



<b>conductor material:</b>	bare copper
<b>conductor construction:</b>	fine stranded, class 5
<b>insulation:</b>	polyethylene
<b>screen:</b>	aluminium-foil + copper-braiding, tinned
<b>screen coverage:</b>	75 %
<b>sheathing material:</b>	PVC, enforced
<b>colour of outer sheath:</b>	black
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1
<b>oil resistant:</b>	EN 60811-2-1
<b>maximum temperature at conductor:</b>	70 °C
<b>max. operating temperature, fixed:</b>	-30 - +70 °C
<b>temperature, moved/during installation:</b>	-5 - +70 °C
<b>bending radius, fixed installation:</b>	10 x DA
<b>bending radius, moved application:</b>	25 x DA
<b>transfer impedance:</b>	250 Ohm/km
<b>nominal voltage U<sub>0</sub>:</b>	600 V
<b>nominal voltage U:</b>	1000 V
<b>maximum permitted operating voltage in 3-phase systems:</b>	1,7 kV
<b>test voltage:</b>	3 kV
<b>core identification:</b>	colours acc. VDE 0293 (HD308)

**Application:** The cable has been developed for 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. The cable is resistant against most usual oil and grease.



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.

table: technical data 2YSL(St)CYv

Art.-Nr.	part-name	RI [Ω/km]	I <sub>bl</sub> [A]	DA [mm]	G [kg/km]	CU
031719	FACAB EMV 2YSL(St)CYv-JB 04X1,5 0,6/1 kV SW	13,3	18	10,4	154	95
031720	FACAB EMV 2YSL(St)CYv-JB 04X2,5 0,6/1 kV SW	7,98	26	12,3	229	150
031721	FACAB EMV 2YSL(St)CYv-JB 04X4 0,6/1 kV SW	4,95	34	14,5	339	235
031712	FACAB EMV 2YSL(St)CYv-JB 04X6 0,6/1 kV SW	3,3	44	16,8	451	320
031722	FACAB EMV 2YSL(St)CYv-JB 04X10 0,6/1 kV SW	1,91	61	19,7	667	533
031723	FACAB EMV 2YSL(St)CYv-JB 04X16 0,6/1 kV SW	7,98	82	22	892	789
031724	FACAB EMV 2YSL(St)CYv-JB 04X25 0,6/1 kV SW	4,95	108	27	1440	1236

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031713	FACAB EMV 2YSL(St)CYv-JB 04X35 0,6/1 kV SW	0,554	135	30,3	1861	1663
031725	FACAB EMV 2YSL(St)CYv-JB 04X50 0,6/1 kV SW	0,386	168	35	2547	2345
031727	FACAB EMV 2YSL(St)CYv-JB 04X70 0,6/1 kV SW	0,272	207	39,4	3404	3196
031714	FACAB EMV 2YSL(St)CYv-JB 04X95 0,6/1 kV SW	0,206	250	46	4888	4316
031728	FACAB EMV 2YSL(St)CYv-JB 04X120 0,6/1 kV SW	0,161	292	51,4	5703	5435
031715	FACAB EMV 2YSL(St)CYv-JB 04X150 0,6/1 kV SW	0,129	335	58,8	7040	6394
031729	FACAB EMV 2YSL(St)CYv-JB 04X185 0,6/1 kV SW	0,106	382	61,1	9150	8203
031730	FACAB EMV 2YSL(St)CYv-JB 04X240 0,6/1 kV SW	0,0801	453	70	12500	11008
031993	FACAB EMV 2YSL(St)CYv-JB 03X1,5 + 03G0,25 0,6/1 kV SW	13,3	18	10,2	140	86
031994	FACAB EMV 2YSL(St)CYv-JB 03X2,5 + 03G0,5 0,6/1 kV SW	7,98	26	11,4	220	144
031995	FACAB EMV 2YSL(St)CYv-JB 03X4 + 03G0,75 0,6/1 kV SW	4,95	34	13,1	323	224
031996	FACAB EMV 2YSL(St)CYv-JB 03X6 + 03G1 0,6/1 kV SW	3,3	44	14,9	420	298
031871	FACAB EMV 2YSL(St)CYv-JB 03X10 + 03G1,5 0,6/1 kV SW	1,91	61	18,4	615	511
031997	FACAB EMV 2YSL(St)CYv-JB 03X16 + 03G2,5 0,6/1 kV SW	7,98	82	21,6	819	723
031870	FACAB EMV 2YSL(St)CYv-JB 03X25 + 03G4 0,6/1 kV SW	4,95	108	25,3	1402	1204
031998	FACAB EMV 2YSL(St)CYv-JB 03X35 + 03G6 0,6/1 kV SW	0,554	135	27,8	1718	1535
031999	FACAB EMV 2YSL(St)CYv-JB 03X50 + 03G10 0,6/1 kV SW	0,386	168	32,6	2399	2208
031869	FACAB EMV 2YSL(St)CYv-JB 03X70 + 03G10 0,6/1 kV SW	0,272	207	38,9	3173	2980
032000	FACAB EMV 2YSL(St)CYv-JB 03X95 + 03G16 0,6/1 kV SW	0,206	250	44,3	4162	3953
031868	FACAB EMV 2YSL(St)CYv-JB 03X120 + 03G16 0,6/1 kV SW	0,161	292	46,8	5253	5007
032001	FACAB EMV 2YSL(St)CYv-JB 03X150 + 03G25 0,6/1 kV SW	0,129	335	53,5	6128	5412
032002	FACAB EMV 2YSL(St)CYv-JB 03X185 + 03G35 0,6/1 kV SW	0,106	382	59,5	7450	6969
032130	FACAB EMV 2YSL(St)CYv-JB 03X240 + 03G50 0,6/1 kV SW	0,0801	453	70	10800	9123