

Leitungen nach ausländischen Normen / Cables according to foreign standards Type W

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-, öl-, fett- und wetterbeständig, gute chemische Resistenz
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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
- Verstärkung: 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
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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	2 Adern: schwarz, weiß 3 Adern: schwarz, weiß, grün 4 Adern: schwarz, weiß, rot, grün 5 Adern: schwarz, weiß, rot, grün, orange
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.	
Brandverhalten	
Normen	UL: E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90C Wet or Dry C(UL): E207132 – FT1; FT5; -40°C +90°C MSHA: P-7K-268101

Technical Data:

Conductor Material	Flexible strand tin copper, ASTM B-172 and ICEA S-75-381/NEMA WC58
Conductor class	*
core insulation	EPR
core identification	2 core: black, white 3 core: black, white, green 4 core: black, white, green, red 5 core: black, white, green, red, orange
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.	*
burning behaviour	*
Approvals	UL: E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90C 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
	2 x AWG 8	21.1	0.00	58.10
	2 x AWG 6	23.9	0.00	84.90
	2 x AWG 4	27.3	0.00	118.00
	2 x AWG 2	32.1	0.00	169.90
	3 x AWG 8	23.1	0.00	80.50
	3 x AWG 6	25.7	0.00	106.40
	3 x AWG 4	26.5	0.00	150.30
	3 x AWG 2	33.6	0.00	209.10
	3 x AWG 1	38.4	0.00	258.10
	3 x AWG 1 / 0	41.4	0.00	301.00
	3 x AWG 2 / 0	44.0	0.00	381.80
	3 x AWG 3 / 0	47.0	0.00	429.30
	3 x AWG 4 / 0	50.6	0.00	517.70
	3 x 250 MCM	60.7	0.00	650.00
	3 x 350 MCM	67.5	0.00	877.20
	3 x 500 MCM	75.8	0.00	1163.80
	4 x AWG 8	24.6	0.00	97.60
	4 x AWG 6	28.3	0.00	135.20
	4 x AWG 4	32.1	0.00	187.80
	4 x AWG 2	36.3	0.00	261.80
	4 x AWG 1	43.4	0.00	345.60
	4 x AWG 1 / 0	45.2	0.00	405.00
	4 x AWG 2 / 0	48.0	0.00	490.10
	4 x AWG 3 / 0	51.4	0.00	572.90
	4 x AWG 4 / 0	56.3	0.00	709.20
	4 x 250 MCM	66.2	0.00	830.30
	4 x 350 MCM	74.2	0.00	1090.80
	4 x 500 MCM	84.8	0.00	1472.90
	5 x AWG 8	27.2	0.00	115.40
	5 x AWG 6	31.5	0.00	152.40
	5 x AWG 4	35.2	0.00	213.10
	5 x AWG 2	39.8	0.00	305.20
	5 x AWG 1	47.1	0.00	396.70
	5 x AWG 1 / 0	50.4	0.00	506.90
	5 x AWG 2 / 0	54.1	0.00	535.10
	5 x AWG 3 / 0	57.6	0.00	703.50

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
	5 x AWG 4 / 0	62.6	0.00	820.30
	6 x AWG 6	33.0	0.00	189.10

Kontakt: