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

XLPE/PVC motor power supply cable,  
screened



## TECHNICAL DATA



**Standard**  
DIN VDE 0276-603



**Test Voltage**  
4 kV / 50 Hz



**Rated Voltage**  
0.6/1 kV (U<sub>0</sub>/U)



**Bending radius (min.)**  
15 x  $\varnothing$  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



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

## CONTACT PERSON

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