

## 318\*TQ 05BN4-F Technical Data Sheet



Rated Voltage	Max. Operating Temperature	Min. Temperature Installation	Max. Temperature of Short Circuit	Min. Internal Bending Radius	Max. Mechanical Stress
300/500V	90°C	-20°C	250°C	6XOD	5 Kg/mm

<u>Conductor:</u>	Class 5 flexible bare copper to EN 60228, IEC 60228
<u>Insulation:</u>	EPR (Ethylene-Propylene Rubber) compound Type E17 or other equivalent material.
<u>Sheath:</u>	CSP (Elastomeric Chlorosulphonated Polyethylene compound or other synthetic elastomer tType EM7
<u>Standards:</u>	Core colours in compliance with CENELEC HD 308. EN 50525 and RoHS 2011/65/UE
<u>Application:</u>	318*TQ is suitable for use in applications with low mechanical stresses, e.g vacuum cleaners, cooking appliances, soldering irons, toasters, domestic portable tools etc. Suitable for use at max. conductor temperatures of 90°C.

Size (mm)	Mean Overall Diameter (mm)	Indicative Weight of cable (g/m)	Max. Conductor Diameter of wires (mm)	Max. Conductor Resistance @ 20c (Ohm/km)	Insulation Thickness (mm)	Sheath Thickness (mm)	Current Ratings (Amp) with Ambient Temp. Lower than 30°C (Free Movement)
4x0.75	7.3	81	0.210	26.000	0.44 - 0.6	0.66 - 0.9	6
5x0.75	8.2	103	0.210	26.000	0.44 - 0.6	0.75 - 1.0	6
4x1	7.8	97	0.210	19.500	0.44 - 0.6	0.66 - 0.9	10
5x1	8.9	125	0.210	19.500	0.44 - 0.6	0.75 - 1.0	10
2x1.5	8.4	98	0.260	13.300	0.62 - 0.8	0.75 - 1.0	16
3x1.5	8.7	115	0.260	13.300	0.62 - 0.8	0.75 - 1.0	16
4x1.5	9.9	151	0.260	13.300	0.62 - 0.8	0.84 - 1.1	16
5x1.5	10.7	181	0.260	13.300	0.62 - 0.8	0.84 - 1.1	16
3x2.5	10.2	169	0.260	7.980	0.71 - 0.9	0.84 - 1.1	20
4x2.5	11.7	224	0.260	7.980	0.71 - 0.9	0.92 - 1.2	20
5x2.5	13	278	0.260	7.980	0.71 - 0.9	1.0 - 1.3	20