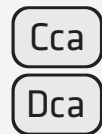


Single core wire

ML-HF D and C-PRo 450/750V (H07Z1-U)



APPLICATION

For fixed installation in a conduit, and for fixed internal wiring in appliances, switch gear and control gear with maximum voltage of 1000 V (DC) or 750 V (AC) to earth. Especially for circumstances where it is required to have insulated conductors with a low emission of smoke and corrosive gases in case of fire.

STANDARDS

EN 60228	EN 60332-3
EN 50525-2-31	EN 61034
EN 50575:2014	EN 60754
EN 60332-1-2	

CONSTRUCTION

Cable shape	Round
Conductor	Solid annealed copper conductor (class 1)
Insulation	Halogen-free compound

MARKING OF CORES

Colors according to agreement

PROPERTIES

Maximum conductor temperature	+70°C
Minimum handling temperature	-10°C
Maximum short circuit temperature	+160°C
CPR class	ML-HF D / EQ PURE: Dca-s2d2a2 ML-HF C-PRo: Cca-s1d1a1
UV-resistance	None

conductor cross section [mm ²]	Outer diameter ca [mm]	Cable weight [kg/km]	Resistance [Ω/km]	Min final single bending radius [mm]	Min bending radius during installation [mm]
1,5	3	20	12,1	6	11
2,5	3,5	31	7,41	7	14