



NSSHOU 6 Core Yellow flexible

Applications:

The cables are suitable for fixed installation and flexible operation as power supply cables to motors, distribution boards etc. For underground mining applications, for tunnel building applications, for open cast mining applications, for use in quarries and similar applications. Permitted for applications to DIN VDE 0118

Conductors:

Annealed flexible copper, class 5

Insulation:

EPR (Ethylene propylene rubber)

Core identification:

Coloured cores with printed numbers

Screen:

TCW (Tinned copper wires) Only 3 of the 6 cores are screened

Bedding:

EPR (Ethylene propylene rubber)

Sheath/Jacket:

PCP (Polychloroprene)

Colour:

Yellow

Voltage:

600 / 1000 volts

Operating temperature:

Maximum 80°C, minimum bending -25°C (In motion), -40°C (Fixed)

Standards:

DIN VDE0250 Part 812: Cables, wires and flexible cords for power installation:

Rubber insulated cable NSSHOU, IEC60332: Tests on electric and optical fibre cables under fire conditions

IEC60811-2-1: Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 2: methods specific to elastomeric compounds Section 1: ozone resistance, hot set and mineral oil immersion tests

VDE0473 Part811-2-1: Resistance to oil

VDE 0482 Part 332-1-2: Behaviour in case of fire

VDE0293: Identification of cores for cables and flexible cords used in power installations with voltage ratings up to 1000 V.

VDE0298 Part 4: Current carrying capacity



Construction	Conductor diameter mm	Overall diameter mm		Conductor resistance at 20°C	Inductance per unit length	Current carrying capacity at 30°C	Approx weight for 1000m	Max permissible tensile force N	BATT Part No.
		Min	Max						
3x2.5+3x2.5/3E+3x1.5 ST	2.0	17.1	19.1	7.98	0.32	30	510	113	82103
3x4+3x4/3E+3x1.5 ST	2.4	17.8	19.8	4.95	0.31	41	552	180	-
3x6+3x6/3E+3x1.5 ST	2.9	18.4	20.4	3.3	0.29	53	628	270	82102
3x10+3x10/3E+3x2.5 ST	4.0	22.1	24.1	1.91	0.28	74	934	450	82128
3x16+3x16/3E+3x2.5 ST	5.0	23.9	25.9	1.21	0.27	99	1175	720	82101
3x25+3x16/3E+3x2.5 ST	6.3	27.7	30.7	0.780	0.26	131	1640	1125	82107
3x35+3x16/3E+3x2.5 ST	7.5	30.1	33.1	0.554	0.25	162	2010	1575	82130
3x50+3x25/3E+3x2.5 ST	8.9	36.5	39.5	0.386	0.25	202	2800	2250	-
3x70+3x35/3E+3x2.5 ST	10.7	40.6	43.6	0.272	0.24	250	3800	3150	-
3x95+3x50/3E+3x2.5 ST	12.3	45.5	48.5	0.206	0.24	301	4800	4275	-
3x120+3x70/3E+3x2.5 ST	14.3	51.9	55.9	0.161	0.23	352	5980	5400	-
3x150+3x75/3E+3x2.5 ST	16.0	56.2	60.2	0.129	0.23	404	7350	6750	-
3x185+3x95/3E+3x2.5 ST	17.7	62.8	66.8	0.106	0.23	461	9100	8325	-

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