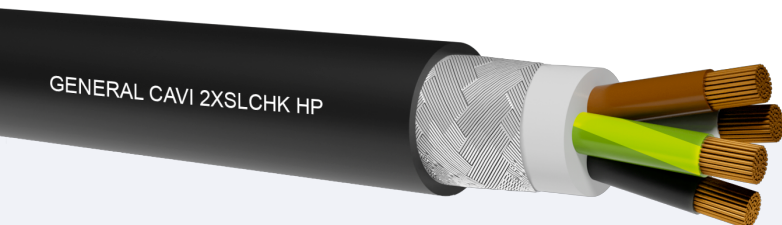


2XSLCHK- HP 0.6/1kV.**[D] CPR Cca-s1b, d2, a1**

Model Product: 594 - 20210127

**general
cavi s.p.a.**

Conduttore flessibile di rame rosso ricotto classe 5.
 Isolamento in XLPE
 Riempitivo in materiale non fibroso e non igroscopico
 Schermo in alluminio /poliestere 100%+treccia di rame
 stagnato 80%
 Guaina in LSZH.

NORME DI RIFERIMENTO

EN 50575 IEC 60332-1-2 as applicable IEC 60502

Accordingly to the standards BT 2014/35/UE-2011/65/EU (RoHS 3)

CONDIZIONI DI IMPIEGO PIU' COMUNI

Connecting cable for drive-system with frequency converter
 Technology. Suitable for fix installation and casually movement in dry. Direct
 burial application is allowed too.

CONDIZIONI DI POSA

Raggio minimo di curvatura per diametro D (in mm):

Fixed installation = 8D

Flexible Installation = 10D <12 - 15D <20 - 20D >20

Sforzo massimo di tiro: 50 N/mm²MOTOR POWER SUPPLY CABLE 0,6/1kV DOUBLE
SCREENED

Tensione nominale U0: 600 V

Tensione nominale U: 1000 V

Temperatura massima di esercizio: +90°C

Temperatura massima di corto circuito: +250°C

Temperatura minima di installazione e posa: 0°C

Temperatura minima di esercizio (senza shock meccanico): -40°C

COLORI ANIME

Tripolare: gray-brown-black-Y/G divide into 3 cores

Quadripolare: gray-brown-black-Y/G.

COLORI GUAINA

Black

MARCATURA AD INCHIOSTRO

"year-GENERAL CAVI Cca-s1b,d2,a1 2XSLCHK-J-HP n°cores x sect."

NOTE

MAX. OPERATING VOLTAGE: A.C. and 3-phase 700/1200 V

D.C. operation 900/1800 V

EMC Coupling resistance max 250ohm/km

2XSLCHK- HP 0.6/1kV.**[D] CPR Cca-s1b, d2, a1**

Model Product: 594 - 20210127

general
Cavi s.p.a.

Cores number and section		Approx conductor diameter		Insulation medium thickness		Approx external production diameter		Approx cable weight		Electris resistance at 20°C		Current carrying capacities amb. temp. in air or pipe	
(N° x mm²)		(mm)		(mm)		(mm)		(kg/km)		(Ohm/km)		(A)	
Multipli													
4 G 2.5		2.1		0.7		15.0		300		7.98		32	
4 G 4		2.9		0.7		16.4		400		4.95		42	
4 G 6		3.2		0.7		18.00		600		3.30		54	
4 G 10		4.4		0.7		20.9		800		1.91		75	
4 G 16		5.7		0.7		23.6		1150		1.21		100	
4 G 25		6.9		0.9		27.4		1600		0.780		127	
4 G 35		7.9		0.9		31.7		2200		0.554		158	
4 G 50		9.4		1.0		37.5		3000		0.386		192	
4 G 70		11.6		1.1		43.0		4100		0.272		246	
4 G 95		12.9		1.1		47.0		5200		0.206		298	
4 G 120		14.8		1.2		53.4		6600		0.161		346	
4 G 150		16.2		1.4		59.5		8200		0.129		399	
4 G 185		17.5		1.6		64.9		9900		0.106		456	
4 G 240		19.8		1.8		71.0		11715		0.0801		538	
4 G 300		21.7		2.0		81.2		14500		0.0641		621	
Cores number	section	Approx conductor diameter	Approx ground conductor diameter	Minimum insulation thickness	Minimu ground insulation thickness	Approx external diameter	Approx cable weight	Max conductor resistance 20°C	Max ground cond. resistance 20°C	Current carrying capacities amb. temp. in air			
(N°)	(mm²)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)	(Ohm/km)	(A)			
Multipli													
3x2.5 + 3G0.5		2.1	0.85	0.7	0.6	14.4	300	7.98	39.0	32			
3x4 + 3G0.75		2.9	1.2	0.7	0.6	15.5	400	4.95	26.0	42			
3x6 + 3G1		3.2	1.3	0.7	0.7	16.5	450	3.30	19.5	54			
3x10 + 3G1.5		4.4	1.8	0.7	0.7	20.4	750	1.91	13.3	75			
3x16 + 3G2.5		5.7	2.1	0.7	0.7	22.7	1000	1.21	7.98	100			
3x25 + 3G4		6.9	2.9	0.9	0.7	25.3	1400	0.78	4.95	127			
3x35 + 3G6		7.9	3.2	0.9	0.7	30.4	1850	0.554	3.30	158			
3x50 + 3G10		9.4	4.4	1.0	0.7	34.7	2550	0.386	1.91	192			
3x70 + 3G10		11.6	4.4	1.1	0.7	40.5	3210	0.272	1.91	246			
3x95 + 3G16		12.9	5.7	1.1	0.7	44.0	4110	0.206	1.21	298			
3x120 + 3G16		14.8	5.7	1.2	0.7	49.8	5000	0.161	1.21	346			
3x150 + 3G25		16.2	6.9	1.4	0.9	55.5	6500	0.129	0.78	399			
3x185 + 3G35		17.5	7.9	1.6	0.9	60.4	8000	0.106	0.554	456			
3x240 + 3G50		19.8	9.4	1.7	1.0	65.3	10200	0.0801	0.386	538			
3x300 + 3G70		21.5	11.6	1.8	1.0	75.9	11900	0.0641	0.272	621			