



## PVC SCREENED DRIVE CABLE

IEC 60502-1

9 orderable sizes

STANDARD <b>IEC 60502-1</b>	VOLTAGE CLASS <b>0.6/1 kV</b>	CONDUCTOR <b>Class 5 flexible copper conductor</b>
INSULATION / JACKET <b>PVC oil-resistant sheath</b>		

### Construction

- 1 ■ Conductor (per core) – Class 5 flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – XLPE insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – PVC oil-resistant sheath

### Size selection — all available cross-sections

Cable reference	Voltage class	Core / ground design	Power conductor	Max DC resistance at 20 °C	EMC screen	OD guide
PVC EMC VFD motor cable 0.6/1 kV 3 x 6 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 6 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	6 mm <sup>2</sup>	3.30 Ω/km	Copper tape or foil plus copper braid screen	15 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 10 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 10 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	10 mm <sup>2</sup>	1.91 Ω/km	Copper tape or foil plus copper braid screen	17 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 16 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	0.6/1 kV	3 x 16 mm <sup>2</sup> + 3 symmetrical grounds x 1.5 mm <sup>2</sup>	16 mm <sup>2</sup>	1.21 Ω/km	Copper tape or foil plus copper braid screen	19 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 25 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	0.6/1 kV	3 x 25 mm <sup>2</sup> + 3 symmetrical grounds x 4 mm <sup>2</sup>	25 mm <sup>2</sup>	0.780 Ω/km	Copper tape or foil plus copper braid screen	22 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 35 mm <sup>2</sup> + 3 symmetrical	0.6/1 kV	3 x 35 mm <sup>2</sup> + 3 symmetrical	35 mm <sup>2</sup>	0.554 Ω/km	Copper tape or foil plus	24 mm

Cable reference	Voltage class	Core / ground design	Power conductor	Max DC resistance at 20 °C	EMC screen	OD guide
symmetrical grounds x 4 mm <sup>2</sup>		grounds x 4 mm <sup>2</sup>			copper braid screen	
PVC EMC VFD motor cable 0.6/1 kV 3 x 50 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	0.6/1 kV	3 x 50 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	50 mm <sup>2</sup>	0.386 Ω/km	Copper tape or foil plus copper braid screen	27 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 70 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	0.6/1 kV	3 x 70 mm <sup>2</sup> + 3 symmetrical grounds x 10 mm <sup>2</sup>	70 mm <sup>2</sup>	0.272 Ω/km	Copper tape or foil plus copper braid screen	31 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 95 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	0.6/1 kV	3 x 95 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	95 mm <sup>2</sup>	0.206 Ω/km	Copper tape or foil plus copper braid screen	34 mm
PVC EMC VFD motor cable 0.6/1 kV 3 x 120 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	0.6/1 kV	3 x 120 mm <sup>2</sup> + 3 symmetrical grounds x 16 mm <sup>2</sup>	120 mm <sup>2</sup>	0.161 Ω/km	Copper tape or foil plus copper braid screen	37 mm

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