Kontakt:

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Leitungen nach ausländischen Normen / Cables according to foreign standards

RZ1-K (AS)

Verwendung:

Power cables with fine wire strands of plain electrolytic copper wire, XLPE insulation and halogen free outer sheath.
For transport and distribution of electric power in fixed installations, indoor and outdoor and industrial use
[INDEX:20201001SQ]

Aufbau:

- flexible bar copper, class 5
- XLPE Insulation
- Identification: colors
=> 1x natural (uncolored)
=> up to 5 cores: blue, brown, black, grey, green/yellow
=> 6 cores or more: black numbered with green/yellow
- concentric stranded
- Bedding: Thermoplastic compound, LSZH
- outer sheath: halogen free compound
- outer sheath color: green

Application:

Power cables with fine wire strands of plain electrolytic copper wire, XLPE insulation and halogen free outer sheath.
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Construction:

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Technische Daten:

Leiter Werkstoff	Kupfer blank
Leiterklasse	Klasse 5
Aderisolationwerkstoff	Vernetztes Polyethylen Typ DIX-3, nach VDE 0276-603
Aderkennung	bis 5 Adern farbig, ab 6 Adern schwarz nummeriert
Verseilung	
Außenmantelwerkstoff	halogenfreie Mischung DMZ-E
Mantelfarbe	grün
Nennspannung [V]	0.6/1 (1.2) k
Prüfspannung [V]	3500
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	5 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-40°C bis +90°C
Betriebstemp. bew. min/mac [C]	-15°C bis +90°C
Temperatur am Leiter max.	
Brandverhalten	EN 60332-1-2 EN 50399 EN 61034-2 EN60754-1
Normen	Wasserresistent: AD7 Öl und Benzinbeständig UV beständig CPR Brandklasse Cca-s1b,d1,a1 Flammwidrig gemäß EN60332-1-2/IEC 60332-1-2 Feuerresistent nach EN 50399 Low smoke emission(>60%) EN 61034-2, IEC 61034-1-2 halogen frei nach EN 60754-1, IEC 60754-1 Corrositivity test nach EN 607542, IEC 60754-2

Technical Data:

Conductor Material	bare copper
Conductor class	class 5
core insulation	Cross-linked polyethylene insulation, Typ DIX-3, acc. to VDE 0276-603
core identification	up to 5 cores: colored, from 6 cores on: black cores numbered+ earth
stranding	
outer sheath	halogen free compund DMZ-E
sheath colour	green
rated voltage [V]	0.6/1 (1.2) k
testing voltage [V]	3500
conductor resistance	
insulation resistance	
current carrying capacity	
min. bending radius fixed [xd]	5 x d
min. bending radius moved [xd]	
working temp fixed min/max [C]	-40°C up to +90°C
working temp moved min/mac [C]	-15°C up to +90°C
temp at conductor max.	
burning behaviour	EN 60332-1-2 EN 50399 EN 61034-2 EN60754-1
Approvals	water resistant: AD7 oil and fuel resistant UV resistant CPR Cca-s1b,d1,a1 flame retardant EN60332-1-2/IEC 60332-1-2 fire retardant acc. to EN 50399 Low smoke emission(>60%) EN 61034-2, IEC 61034-1-2 halogen free EN 60754-1, IEC 60754-1 Corrositivity test EN 607542, IEC 60754-2

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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

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