


LKSM-FRHF

Fire-resistant armoured power and control cable 0,6/1kV



DESIGN:

STANDARDS:
IEC 60092-353, design

1. Conductor	
- stranded copper conductor	IEC 60228, class 2 (class 5 on request)
- tinned stranded copper conductor on request	
2. Insulation	
- Mica tape	
- XLPE plastic	EC 60092-351
3. Bedding	
- separator tape	
4. Armour	
- copper wire braid, coverage > 90%	IEC 60092-350
- tinned copper wire braid on request	
5. Sheath	
- polyolefine plastic, SHF1, standard colour orange	IEC 60092-359
- on request thermosetting polyolefine, SHF2, standard colour black	
- other colours on request	

Flame-retardant ●

Fire-resistant ●

Halogen-free ●

Low smoke emission ●

Oil resistant (only SHF2) ●

Application: For fixed installation in most areas and on open deck in ships.
If the cable is exposed to direct sun light protective covering or cable with black outer sheath is recommended.

Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
Maximum conductor temperature	+ 90 °C
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Fire-resistant	IEC 60331-1 or IEC 60331-2
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series
Oil resistance (only SHF2)	IEC 60811-2-1 conditions according to 60092-359/SHF2

Minimum recommended installation temperature -15 °C
Lowest operation temperature -40 °C

Core identification: see technical information section

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath