


LKMSM-HF Armoured power cable with extruded filler 0,6/1kV



DESIGN:	STANDARDS:
	IEC 60092-353, design
1. Conductor	
- stranded copper conductor 1,5–10mm ²	IEC 60228, class 2
- stranded copper conductor 16–150mm ²	IEC 60228, class 5
2. Insulation	
- XLPE plastic	IEC 60092-351
3. Bedding	
- extruded filler	
4. Armour	
- copper wire braid, coverage > 90%	IEC 60092-350
5. Sheath	
-black polyolefine plastic, SHF1	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.

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
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

LKMSM-HF 0,6/1kV		Number of conductors & cross-section n x mm ²	Cross-section of armour 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						
27232	–	2x1,5	4,9	11,5	195	20	70
27234	–	2x2,5	5,4	12,5	230	26	75
27236	–	2x4	6,0	14,0	290	34	85
27238	–	2x6	9,1	15,5	425	44	90
27240	–	2x10	10,7	17,5	580	61	105
27243	–	2x16	12,4	20,0	740	80	120
27245	–	2x25	15,4	24,5	1085	105	145
27247	–	2x35	17,1	27,0	1400	130	160
27249	–	2x50	20,2	31,0	1895	167	190
27264	27266	3x1,5	5,1	12,0	220	16	75
27268	27270	3x2,5	5,7	13,5	275	21	80
27272	27274	3x4	6,4	14,5	345	28	85
27276	27278	3x6	9,7	16,0	495	36	95
27280	27282	3x10	11,4	18,5	685	50	110
27285	27287	3x16	13,2	21,0	885	66	125
27289	27291	3x25	16,4	26,0	1320	86	155
27293	27295	3x35	18,2	28,5	1710	107	170
27297	27299	3x50	21,9	33,5	2345	137	200
27301	27303	3x70	25,4	38,5	3200	168	230
27305	27307	3x95	40,6	45,0	4270	199	270
27309	27311	3x120	44,8	49,0	5235	232	295
27313	27315	3x150	51,7	55,5	6610	267	335
27328	27330	4x1,5	5,6	13,0	260	16	80
27332	27334	4x2,5	6,3	14,0	320	21	85
27336	27338	4x4	9,5	16,0	430	28	95
27340	27342	4x6	10,6	17,5	590	36	105
27344	27346	4x10	12,5	20,0	830	50	120
27349	27351	4x16	14,5	23,0	1085	66	140
27353	27355	4x25	18,2	28,5	1605	86	170
27357	27359	4x35	20,2	31,5	2105	107	190
27361	27363	4x50	24,1	37,0	2875	137	220
27365	27367	4x70	45,7	43,0	4120	168	260
27369	27371	4x95	45,0	49,0	5245	199	295
27373	27375	4x120	51,2	55,0	6575	232	330
27392	27394	5x1,5	6,1	14,0	300	13	85
27396	27398	5x2,5	9,2	15,5	395	17	95
27400	27402	5x4	10,4	17,0	510	23	105
27404	27406	5x6	11,8	19,0	690	30	115
27408	27410	5x10	13,8	22,0	985	42	130
27413	27415	5x16	16,0	25,5	1300	55	152
27417	27419	5x25	20,1	31,0	1925	71	185

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