

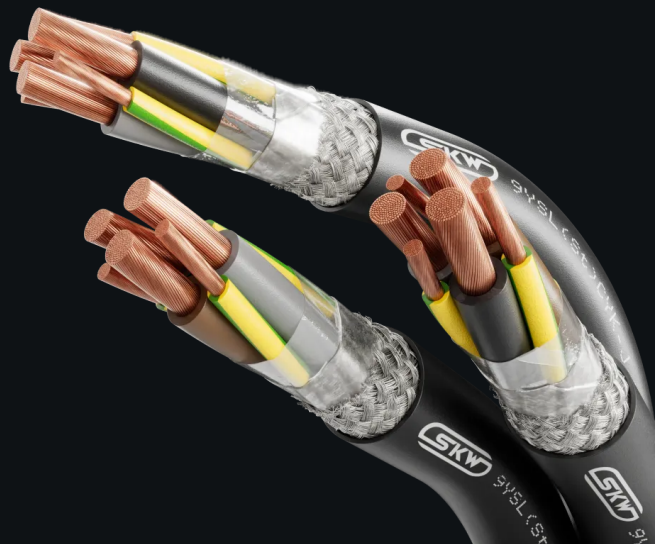


We Make Modern
Life Possible

AUTOMATION AND MOTOR SUPPLY CABLES

9YSL(St)CYK-J 0.6/1 kV EMV-3 PLUS UL/c(UL)

UL recognized PP/PVC motor power supply
cable, screened



TECHNICAL DATA



Standard
DIN VDE 0276-603



Certificate
UL AWM Style 2570 CSA C22.2 No. 210-11,
AWM



Test Voltage
4000 V / 50 Hz



Rated Voltage
0.6/1 kV (U₀/U)
1000 V (UL/CSA)



Bending radius (min.)
Fixed installation: 5 x Ø of cable
Flexible use: 15 x Ø of cable



Fire properties
EN 60332-1-2: self-extinguishing and flame
retardant
UL: vertical flame test VW-1, cable flame test
CSA: FT1



Core identification
Colours according to CENELEC HD 308 S2



Temperature range
Conductor temperature: max. 80°C
Fixed installation: -40°C up to 80°C
Flexible use: -5°C up to 80°C

DESIGN



Bare copper conductors, fine wires class 5 according to
DIN EN 60228 / VDE 0295 / IEC 60228



Core insulation of polypropylene compound (PP)



Cores are stranded together with optimal lay-length



Plastic tape separation (optional)



Plastic bonded aluminium tape and tinned copper wire
braiding



Outer sheath of special compound of polyvinyl chloride
(PVC), colour: black (RAL 9005) for 9YSL(St)CYK-J or
transparent for 9YSL(St)CY-J

Number of cores x nominal cross-section (mm ²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
3 x 1.5 + 3 G 0.25	11.4	88	140
3 x 2.5 + 3 G 0.5	12.9	130	220
3 x 4 + 3 G 0.75	13.6	224	323
3 x 6 + 3 G 1	15.2	276	420
3 x 10 + 3 G 1.5	17.4	511	615
3 x 16 + 3 G 2.5	20.0	751	819
3 x 25 + 3 G 4	24.3	1204	1325
3 x 35 + 3 G 6	27.5	1535	1718
3 x 50 + 3 G 10	31.1	2156	2399
3 x 70 + 3 G 10	37.1	2980	3056
3 x 95 + 3 G 16	40.0	3953	4162
3 x 120 + 3 G 16	42.6	4836	5074

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