

EMC connecting cable 2XSL(St)CH



Application: Halogen-free and flame-retardant cable connecting motors to inverse rectifiers under consideration of EMC-requirements. It may be used under medium mechanical stress for fixed installations and temporary movement. Also for outdoor installation, but not for direct burial.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	XLPE
Screen:	aluminium foil + tinned copper braid
Sheathing material:	FRNC-compound HM1
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Smoke density:	DIN EN 61034/IEC 61034
Halogen-free:	DIN EN 50267/IEC 60754
UV-resistant:	yes
Ozone-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-5 - +90 °C
Permitted outer cable temperature, moved, °C:	-5 - +90 °C
Bending radius, fixed installation:	10 x Ø
Bending radius, moving application:	20 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

2XSL(St)CH-JB

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
035325	03X16 + 3G2.5	1.21	100	22.5	723	820
035663	03X25 + 3G4	0.78	125	26	1204	1318
035664	03X35 + 3G6	0.554	155	29.5	1535	1718
035665	03X50 + 3G10	0.386	190	35	2208	2400
035520	03X70 + 3G10	0.272	245	38.5	2980	3100
035521	03X95 + 3G16	0.206	300	44	3953	4200
035666	03X120 + 3G16	0.161	345	48	5007	5253
035657	03X150 + 3G25	0.129	400	53	5488	5880
036639	03X185 + 3G25	0.106	455	51	7041	8298
035667	03X185 + 3G35	0.106	455	58	7329	8595
035668	03X240 + 3G50	0.0801	540	66	9123	9600
035659	04X1.5	13.3	23	11	95	230
035254	04X2.5	7.98	38	12.5	150	300
035660	04X4	4.95	42	15.5	238	390
035661	04X6	3.3	54	17.5	320	420
035662	04X10	1.91	61	19.5	533	780

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000