

FIRETUF FRHF 750 V

Fire resistant halogen-free installation cable



Firetuf

APPLICATION	Alarm, control, signaling and power supply cable for fixed installations in which the safety of people requires the cable to operate for specified time during a fire. For fixed installations indoors and outdoors.
RATED VOLTAGE	U ₀ /U = 450/750 V
Declaration of Performance (DoP)	non CPR



<p>EN 50200 EN IEC 60331-1 SFS 5545 (where appl.) IEC 60332-1-2 IEC 60332-3 IEC 61034 IEC 60754</p>	<p>Fire resistance test Fire resistance test Construction Vertical flame propagation for a single insulated wire or cable</p> <p>Smoke density Corrosive gases</p>
<p>Conductor Insulation Outer sheath Fire resistant layer (core)</p> <p>Max. conductor temperature [°C] Max. conductor temperature at short circuit [°C] Permitted cable outer temperature during assembling/handling (min) [°C] Minimum permissible bending radius during laying</p>	<p>Copper Mica + XLPE Halogenfree polymer Yes</p> <p>90 250 -15 10x OD</p>

FIRE PROPERTIES

Insulation integrity	PH 120
Halogen free	Yes

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0420215	FIRETUF FRHF 750V 2X6 K7/500	6410004202159	Drum	500
0420325	FIRETUF FRHF 750V 3G6 K7/500	6410004203255	Drum	500
0427507	FIRETUF FRHF 750V 3G10 K9/500	6410004275078	Drum	500
0420375	FIRETUF FRHF 750V 5G6 K9/500	6410004203750	Drum	500
0420370	FIRETUF FRHF 750V 5G10 K11/500	6410004203705	Drum	500
0420382	FIRETUF FRHF 750V 7x1,5 K7/500	6410004203828	Drum	500
0420383	FIRETUF FRHF 750V 7x2,5 K8/500	6410004203835	Drum	500
0420385	FIRETUF FRHF 750V 12x1,5 K9/500	6410004203859	Drum	500
0420386	FIRETUF FRHF 750V 12x2,5 K500	6410004203866	Drum	500
0420392	FIRETUF FRHF 750V 19x1,5 K11/500	6410004203927	Drum	500
0420393	FIRETUF FRHF 750V 19x2,5 K500	6410004203934	Drum	500

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Max. DC resistance, conductor (20°C) [ohm/km]	Current rating, ref. install. type E [A]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
FIRETUF FRHF 750V 2X6	13	3.08	45	270	130
FIRETUF FRHF 750V 3G6	15	3.08	45	330	150
FIRETUF FRHF 750V 3G10	17	1.83	63	500	170
FIRETUF FRHF 750V 5G6	18	3.08	45	500	180
FIRETUF FRHF 750V 5G10	20	1.83	63	770	200
FIRETUF FRHF 750V 7X1,5	14	12.1	13	270	140
FIRETUF FRHF 750V 7X2,5	15	7.41	16	350	150
FIRETUF FRHF 750V 12X1,5	18	12.1	10	420	180
FIRETUF FRHF 750V 12X2,5	19	7.41	13	520	190
FIRETUF FRHF 750V 19X1,5	21	12.1	9	590	210
FIRETUF FRHF 750V 19X2,5	22	7.41	11	760	220

Current rating: installation method E (in free air, +25°C), conductor max. operation temp.