NYM

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

Specificatia tehnica

Tensiunea nom.: 300/500 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 incaperi uscate sau umede, pentru instalatii fixe si sub tencuiala.
Culoarea mantalei: gri
Standard de fabricatie: DIN VDE 0250-204/12.2000
Identificare conductori conf. VDE 0293, HD 308
NYM–J cu conductor verde-galben
NYM–O fara conductor verde-galben
Ambalare: colaci de 100, tamburi de lemn.
Rezistenta la flacara conf. IEC 60332-1.

Technical specification

Rated voltage: 300/500 V
Min. perm. temp.
– with installation and handling: +4 °C
– storage: –40 °C
Max. perm. storage temp.: +40 °C
Operating temperature: min. –40 °C max. +70 °C
Use: Indoors, for fixed installation in dry or moist rooms or under plaster.
Colour of sheath: grey
Manufactured according to: DIN VDE 0250-204/12.2000
Core identification acc. to VDE 0293, HD 308
NYM–J with green-yellow core
NYM–O without green-yellow core
Packing: coils 100 m, drums, one-way reels
Flame retardation according to IEC 60332-1.

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	0.6	1.4	8.5	114	12.1000	23
2X2.5	ru	0.7	1.4	9.6	157	7.4100	32
2X4	ru	0.8	1.4	11.0	217	4.6200	42
2X6	ru	0.8	1.4	12.6	298	3.0800	53
2X10	ru	1.0	1.6	15.3	454	1.8300	74
2X16	ru	1.0	1.6	18.6	690	1.1500	88
2X25	rm	1.2	1.6	22.0	1012	0.7270	101
2X35	rm	1.2	1.8	24.7	1318	0.5240	175
3X1.5	ru	0.6	1.4	8.9	133	12.1000	23
3X2.5	ru	0.7	1.4	10.1	186	7.4100	32
3X4	ru	0.8	1.4	11.6	262	4.6200	42
3X6	ru	0.8	1.4	13.3	363	3.0800	53

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)
3X10	ru	1.0	1.6	16.2	557	1.8300	74
3X16	ru	1.0	1.6	19.7	853	1.1500	80
3X25	rm	1.2	1.8	23.9	1288	0.7270	101
3X35	rm	1.2	1.8	26.3	1660	0.5240	126
4X1.5	ru	0.6	1.4	9.5	159	12.1000	23
4X2.5	ru	0.7	1.4	11.0	226	7.4100	32
4X4	ru	0.8	1.4	13.2	344	4.6200	42
4X6	ru	0.8	1.4	14.4	446	3.0800	53
4X10	ru	1.0	1.6	17.6	689	1.8300	74
4X16	ru	1.0	1.6	21.6	1065	1.1500	80
4X25	rm	1.2	1.8	26.1	1615	0.7270	101
4X35	rm	1.2	1.8	28.9	2093	0.5240	126
5X1.5	ru	0.6	1.4	10.2	188	12.1000	21
5X2.5	ru	0.7	1.4	11.8	270	7.4100	30
5X4	ru	0.8	1.4	14.3	411	4.6200	42
5X6	ru	0.8	1.4	15.6	537	3.0800	53
5X10	ru	1.0	1.6	19.1	834	1.8300	74
5X16	ru	1.0	1.8	24.0	1320	1.1500	80
5X25	rm	1.2	1.8	28.6	1973	0.7270	101
5X35	rm	1.2	1.8	31.7	2564	0.5240	175
7X1.5	ru	0.6	1.4	11.0	229	12.1000	12
7X2.5	ru	0.7	1.4	13.4	355	7.4100	16

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