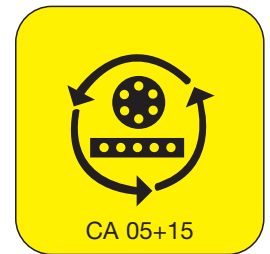
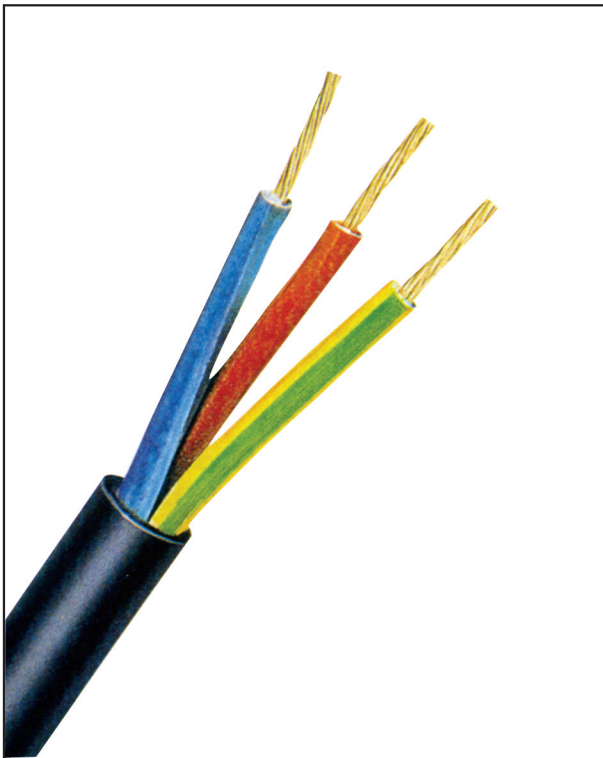


TEXOPRENETM CABLE – TR50

FLEXIBLE RUBBER/NEOPRENE[®] CABLE ACC. TO VDE 0282, NOMINAL VOLTAGE 500 V



LIGHT TO LIGHT MEDIUM MECHANICAL STRESSES



CONSTRUCTION

Conductor of copper, finely stranded, class 5 to VDE 0295 insulation of dielectrical and thermal high quality rubber, cores laid up.

Powermite cables will be available up to 2,5 mm² conductors – extruded outer sheath of rubber for HO5RR-F and polychloroprene for HO5RN-F, flame retardant, oil resistant, black.

Please Note: Powermite can offer in this category all weather control cables with stress relief centre, short length of lay, tough and impact resilient sheath materials. These changes, however, render the TR50 cable outside the VDE0282 specification.

CORE IDENTIFICATION TO VDE 0293

Core/size description bearing “X” w/o earth core

Core/size description bearing “G” with green/yellow earth core

APPLICATION

HO5RR-F: In dry locations for light portable heaters, tools and other domestic appliances.

HO5RN-F: In outdoor and wet locations otherwise as HO5RR-F.

TECHNICAL DATA

| | | | |
|------------------------------|---|------------------------|--|
| 1. Max. operating Voltage AC | : 330 V / 550 V | 7. Derating | : see Table 3 page 52 VDE 0100 |
| 2. Max. operating Voltage DC | : 495 V / 825 V | 8. Specification | : VDE0282 HO5RR-F Part 804 HO5RN-F Part 817 |
| 3. Test Voltage AC | : 2500 V | 9. Min. bending radius | : mobile 5 x cable O.D. fixed 4 x cable O.D. |
| 4. Conductor resistance | : to DIN/VDE 0295 Class 5 | 10. Tensile stress | : not to exceed 15N/mm ² of total powercore cross section |
| 5. Temperature range | : mobile – 25 °C to + 60 °C fixed – 40 °C to + 60 °C | 11. Marking | : printed |
| 6. Current Capacity | : see Table 3 page 52 VDE 0100 | | |

| No. of cores and rated cross-section mm ² | current rating amp | max. diameter of single strands mm | outer dia. approx. mm | weight approx. kg/km |
|---|-----------------------|---------------------------------------|--------------------------|-------------------------|
| HO5RR-F | | | | |
| 3 G 0,75 | 13 | 0,21 | 7,5 | 80 |
| 3 G 1,0 | 16 | 0,21 | 8,0 | 90 |
| 3 G 1,5 | 20 | 0,26 | 9,5 | 135 |
| 3 G 2,5 | 27 | 0,26 | 11,0 | 180 |
| 4 G 1,0 | 16 | 0,21 | 8,9 | 110 |
| 4 G 1,5 | 20 | 0,26 | 10,0 | 165 |
| 4 G 2,5 | 27 | 0,26 | 12,0 | 230 |
| 5 G 1,5 | 20 | 0,26 | 11,5 | 200 |
| 5 G 2,5 | 27 | 0,26 | 13,5 | 300 |
| HO5RN-F | | | | |
| 3 G 0,75 | 13 | 0,21 | 7,5 | 85 |
| 3 G 1,0 | 16 | 0,21 | 8,0 | 95 |

Above sizes may require minimum quantities
All quoted data is approximate and not binding