



LKSM-HF

Halogen free shielded power and control cable

Specification

STANDARD	IEC 60092-350, IEC 60092-353, IEC 60092-360
APPROVALS	ABS, BV, CCS, CRS, DNV, LR, NK, RINA
RATED VOLTAGE U₀/U	0,6/1kV
CONDUCTOR CLASS	≤10mm ² Class 2 = stranded wires / ≥16mm ² Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	XLPE
CORE IDENTIFICATION	HD 308 S2 (1 Core: Black, 2 Cores: Brown, Blue, 3 Cores: Brown, Black, Grey or Green/Yellow, Blue, Brown, 4 Cores: Brown, Black, Grey, Blue or Green/Yellow, Brown, Grey, Black, 5 Cores: Colour coded or Green/Yellow, Brown, Grey, Black, Blue, ≥7 Cores: Colour coded)
PROTECTIVE CONDUCTOR	Yellow/Green
OVERALL SHIELD	Braided copper wire
OUTER SHEATH	Polyolefin
SHEATH COLOUR	Black
BENDING RADIUS FIXED	6 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C

MAX OPERATING
TEMPERATURE +90°C
FIXED
LOWEST
INSTALLATION -15°C
TEMPERATURE
CONDUCTOR
RESISTANCE

See technical appendix

MAX
TEMPERATURE AT +90°C
CONDUCTOR
HALOGEN-FREE
ACC. TO

IEC 60754

SMOKE EMISSION IEC 61034

FLAME
RETARDANT

IEC 60332-1, IEC 60332-3-22

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N2540020	2x0,5	6.5	7.5
N2540030	3x0,5	7	8
N2540040	4x0,5	7.5	9
N2540050	5x0,5	8	10
N2540070	7x0,5	8.5	11.5
N2540100	10x0,5	10.5	16
N2540120	12x0,5	10.5	17.5
N2540140	14x0,5	11	19.5
N2540160	16x0,5	11.5	21.5
N2540190	19x0,5	12.5	24
N2540240	24x0,5	14	29
N2540270	27x0,5	14.5	31.5
N2540370	37x0,5	16	42.5
N2541020	2x0,75	7.5	8.5
N2541030	3x0,75	7.5	9.5
N2541040	4x0,75	8	11
N2541050	5x0,75	9.5	13.5
N2541070	7x0,75	10	15.5
N2541100	10x0,75	12	21.5

N2541120	12x0,75	12.5	23.5
N2541140	14x0,75	13	26
N2541160	16x0,75	13.5	29
N2541190	19x0,75	14.5	32
N2541240	24x0,75	17	42.5
N2541270	27x0,75	17.5	46
N2541370	37x0,75	19.5	58
N2522020	2x1,5	9.5	13
N2532030	3x1,5	10	15.5
N2522030	3G1,5	10	15.5
N2532040	4x1,5	11	18
N2522040	4G1,5	11	18
N2522050	5G1,5	12	22
N2532070	7x1,5	13	26.5
N2522070	7G1,5	13	26.5
N2532100	10x1,5	16.5	39
N2522100	10G1,5	16.5	39
N2532120	12x1,5	17	44
N2522120	12G1,5	17	44
N2532140	14x1,5	18	49
N2522140	14G1,5	18	49
N2532160	16x1,5	19	54.5
N2532190	19x1,5	19.5	61
N2522190	19G1,5	19.5	61
N2532240	24x1,5	23.5	78
N2522240	24G1,5	23.5	78
N2532270	27x1,5	24	84.5
N2532370	37x1,5	26.5	108.5
N2523020	2x2,5	10.5	16
N2533030	3x2,5	11	19.5
N2523030	3G2,5	11	19.5
N2533040	4x2,5	12.5	24
N2523040	4G2,5	12.5	24
N2523050	5G2,5	13.5	28.5
N2533070	7x2,5	15	38
N2533100	10x2,5	18.5	53.5

N2523100	10G2,5	18,5	53,5
N2533120	12x2,5	19	59,5
N2533140	14x2,5	20,5	68
N2533190	19x2,5	22,5	85,5
N2533240	24x2,5	26	108
N2533270	27x2,5	27	117,5
N2524020	2x4,0	12	21
N2534030	3x4,0	12,5	26
N2524030	3G4,0	12,5	26
N2534040	4x4,0	13,5	32
N2524040	4G4,0	13,5	32
N2524050	5G4,0	15	41
N2535010	1x6,0	8	13
N2525020	2x6,0	13	31,5
N2535030	3x6,0	14	37
N2525030	3G6,0	14	37
N2535040	4x6,0	15,5	75,8
N2525040	4G6,0	15,5	47,5
N2525050	5G6,0	17	56,5
N2536010	1x10,0	9,5	19
N2526020	2x10,0	15,5	48
N2536030	3x10,0	16,5	57
N2526030	3G10,0	16,5	57
N2536040	4x10,0	18	69,5
N2526040	4G10,0	18	69,5
N2537010	1x16,0	10,5	24
N2527020	2x16,0	18	62,5
N2537030	3x16,0	19	75
N2527030	3G16,0	19	75
N2537040	4x16,0	21	94,5
N2527040	4G16,0	21	94,5
N2537050	5x16,0	23	107
N2538010	1x25,0	13	36
N2528020	2x25,0	23	98,5
N2538030	3x25,0	24,5	116,5
N2538040	4x25,0	27	144

N2528040	4G25,0	27	144
N2538050	5x25,0	29.5	165.5
N2539010	1x35,0	14	46
N2529020	2x35,0	25.5	124
N2539030	3x35,0	27	150.5
N2539040	4x35,0	29.5	190
N2529040	4G35,0	29.5	190
N2531010	1x50,0	17	65
N2531030	3x50,0	32	210
N2531040	4x50,0	35.5	263.5
N2521040	4G50,0	35.5	263.5
N2531110	1x70,0	19	88.5
N2531130	3x70,0	36.5	285
N2531140	4x70,0	40	359
N2531210	1x95,0	21.5	111.5
N2531230	3x95,0	42	368.5
N2531240	4x95,0	47	485
N2521240	4G95,0	47	485
N2531310	1x120,0	23.5	140.5
N2531330	3x120,0	47	474.5
N2521330	3G120,0	47	474.5
N2531340	4x120,0	52	601
N2521340	4G120,0	52	601
N2531410	1x150,0	26.5	172
N2531430	3x150,0	53	588.5
N2531510	1x185,0	29	206.5
N2531610	1x240,0	32.5	271.5
N2531710	1x300,0	35.5	330