

Sondertypen / Special Manufacturing

FQLQ 450/750V

Halogenfreies Installationskabel
Halogen-free installation cable

Verwendung:

Halogen free, no emittance of corrosive gases, low smoke density in case of fire. Fixed installation, indoors and outdoors, in pipes, ducts, in or under plaster, also suspended in catenary systems. In ground, only if the cable is protected against mechanical damage.
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Aufbau:

- stranded and annealed copper conductor
- insulation: halogen free compound
- filler: halogen free compound

concentric conductor: aluminium bonded PE in contact with drain wire of tinned copper

- sheath: halogen free compound, white, meter marked

Technische Daten:

Leiter Werkstoff	copper, stranded and annealed acc. to IEC 60228
Leiterklasse	Class 2
Aderisolationwerkstoff	Halogenfreie Isoliermischung
Aderkennung	3 Adern: gg/bl/br; 4 Adern: gg/bl/br/sw; 5 Adern: gg/bl/br/sw/gr; 7 Adern: gg+6schwarze Adern, nummeriert
Verseilung	
Außenmantelwerkstoff	Halogenfreie Mischung
Mantelfarbe	weiß
Nennspannung [V]	450/750
Prüfspannung [V]	
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-15°C bis +70
Betriebstemp. bew. min/mac [C]	
Temperatur am Leiter max.	
Brandverhalten	SS424 14 75; IEC 60332-1; EN 50265-2-1
Normen	SS 424 02 19-4 HD 604 IEC 60754-1-2 IEC 61034

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Technical Data:

Conductor Material	copper, stranded and annealed acc. to IEC 60228
Conductor class	Class 2
core insulation	Halogen-free insulation compound
core identification	3 core: gnye/bl/bn; 4 core: gnye/bl/bn/bk; 5 core: gnye/bl/bn/bk/gr; 7 core: gnye+6 black cores numbered
stranding	*
outer sheath	Halogen-free compound
sheath colour	white
rated voltage [V]	450/750
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]	-15°C up to +70
working temp moved min/mac [C]	*
temp at conductor max.	*
burning behaviour	SS424 14 75; IEC 60332-1; EN 50265-2-1
Approvals	SS 424 02 19-4 HD 604 IEC 60754-1-2 IEC 61034

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
	3 x 1.5	10.3	0.00	15.70
	3 x 2.5	12.1	8.20	20.70
	4 x 1.5	11.6	0.00	18.00
	5 x 1.5	12.4	0.00	20.60
	5 x 2.5	14.1	13.00	28.50
	7 x 1.5	13	24.50	0.00
	7 x 2.5	15.4	0.00	34.90

Kontakt: