Kontakt:

Tel.: +49 7423 921 - 0
kabeltec@kabeltec.de

Sondertypen / Special Manufacturing

9YSLSTCYK-JB UL Black

Flexible Motoranschlussleitung UL/CSA
Flexible motor connection cables Ul/CSA

Verwendung:

Wherever drives from a single unit together with cable, frequency converter and motor, and the potential for electromagnetic interferenece is high.
Suitable for automotive systems, machine tool manufacturing, production plants.
Advantage: the double screened motor connecting cable with low operating capacitance of the PE single wire and low screen capacitance enable a low-loss power transmission in comparison with conventional PVC connecting cables.
The cable is also suitable for outdoor use within the indicated working temperature.
[INDEX:20201001SQ]

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Aufbau:

- flexible bare copper conductors, acc. to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
-PP insulation
-Color code according to DIN VDE 0293
- aluminium polyester tape
- tinned copper wire braid, 85% coverage
- outer sheath: special PVC, UL 758 80°C type TM2 acc. to CEI 20-11, VDE 0207

Construction:

- flexible bare copper conductors, acc. to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
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Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Klasse 5
Aderisolationwerkstoff	PP
Aderkennung	gemäß DIN VDE 0293
Verseilung	
Außenmantelwerkstoff	Spezial PVC, UV beständig
Mantelfarbe	black
Nennspannung [V]	1000V
Prüfspannung [V]	6000V
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	4xd
kleinster Biegeradius bewegt [xd]	15xd
Betriebstemp. fest min/max [C]	-40°C bis +80
Betriebstemp. bew. min/mac [C]	-5°C bis +80
Temperatur am Leiter max.	
Brandverhalten	Self-extinguishing IEC 60332-1 reduced fire propagation fire retardant IEC 60332-3-24; CEI 20-22 II; NBN C30-004; cat F2 flame retardant rating UL VW1 and CSA FT1
Normen	oil-resistant: DIN EN 50290-2-22 resp.VDE 0819-102; TM54 AWM UL 2570 CSA-AWM I A/B II A/B

Technical Data:

Conductor Material	Copper, bare
Conductor class	Class 5
core insulation	PP
core identification	according to DIN VDE 0293
stranding	
outer sheath	Special PVC, UV resistant
sheath colour	black
rated voltage [V]	1000V
testing voltage [V]	6000V
conductor resistance	
insulation resistance	
current carrying capacity	*
min. bending radius fixed [xd]	4xd
min. bending radius moved [xd]	15xd
working temp fixed min/max [C]	-40°C up to +80
working temp moved min/mac [C]	-5°C up to +80
temp at conductor max.	
burning behaviour	Self-extinguishing IEC 60332-1 reduced fire propagation fire retardant IEC 60332-3-24; CEI 20-22 II; NBN C30-004; cat F2 flame retardant rating UL VW1 and CSA FT1
Approvals	oil-resistant: DIN EN 50290-2-22 resp.VDE 0819-102; TM54 AWM UL 2570 CSA-AWM I A/B II A/B

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	3 x 2.5 3G0.5	10.1	11.10	18.70
	3 x 4 3G0.75	1.3	16.64	25.20
	3 x 6 3G1	12.7	23.61	33.60
	3 x 10 3G1.5	15.9	38.39	52.80
	3 x 16 3G2.5	18.2	60.29	77.00
	3 x 25 3G4	22.5	92.32	116.80
	3 x 35 3G6	25.7	128.63	158.10
	3 x 50 3G10	30.4	185.09	226.50
	3 x 70 3G10	35.9	248.23	301.00
	3 x 95 3G16	39.9	338.90	399.10
	3 x 120 3G16	42.7	412.26	472.00
	3 x 150 3G25	47.8	527.34	606.10
	3 x 185 3G35	52.3	659.66	746.00

Kontakt:
kabeltec Gmbh | Werkstr. 43 | D-78727 Oberndorf a. N. | Tel.: +49 7423 921-0 | Fax: +49 7423 921-282 | kabeltec@kabeltec.de