

Novoflex 7420 SK-C-TPE UL/CSA

Highly flexible TPE-sheathed shielded motor cable

Specification

STANDARD	VDE 0295, IEC 60228
APPROVALS	UL/CSA 80°C, 1000 V, cULus 80°C, 1000 V
RATED VOLTAGE UO/U	0,6/1kV
RATED VOLTAGE ACC TO. UL/CSA	1000V
CONDUCTOR CLASS	Class 6 = extra fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	TPE
CORE IDENTIFICATION	Black with phase marking
PROTECTIVE CONDUCTOR	Yellow/Green
INNER SHEATH MATERIAL	TPE
OVERALL SHIELD	Braided tinned copper wire
SHIELD COVERAGE	>85%
OUTER SHEATH	TPE
SHEAT COLOUR	Black RAL 9005
BENDING RADIUS FIXED	4 x cable diameter
BENDING RADIUS MOVED	7,5 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-50°C
MAX OPERATING TEMPERATURE FIXED	+90°C
MIN OPERATING TEMPERATURE MOVED	-40°C
MAX OPERATING TEMPERATURE MOVED	+90°C

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MAX. SPEED / TRAVEL DISTANCE	10 m/s unsupported, 6 m/s sliding, max 400m
MAX. ACCELERATION	80 m/s²
TESTING VOLTAGE	4000V
CONDUCTOR RESISTANCE	See technical appendix
FLAME RETARDANT	IEC 60332-1

Variants

E-NUMBER	DIMENSION N X MM²	OUTER DIAMETER MM	WEIGHT KG/100M
N8470040	4G1,5	9.8	14.8
N8471040	4G2,5	11.2	21
N8471050	5G2,5	12.4	26
N8472040	4G4,0	13.7	32.5
N8472050	5G4,0	14.9	39.5
N8473040	4G6,0	16.2	46.1
N8473050	5G6,0	17.8	56.1
N8474040	4G10	20.6	76
N8474050	5G10	22.5	92
N8475040	4G16	25.3	114
N8475050	5G16	27.9	140.5
N8476040	4G25	28.8	161.6
N8477040	4G35	34.6	229
N8478040	4G50	40.4	324

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