

0,6/1 kV XLPE insulated LSZH control cables, tinned copper wire braid armoured, with tinned copper conductor



**FE4OH2M1
TCu/XLPE/ LSZH/TCWB/LSZH**

**RE4OH2M1
TCu/XLPE/ LSZH/TCWB/LSZH**



Drawing are not to scale and do not represent detailed images of the respective product

Standards:

CEI EN 50363-0:	Insulating, Sheathing and covering materials for low-voltage energy cables.
IEC 60228:	Conductors of insulated cables
IEC 60092-350:	Electrical Installations in ships Part 350: General construction and test methods of power, control and instrumentation cables for shipboard and offshore applications
IEC 60092-353:	Electrical Installations in ships Part 353: Single and multicore non-radial field power cables with extruded solid insulation for rated voltages 1 kV and 3 kV
IEC 60332-1:	Tests on electric and optical fiber cables under fire conditions. Part 1-2: Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame
IEC 60332-3:	Tests on electric cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A
IEC 60754-1/2:	Tests on gases evolved during combustion of materials from cables Part 1: Determination of the amount of halogen acid gas. Part 2: Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity.
IEC 61034-1/2:	Measurement of smoke density of cables burning under defined conditions Part 1: Test apparatus Part 2: Test procedure and requirements

Technical Data

Max. cond. temperature	:	90°C
Max. cond. short circuit temperature	:	250°C
Rated voltage	:	600/1000 V
Min. bending radius	:	10 x D
D	:	Cable outer diameter

Application

Is suitable as control cable in particular for off-shore applications.

Construction

1. Tinned Stranded copper conductor Cl.2 IEC 60228 (for RE4OH2M1 Type) and Cl.5 IEC 60228 (for FE4OH2M1 Type)
2. XLPE insulation, Type XLPE IEC 60092-351, Type E4 CEI EN 50363-0, Black Numbered
3. Cores lay-up in concentric layers
4. LSZH inner sheath
5. Tinned copper wire braid armour, coverage density 90% – IEC 60092-350
6. LSZH outer jacket type SHF1 IEC 60092-359, type M1 CEI EN 50363-0, Black
Hydrocarbon resistant as per CEI 20-34/0
UV Resistant

Technical Table

CCE Part No	LB Part No	Cable Code 0,6/1kV	Size [n x mm ²]	Approx Outer Diameter [mm]	DC Conductor Resistance at 20°C [Ohm/km]
CAM01057	CAV01057	FE4OH2M1	4 x 1	11,7	=< 18,2
CAM01058	CAV01058	FE4OH2M1	5 x 1	12,5	=< 18,2
CAM01059	CAV01059	FE4OH2M1	7 x 1	13,9	=< 18,2
CAM01060	CAV01060	FE4OH2M1	10 x 1	16,8	=< 18,2
CAM01061	CAV01061	FE4OH2M1	12 x 1	17,2	=< 18,2
CAM01062	CAV01062	FE4OH2M1	14 x 1	17,9	=< 18,2
CAM01063	CAV01063	FE4OH2M1	16 x 1	18,6	=< 18,2
CAM01064	CAV01064	FE4OH2M1	19 x 1	19,7	=< 18,2
CAM01065	CAV01065	FE4OH2M1	20 x 1	20,5	=< 18,2
CAM01066	CAV01066	FE4OH2M1	24 x 1	22,5	=< 18,2
CAM01067	CAV01067	FE4OH2M1	25 x 1	22,5	=< 18,2
CAM01068	CAV01068	FE4OH2M1	27 x 1	22,9	=< 18,2
CAM01069	CAV01069	FE4OH2M1	30 x 1	23,6	=< 18,2
CAM01070	CAV01070	FE4OH2M1	37 x 1	25,4	=< 18,2
CAM01071	CAV01071	FE4OH2M1	2 x 1,5	11,2	=< 12,2
CAM01072	CAV01072	FE4OH2M1	3 x 1,5	11,7	=< 12,2
CAM01073	CAV01073	FE4OH2M1	4 x 1,5	12,5	=< 12,2
CAM01074	CAV01074	FE4OH2M1	5 x 1,5	13,9	=< 12,2
CAM01075	CAV01075	FE4OH2M1	7 x 1,5	14,8	=< 12,2
CAM01076	CAV01076	FE4OH2M1	10 x 1,5	18,0	=< 12,2
CAM01077	CAV01077	FE4OH2M1	12 x 1,5	18,5	=< 12,2
CAM01078	CAV01078	FE4OH2M1	14 x 1,5	19,4	=< 12,2
CAM01079	CAV01079	FE4OH2M1	16 x 1,5	20,3	=< 12,2
CAM01080	CAV01080	FE4OH2M1	19 x 1,5	21,2	=< 12,2
CAM01081	CAV01081	FE4OH2M1	20 x 1,5	22,4	=< 12,2
CAM01082	CAV01082	FE4OH2M1	24 x 1,5	24,4	=< 12,2
CAM01083	CAV01083	FE4OH2M1	25 x 1,5	24,4	=< 12,2
CAM01084	CAV01084	FE4OH2M1	27 x 1,5	25,1	=< 12,2
CAM01085	CAV01085	FE4OH2M1	30 x 1,5	25,8	=< 12,2
CAM01086	CAV01086	FE4OH2M1	37 x 1,5	27,8	=< 12,2
CAM01087	CAV01087	FE4OH2M1	2 x 2,5	12,0	=< 7,56
CAM01088	CAV01088	FE4OH2M1	3 x 2,5	12,6	=< 7,56
CAM01089	CAV01089	FE4OH2M1	4 x 2,5	14,1	=< 7,56
CAM01090	CAV01090	FE4OH2M1	5 x 2,5	15,0	=< 7,56
CAM01091	CAV01091	FE4OH2M1	7 x 2,5	16,0	=< 7,56
CAM01092	CAV01092	FE4OH2M1	10 x 2,5	19,8	=< 7,56
CAM01093	CAV01093	FE4OH2M1	12 x 2,5	20,4	=< 7,56
CAM01094	CAV01094	FE4OH2M1	14 x 2,5	21,2	=< 7,56
CAM01095	CAV01095	FE4OH2M1	16 x 2,5	22,4	=< 7,56
CAM01096	CAV01096	FE4OH2M1	19 x 2,5	23,5	=< 7,56
CAM01097	CAV01097	FE4OH2M1	20 x 2,5	24,8	=< 7,56
CAM01098	CAV01098	FE4OH2M1	24 x 2,5	27,1	=< 7,56
CAM01099	CAV01099	FE4OH2M1	25 x 2,5	27,1	=< 7,56
CAM01100	CAV01100	FE4OH2M1	27 x 2,5	27,8	=< 7,56
CAM01101	CAV01101	FE4OH2M1	30 x 2,5	28,7	=< 7,56
CAM01102	CAV01102	FE4OH2M1	37 x 2,5	30,9	=< 7,56

CCE Part No	LB Part No	Cable Code 0,6/1kV	Size [n x mm ²]	Approx Outer Diameter [mm]	DC Conductor Resistance at 20°C [Ohm/km]
CAM01103	CAV01103	RE4OH2M1	4 x 1	11,7	=< 18,2
CAM01104	CAV01104	RE4OH2M1	5 x 1	12,5	=< 18,2
CAM01105	CAV01105	RE4OH2M1	7 x 1	13,9	=< 18,2
CAM01106	CAV01106	RE4OH2M1	10 x 1	16,8	=< 18,2
CAM01107	CAV01107	RE4OH2M1	12 x 1	17,2	=< 18,2
CAM01108	CAV01108	RE4OH2M1	14 x 1	17,9	=< 18,2
CAM01109	CAV01109	RE4OH2M1	16 x 1	18,6	=< 18,2
CAM01110	CAV01110	RE4OH2M1	19 x 1	19,7	=< 18,2
CAM01111	CAV01111	RE4OH2M1	20 x 1	20,5	=< 18,2
CAM01112	CAV01112	RE4OH2M1	24 x 1	22,5	=< 18,2
CAM01113	CAV01113	RE4OH2M1	25 x 1	22,5	=< 18,2
CAM01114	CAV01114	RE4OH2M1	27 x 1	22,9	=< 18,2
CAM01115	CAV01115	RE4OH2M1	30 x 1	23,6	=< 18,2
CAM01116	CAV01116	RE4OH2M1	37 x 1	25,4	=< 18,2
CAM01117	CAV01117	RE4OH2M1	2 x 1,5	11,2	=< 12,2
CAM01118	CAV01118	RE4OH2M1	3 x 1,5	11,7	=< 12,2
CAM01119	CAV01119	RE4OH2M1	4 x 1,5	12,5	=< 12,2
CAM01120	CAV01120	RE4OH2M1	5 x 1,5	13,9	=< 12,2
CAM01121	CAV01121	RE4OH2M1	7 x 1,5	14,8	=< 12,2
CAM01122	CAV01122	RE4OH2M1	10 x 1,5	18,0	=< 12,2
CAM01123	CAV01123	RE4OH2M1	12 x 1,5	18,5	=< 12,2
CAM01124	CAV01124	RE4OH2M1	14 x 1,5	19,4	=< 12,2
CAM01125	CAV01125	RE4OH2M1	16 x 1,5	20,3	=< 12,2
CAM01126	CAV01126	RE4OH2M1	19 x 1,5	21,2	=< 12,2
CAM01127	CAV01127	RE4OH2M1	20 x 1,5	22,4	=< 12,2
CAM01128	CAV01128	RE4OH2M1	24 x 1,5	24,4	=< 12,2
CAM01129	CAV01129	RE4OH2M1	25 x 1,5	24,4	=< 12,2
CAM01130	CAV01130	RE4OH2M1	27 x 1,5	25,1	=< 12,2
CAM01131	CAV01131	RE4OH2M1	30 x 1,5	25,8	=< 12,2
CAM01132	CAV01132	RE4OH2M1	37 x 1,5	27,8	=< 12,2
CAM01133	CAV01133	RE4OH2M1	2 x 2,5	12,0	=< 7,56
CAM01134	CAV01134	RE4OH2M1	3 x 2,5	12,6	=< 7,56
CAM01135	CAV01135	RE4OH2M1	4 x 2,5	14,1	=< 7,56
CAM01136	CAV01136	RE4OH2M1	5 x 2,5	15,0	=< 7,56
CAM01137	CAV01137	RE4OH2M1	7 x 2,5	16,0	=< 7,56
CAM01138	CAV01138	RE4OH2M1	10 x 2,5	19,8	=< 7,56
CAM01139	CAV01139	RE4OH2M1	12 x 2,5	20,4	=< 7,56
CAM01140	CAV01140	RE4OH2M1	14 x 2,5	21,2	=< 7,56
CAM01141	CAV01141	RE4OH2M1	16 x 2,5	22,4	=< 7,56
CAM01142	CAV01142	RE4OH2M1	19 x 2,5	23,5	=< 7,56
CAM01143	CAV01143	RE4OH2M1	20 x 25	24,8	=< 7,56
CAM01144	CAV01144	RE4OH2M1	24 x 2,5	27,1	=< 7,56
CAM01145	CAV01145	RE4OH2M1	25 x 2,5	27,1	=< 7,56
CAM01146	CAV01146	RE4OH2M1	27 x 2,5	27,8	=< 7,56
CAM01147	CAV01147	RE4OH2M1	30 x 2,5	28,7	=< 7,56
CAM01148	CAV01148	RE4OH2M1	37 x 2,5	30,9	=< 7,56