


LKM-FRHF

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



DESIGN:	STANDARDS:
	IEC 60092-353, design
1. Conductor	
- stranded copper conductor	IEC 60228, class 2
2. Insulation	
- Mica tape - XLPE plastic	IEC 60092-351
3. Bedding	
- separator tape	
4. Sheath	
- polyolefine plastic, SHF1 - standard colour orange, other colours on request	IEC 60092-359

Flame-retardant ●

Fire-resistant ●

Halogen-free ●

Low smoke emission ●

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 60331-21 series
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series

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

LKM-FRHF 0,6/1kV		Number of conductors & cross-section n x mm ²	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number Normal	G-type					
28132	–	2x1,5	9,0	90	20	55
28134	–	2x2,5	10,5	125	26	65
28136	–	2x4	11,5	165	34	70
28138	–	2x6	13,0	260	44	75
28140	–	2x10	15,0	385	61	90
28142	–	2x16	17,5	550	82	105
28144	–	2x25	21,5	825	108	130
28162	28163	3x1,5	9,5	115	16	60
28164	28165	3x2,5	11,0	160	21	65
28166	28167	3x4	12,5	220	28	75
28168	28169	3x6	14,0	330	36	85
28170	28171	3x10	16,0	485	50	95
28172	28173	3x16	18,5	705	67	110
28174	28175	3x25	23,0	1060	89	135
28176	28177	3x35	25,5	1425	110	155
28178	28179	3x50	29,5	1905	137	175
28180	28181	3x70	34,5	2685	169	205
28202	28203	3x95	38,5	3540	205	230
28182	28183	4x1,5	11,0	150	16	65
28184	28185	4x2,5	12,0	200	21	75
28186	28187	4x4	13,5	280	28	80
28188	28189	4x6	15,0	405	36	90
28190	28191	4x10	18,0	610	50	105
28192	28193	4x16	20,5	900	67	125
28194	28195	4x25	25,5	1365	89	155
28196	28197	4x35	28,5	1820	110	170
28198	28199	4x50	32,5	2450	137	195
28200	28201	4x70	38,0	3430	169	230
28204	28205	4x95	43,5	4570	205	260
28212	28213	5x1,5	12,0	185	13	70
28214	28215	5x2,5	13,0	240	17	80
28216	28217	7x1,5	13,0	230	12	80
28218	28219	7x2,5	14,5	315	16	90
28240	28241	10x1,5	16,5	330	11	100
28242	28243	10x2,5	18,5	450	14	110
28220	28221	12x1,5	17,5	380	10	105
28222	28223	12x2,5	19,5	510	13	115
28244	28245	14x1,5	18,5	430	10	110
28246	28247	14x2,5	20,5	590	13	125
28248	28249	16x1,5	19,5	485	9	115
28250	28251	16x2,5	21,5	670	12	130
28224	28225	19x1,5	20,5	565	9	125
28226	28227	19x2,5	23,0	765	11	135
28228	28229	24x1,5	24,5	725	8	145
28230	28231	24x2,5	27,5	995	10	165
28232	28233	27x1,5	25,0	795	8	150
28236	28237	27x2,5	28,0	1095	10	170
28234	28235	37x1,5	28,0	1050	7	170
28238	28239	37x2,5	31,5	1450	9	190

G-type is with yellow/green earth conductor and marking on sheath is, for example, 3G1,5

