



M2XCH

Halogen free shielded power and control cable

Specification

STANDARD	IEC 60092/353, IEC 60092/350-351-359
APPROVALS	BV, CRS, DNV, LR, NK
RATED VOLTAGE UO/U	0,6/1kV
CONDUCTOR CLASS	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)
OVERALL SHIELD	Braided copper wire
OUTER SHEATH	SHFI
SHEAT COLOUR	Black
BENDING RADIUS FIXED	8 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+90°C

**HALOGEN-FREE
ACC. TO** IEC 60754/1-2

SMOKE EMISSION IEC 61034/1-2 (DIN EN 50268/1-2)

**FLAME
RETARDANT** IEC 60332-1, IEC 60332-3-22

Variants

E-NUMBER	DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M
N2581110	1x35	12.8	38.7
N2581120	1x70	17.4	77.6
N2581130	1x120	21.1	128.3
N2581140	1x185	25.6	205.91
N2581150	1x240	28.9	248.24
N2581160	2x1,5	8.9	7.25
N2581170	2x2,5	9.8	9.59
N2581180	2x4	10.8	13.12
N2581190	2x6	12.1	20.49
N2581200	2x16	17.1	42.75
N2581210	3x1,5	9.4	8.78
N2581220	3G1,5	9.4	8.78
N2581230	3x2,5	10.3	12.35
N2581240	3G2,5	10.3	12.35
N2581250	3x4	11.6	17.25
N2581260	3G4	11.6	17.25
N2581270	3x6	12.8	23.2
N2581280	3G6	12.8	23.2
N2581290	3x10	15.7	39.95
N2581300	3x16	18.1	58.87
N2581310	4x1,5	10.2	10.16
N2581320	4G1,5	10.2	10.16
N2581330	4x2,5	11.5	15.19
N2581340	4G2,5	11.5	15.19
N2581350	4x4	12.7	25.2
N2581360	4G4	12.7	25.2
N2581370	4x6	14.6	33.5
N2581380	4G6	14.6	33.5

N2581390	4x10	17.5	50.64
N2581400	4G10	17.5	50.64
N2581410	4x16	20.1	75.56
N2581420	4G16	20.1	75.56
N2581430	5x1,5	11.2	12.74
N2581440	5G1,5	11.2	12.74
N2581450	5x2,5	12.5	21.22
N2581460	5G2,5	12.5	21.22
N2581470	5G4	14.4	28.2
N2581480	5G16	22.2	92.97
N2581490	7x1,5	12	19.06
N2581500	7x2,5	14	26.83
N2581510	10x1,5	15.5	24.24
N2581520	12x1,5	16	28.76
N2581530	16x1,5	17.9	35.42
N2581540	19x1,5	18.6	39.61
N2581550	24x1,5	21.7	50.23