

Leitungen nach ausländischen Normen / Cables according to foreign standards

Type W Einzelader

Tragbares Stromkabel 90°C UL CSA MSHA Industrial Grade
Portable Power Cable 90°C UL C(UL) MSHA Industrial Grade



Verwendung:

- tragbare Stromsysteme
 - andere industrielle Anwendungen
 - herausragende Flexibilität
 - wasserdicht und flammwidrig
 - schlag- und abriebfest
 - ozon-, UV-, oel-, fett- und wetterbeständig, gute chemische Resistenz
- [INDEX:20201001SQ]

Aufbau:

- Adern: Extra flexible strand bare copper (Standard Flex tin copper), B-172 and ICEA S-75-381/NEMA WC70
 - Separator: Tape separator between conductor and insulation
 - Isolation: Ethylene-propylene rubber (EPR), ICEA S-95-658 sec.3.21, table 3-6
- Verstaerkung: offenes Nylongeflecht ueber der Isolierung
Mantel: CPE thermoset Mischung, ICEA S-75-381/NEMA WC70 sec 3.21, table 3-4

Application:

- Portable power systems
 - Other industrial applications
 - Super-excellent flexibility
 - Water resistant and flame retardant
 - Excellent impact and abrasion resistant
 - Ozone, sunlight, oil, grease, weather, chemical resistant
- [INDEX:20201001SQ]

Construction:

- Conductors: Extra flexible strand bare copper (Standard Flex tin copper), B-172 and ICEA S-75-381/NEMA WC70
 - Separator: Tape separator between conductor and insulation
 - Insulation: Ethylene-propylene rubber (EPR), ICEA S-95-658 sec.3.21, table 3-6
- Reinforcement: Nylon open braid applied over insulation
Jacket: Black heavy duty CPE thermoset compound, ICEA S-75-381/NEMA WC70 sec 3.21, table 3-4

Technische Daten:

Leiter Werkstoff	Kupfer blank, extra flexibel
Leiterklasse	
Aderisolationwerkstoff	EPR
Aderkennung	
Verseilung	
Außenmantelwerkstoff	Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586
Mantelfarbe	Schwarz
Nennspannung [V]	2000V
Prüfspannung [V]	
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-40°C bis +90
Betriebstemp. bew. min/mac [C]	-40°C bis +90
Temperatur am Leiter max.	+90°C
Brandverhalten	
Normen	UL: E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90°C Wet or Dry C(UL): E207132 – FT1; FT5; -40°C +90°C MSHA: P-7K-268101

Technical Data:

Conductor Material	Extra flexible strand bare copper (Standard Flex tin copper), B-172 and ICEA S-75-381/NEMA WC70
Conductor class	*
core insulation	EPR
core identification	*
stranding	*
outer sheath	Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586
sheath colour	Black
rated voltage [V]	2000V
testing voltage [V]	*
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	*
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-40°C bis +90
working temp moved min/mac [C]	-40°C bis +90
temp at conductor max.	+90°C
burning behaviour	*
Approvals	UL: E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90°C Wet or Dry C(UL): E207132 – FT1; FT5; -40°C +90°C MSHA: P-7K-268101

Kontakt:

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
	1 x AWG 8	11.2	0.00	21.60
	1 x AWG 6	12.9	0.00	29.80
	1 x AWG 4	14.3	0.00	37.90
	1 x AWG 2	16.5	0.00	55.80
	1 x AWG 1	18.5	0.00	70.70
	1 x AWG 1 / 0	19.0	0.00	78.90
	1 x AWG 2 / 0	20.3	0.00	96.70
	1 x AWG 3 / 0	21.7	0.00	111.60
	1 x AWG 4 / 0	24.9	0.00	144.40
	1 x 250 MCM	25.4	0.00	168.20
	1 x 350 MCM	28.8	0.00	211.60
	1 x 500 MCM	31.9	0.00	284.70

Kontakt: