

Ausgleichsleitungen und wärmebeständige Leitungen / Compensating cables and heatresistant SIFL/ZM1 flach

Flexible flat silicone rubber insulated cable, heat resistant, LSZH sheathed.
Flexible flat silicone rubber insulated cable, heat resistant, LSZH sheathed.



Verwendung:

[INDEX:20201001SQ]

Aufbau:

- Flexible copper class 5 CEI EN 60228
- Silicone rubber
- Thermoplastic halogen-free type TM7
- Max temp. of short circuit: 350 °C on the conductor
- 2x1,5:
 - average insulation thickness: 0,6mm, min. 0,44mm
 - nominal conductor construction: 30x0,25mm
 - nominal core diameter: 2,7 +/-0,1mm
 - average sheath thickness: 0,8mm
 - max. conductor resistance at 20°C: 13,7 Ohm/km
- 2x2,5:
 - average insulation thickness: 0,7mm, min. 0,53mm
 - nominal conductor construction: 50x0,25mm
 - nominal core diameter: 3,45 +/-0,1mm
 - average sheath thickness: 0,8mm
 - max. conductor resistance at 20°C: 8,210hm/km

Application:

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Construction:

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 - max. conductor resistance at 20°C: 8,210hm/km

Technische Daten:

Leiter Werkstoff	Kupfer verzinkt
Leiterklasse	Klasse 5
Aderisolationwerkstoff	Silicone rubber
Aderkennung	blau, rot
Verseilung	
Außenmantelwerkstoff	Thermoplastic halogen-free type TM 7
Mantelfarbe	weiß, andere Farben auf Anfrage
Nennspannung [V]	300 / 300
Prüfspannung [V]	2000V
Leiterwiderstand	siehe oben
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	3 x d
kleinster Biegeradius bewegt [xd]	4 x d
Betriebstemp. fest min/max [C]	
Betriebstemp. bew. min/mac [C]	-30°C up to +90 on the conductor
Temperatur am Leiter max.	+350°C
Brandverhalten	
Normen	

Technical Data:

Conductor Material	tin plated copper
Conductor class	Class 5
core insulation	Silicone rubber
core identification	blue, red
stranding	
outer sheath	Thermoplastic halogen-free type TM 7
sheath colour	white, other colors on demand
rated voltage [V]	300 / 300
testing voltage [V]	2000V
conductor resistance	see above
insulation resistance	
current carrying capacity	
min. bending radius fixed [xd]	3 x d
min. bending radius moved [xd]	4 x d
working temp fixed min/max [C]	
working temp moved min/mac [C]	-30°C up to +90 on the conductor
temp at conductor max.	+350°C
burning behaviour	
Approvals	

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
LP44020150/LSZH	2 x 1,5	4,2x7,0 +/-0,2mm	2.90	7.00
LP44020250/LSZH	2 x 2,5	5,0x8,4 +/-0,2mm	4.80	13.50

Kontakt: