

ML 450/750 V

Plastic-insulated solid conductor



APPLICATION	For fixed installation in a conduit, and for fixed internal wiring in appliances, switch gear and control gear with a maximum voltage of 1000 V (AC) or 750 V (DC) to earth.
RATED VOLTAGE	U ₀ /U = 450/750 V
Declaration of Performance (DoP)	Ref. No 1000770



RoHS



SFS 5523
EN 50525-2-31
EN 50575:2014+A1:2016
EN 13501-6, class Eca
IEC 60332-1

Construction
 hEN CPR cables
 CPR fire class, Eca
 Flame retardant

Conductor	Copper
Conductor surface	Bare
Insulation	Polyvinyl chloride (PVC)
Max. conductor temperature [°C]	70
Max. conductor temperature at short circuit [°C]	160
Permitted cable outer temperature during assembling/handling (min) [°C]	-25
Minimum permissible bending radius during laying	8x OD

FIRE PROPERTIES

Reaction-to-fire, CPR classification
Flame retardant

Eca
In accordance with EN 13501-6

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0400808	ML 1,5 YE/GN R200 Eca	6410004008089	Coil	200
0400803	ML 1,5 BK R200 Eca	6410004008034	Coil	200
0400802	ML 1,5 BN R200 Eca	6410004008027	Coil	200
0400807	ML 1,5 BU R200 Eca	6410004008072	Coil	200
0400800	ML 1,5 GY R200 Eca	6410004008003	Coil	200
0400828	ML 2,5 YE/GN R200 Eca	6410004008287	Coil	200
0400823	ML 2,5 BK R200 Eca	6410004008232	Coil	200
0400822	ML 2,5 BN R200 Eca	6410004008225	Coil	200
0400827	ML 2,5 BU R200 Eca	6410004008270	Coil	200
0400820	ML 2,5 GY R200 Eca	6410004008201	Coil	200

MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Current rating, ref. install. type A [A]	Max. DC resistance, conductor (20°C) [ohm/km]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
ML 1,5 Eca	3	14	12.1	20	25
ML 2,5 Eca	4	19	7.41	32	35

Current rating: installation method A (e.g. in conduit inside wall)