

Sondertypen / Special Manufacturing

Control-CY-JZ UL Black 0,6/1kV

American and Canadian oil-resistant Control and Power Cable
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Verwendung:

UL and CSA approved Control Cable especially for European and American markets. Suitable for fixed installation under medium mechanical load conditions as well as for flexing application at free, non-continuously recurring movement without tensile load or compulsory guidance. Mainly in dry, damp and wet interiors, including water-oil mixtures. The cable is also suitable for outdoor use within the indicated working temperatures.

[INDEX:202010015Q]

Aufbau:

- flexible bare copper conductors according to CEI 20-29, Class , DIN-VDE 0295 K5 and IEC 60228 CL.5
- PVC Insulation compound TI1 and UL 80°C according to UL 1581
- black cores numbered + earth conductor
- Polyester tape
- tinned copper screening with coverage 85% +/-5%
- outer sheath: special PVC TM2 and UL 80°C acc. to UL 1581

Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Klasse 5 CEI 20-29, Class , DIN-VDE 0295 K5 and IEC 60228 CL.5
Aderisolationwerkstoff	PVC
Aderkennung	Nach DIN VDE 0293: Schwarze Adern mit fortlaufendem weißen Ziffernaufdruck
Verseilung	Adern in Lagen verseilt
Außenmantelwerkstoff	Spezial PVC, UV beständig
Mantelfarbe	Schwarz
Nennspannung [V]	UL 1000V
Prüfspannung [V]	10.000V
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	20xd
kleinster Biegeradius bewegt [xd]	6xd
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 as IEC 60332-3-24 - CEI 20-22 II and NBN C30-004, cat F2 Flame retardant rating UL 758 FT1
Normen	UL AWM Style 2570 CSA AWM I A/B II A/B UV and weather-resistant according to ISO 4892-2

Application:

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Construction:

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Technical Data:

Conductor Material	Copper, bare
Conductor class	Class 5 acc. CEI 20-29, Class , DIN-VDE 0295 K5 and IEC 60228 CL.5
core insulation	PVC
core identification	Acc. to DIN VDE 0293: Black cores with white numerals
stranding	Cores twisted in layers
outer sheath	Special PVC, UV resistant
sheath colour	black
rated voltage [V]	UL 1000V
testing voltage [V]	10.000V
conductor resistance	
insulation resistance	
current carrying capacity	
min. bending radius fixed [xd]	20xd
min. bending radius moved [xd]	6xd
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 as IEC 60332-3-24 - CEI 20-22 II and NBN C30-004, cat F2 Flame retardant rating UL 758 FT1
Approvals	UL AWM Style 2570 CSA AWM I A/B II A/B UV and weather-resistant according to ISO 4892-2

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
	18 x 1.5 AWG16	14.80	32.93	45.40

Kontakt: