H07V-R

Description

These cables are indicated for executing permanent installations in housing, premises and offices, electrical control panels, as well as domestic and industrial lighting. They are easy to install thanks to their superslide insulation.

Reference Standards: UNE-EN 50525-2-31, EN 50525-2-31 and IEC 60227-3

Applications

Suitable for the following installations
- Outdoor lighting installations
- Earthing Indoor or receiver installations
- Indoor installations in housing
- Indoor installations in housing
- Premises that contain a bath or shower
- Installations on premises with fire or explosion risk
- Installations in premises with special characteristics
- Electrical installations in caravans and in caravans parks

Dimensions

Section (mm^2)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	12,1	2,85	21	Eca
1x2,5	7,41	3,40	30	Eca
1x4	4,61	4,05	47	Eca
1x6	3,08	4,50	64	Eca
1x10	1,83	5,65	105	Eca
1x16	1,15	6,60	159	Eca
1x25	0,727	8,25	252	Eca
1x35	0,524	9,30	339	Eca
1x50	0,387	11,00	470	Eca
1x70	0,268	13,00	698	-
1x95	0,193	16,10	958	-
1x120	0,153	16,30	1.155	-
1x150	0,124	18,35	1.380	-
1x185	0,101	20,60	1.773	-
1x240	0,0775	23,15	2.259	-

Technical Characteristics

1. Conductor	Electrolytic copper conductor, Class II, according to BS EN 60228:2005 (previously BS6360) and EN 60228.
2. Insulation	PVC insulation, type TI-1, according to BS 21031-3 and HD21.3S3:1995/A2:2008.
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	70 ºC
Other characteristics	

Colours according to UNE-EN 50525-1 and EN 50525-1
Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
CPR Classification according to EN 50575

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