



MOTOR-DRIVEN REEL POWER CABLE

DIN VDE 0250

24 orderable sizes

STANDARD DIN VDE 0250	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Flexible copper conductor
INSULATION / JACKET PUR abrasion and oil resistant outer sheath		

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 c1.5
- 2 ■ Core insulation – Special polymer power-core insulation
- 3 ■ Filler – PP filler
- 4 ■ Sheath – PUR abrasion and oil resistant outer sheath

Size selection — all available cross-sections

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 2.5 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	2.5 mm ²	7.6 Ω/km	20.6 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 4 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	4 mm ²	4.7 Ω/km	21.4 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 6 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	6 mm ²	3.1 Ω/km	22.3 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 10 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	10 mm ²	1.83 Ω/km	23.7 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 16 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	16 mm ²	1.15 Ω/km	25.4 mm	Aramid yarn reinforced support

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PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 25 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	25 mm ²	0.727 Ω/km	27.4 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 35 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	35 mm ²	0.524 Ω/km	29.2 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 4G 50 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	4G	50 mm ²	0.387 Ω/km	31.5 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 5G 2.5 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	5G	2.5 mm ²	7.6 Ω/km	21.1 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 5G 4 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	5G	4 mm ²	4.7 Ω/km	21.9 mm	Aramid yarn reinforced support
PUR motor reel power cable 0.6/1 kV Motor cable reel 5G 6 mm ²	Motor-driven reel with high mechanical stress	Motor cable reel	5G	6 mm ²	3.1 Ω/km	22.8 mm	Aramid yarn reinforced support
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