We Make Modern Life Possible.

CONTROL AND ELECTRONIC CABLES

2YSL(St)CYK-J 0.6/1 kV EMV-3 PLUS



PE/PVC motor power supply cable, screened

Double screened 2YSL(St)CYK-J cables were designed as supply and connecting cables, for medium mechanical stress, fixed installation and occasionally non-guided movements, in dry, damp and wet rooms. UV-resistant black sheath is designed for outdoor applications. Double screening considerably improves electromagnetic compatibility (EMC) in buildings and plants.

TECHNICAL DATA

Standard
DIN VDE 0276-603

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV (Uo/U)

Bending radius (min.)
15 x Ø of cable (free motion)

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant

Core identification
HD 308 S2

Temperature range
Laying temperature: min. 5°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C
Fixed installation: -30°C up to 80°C
Flexible use: -5°C up to 70°C

DESIGN



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Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
3 x 1.5 + 3 G 0.25	13.3 / 79	10.2	212	1000 D
3 x 2.5 + 3 G 0.5	7.98 / 39	11.8	286	1000 D
3 x 4 + 3 G 0.75	4.95 / 26	13.4	446	1000 D
3 x 6 + 3 G 1	3.3 / 19.5	15.3	582	1000 D
3 x 10 + 3 G 1.5	1.91 / 13.3	18.6	794	1000 D
3 x 16 + 3 G 2.5	1.21 / 7.98	21.5	1188	1000 D
3 x 25 + 3 G 4	0.78 / 4.95	25.5	1713	1000 D
3 x 35 + 3 G 6	0.554 / 3.3	28.3	24	1000 D
3 x 50 + 3 G 10	0.386 / 1.91	33.0	2718	1000 D
3 x 70 + 3 G 10	0.272 / 1.91	37.0	3636	1000 D
3 x 95 + 3 G 16	0.206 / 1.21	41.0	4978	1000 D
3 x 120 + 3 G 16	0.161 / 1.21	43.8	5077	1000 D
3 x 150 + 3 G 25	0.129 / 0.78	53.5	61	1000 D
3 x 185 + 3 G 35	0.106 / 0.554	59.5	7450	1000 D
3 x 240 + 3 G 50	0.080 / 0.386	70.0	10800	1000 D

Technical changes reserved. All figures are therefore without guarantee.



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