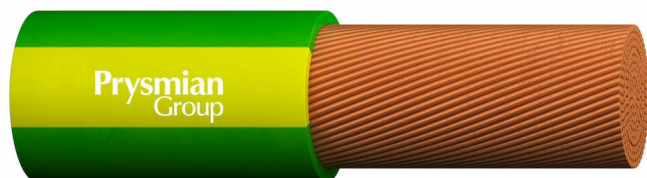


H07V-K 450/750V CPR E

H07V-K 450/750V - PVC flexible insulated cores



Round PVC flexible insulated core for indoors application. Can be used in dry premises, for medium duties. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

STANDARDS

RoHS



ezü



EN 50525-2-31
EN 60228
EN 50363-3
EN 50575
EN 60332-1-2

General
Conductor
Compound
Fire performance
Fire performance

CABLE-DESIGN

Conductor category	Class 5 = flexible
Conductor material	Copper
Shape of conductor	Round
Core insulation material	Polyvinyl chloride (PVC)
Material outer sheath	

CHARACTERISTICS

Bending radius (rule)	4 x D
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CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes

ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Test voltage [kV]	2.5
Rated voltage U0/U (Um)	450/750 V
Max. conductor temperature [°C]	70
Laying temperature (min) [°C]	-5

CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
1x1,5	Round	20208284	2.91	19	0.17
1x2,5	Round	20208290	3.52	31	0.29
1x4	Round	20208148	4.05	44	0.46
1x6	Round	20208182	4.58	62	0.69
1x10	Round	20208003	6.1	106	1.15
1x16	Round	20208022	7.2	159	1.84
1x25	Round	20208037	8.6	244	3.18
1x35	Round	20208048	9.9	328	4.49