CYKY

Cabluri izolate cu PVC pentru instalatii fixe | Power cable for fixed installations



Constructie

1. Conductor din cupru, clasa 1
2. Izolatie din PVC
3. Strat umplutura
4. Manta din PVC

Construction

1. Copper conductor, class 1
2. PVC insulation
3. Filler layer
4. PVC sheath

Specificatia tehnica

Tensiunea nom.: 450/750 V
Temperatura minima:
– instalare si manipulare: +4 °C
– depozitare: –40 °C
Temperatura max. de depozitare: +40 °C
Temperatura de lucru: min. –40 °C max. +70 °C
Utilizare: in instalatii fixe exterioare ingropate in pamant sau sub tencuiala, in incaperi , pentru instalatii fixe si sub tencuiala.
Culoarea mantalei: negru
Standard de fabricatie: ST 104
Identificare conductori conf. VDE 0293, HD 308
Ambalare: colaci de 100, tamburi de lemn.
Rezistenta la flacara conf. IEC 60332-1.
Cablurile sint rezistente la radiatii UV

Technical specification

Rated voltage: 450/750 V
Operating temperature: min. –40 °C max. +70 °C
Min. perm. temp.
– with installation and handling: +4 °C
– storage: –40 °C
Max. perm. storage temp.: +40 °C
Application: For fixed installation in open air, in the ground and in the concrete, for indoor installation and installation under plaster.
Colour of sheath: black
Manufactured according to: ST 104
Core identification acc. to VDE 0293, HD 308
Standard packing: coils 100 m, drums, one-way reels 500 m
Flame retardant according to IEC 60332-1.
Cables are resistant to UV radiation

Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Forma conductor Conductor shape	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)	Sarcina Current carrying capacity (A)
2X1.5	ru	0.7	1.0	8.1	107	12.1000	23
2X2.5	ru	0.8	1.0	9.3	150	7.4100	32
2X4	ru	0.9	1.0	10.6	208	4.6200	42
2X6	ru	1	1.0	12.2	287	3.0800	53
3X1.5	ru	0.7	1.0	8.5	126	12.1000	23
3X2.5	ru	0.8	1.0	9.8	179	7.4100	32
3X4	ru	0.9	1.0	11.4	259	4.6200	42
3X6	ru	1	1.2	13.4	365	3.0800	53
3X10	ru	1	1.2	15.1	518	1.8300	74
3X16	ru	1	1.4	17.6	771	1.1500	80
4X1.5	ru	0.7	1.0	9.2	153	12.1000	23

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Nr. conductori x sectiunea Cores no x cross-section (nxmm2)	Forma conductor Conductor shape	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)	Sarcina Current carrying capacity (A)
4X2.5	ru	0.8	1.0	10.7	220	7.4100	32
4X4	ru	0.9	1.0	12.5	320	4.6200	42
4X6	ru	1	1.2	14.6	452	3.0800	53
4X10	ru	1	1.2	16.5	650	1.8300	74
4X16	ru	1	1.4	19.3	972	1.1500	80
5X1.5	ru	0.7	1.0	10.0	183	12.1000	21
5X2.5	ru	0.8	1.0	11.8	272	7.4100	30
5X4	ru	0.9	1.2	14.0	401	4.6200	42
5X6	ru	1	1.2	15.9	548	3.0800	53
5X10	ru	1	1.2	18.1	793	1.8300	74
5X16	ru	1	1.4	21.1	1189	1.1500	80
7X1.5	ru	0.7	1.0	10.8	225	12.1000	12
7X2.5	ru	0.8	1.2	13.2	350	7.4100	16
7X4	ru	0.9	1.2	15.2	501	4.6200	28
12X1.5	ru	0.7	1.2	14.6	404	12.1000	10
12X2.5	ru	0.8	1.2	17.1	595	7.4100	13
12X4	ru	0.9	1.4	20.2	883	4.6200	25
19X1.5	ru	0.7	1.2	16.9	570	12.1000	9
19X2.5	ru	0.8	1.4	20.3	871	7.4100	11
19X4	ru	0.9	1.6	24.0	1295	4.6200	23
24X1.5	ru	0.7	1.4	20.0	778	12.1000	7
24X2.5	ru	0.8	1.6	24.0	1184	7.4100	10
24X4	ru	0.9	1.6	28.0	1724	4.6200	21
30X1.5	ru	0.7	1.6	21.5	918	12.1000	7
30X2.5	ru	0.8	1.6	25.3	1372	7.4100	10
30X4	ru	0.9	1.6	29.6	2011	4.6200	19

ru – conductor rotund unifilar | round solid conductor
rm – conductor rotund multifilar | round stranded conductor
sm –conductor sector multifilar | stranded sector shaped conductor