



SPREADER AND BASKET CRANE CABLE

DIN VDE 0250

20 orderable sizes

STANDARD DIN VDE 0250	VOLTAGE CLASS 0.6/1 kV power / control circuits	CONDUCTOR Flexible copper conductor
INSULATION / JACKET PUR or rubber high-abrasion outer sheath		

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 80 × Ø0.4 mm · IEC 60228 cl.5
- 2 ■ Core insulation – EPR or TPE power and control insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – PUR or rubber high-abrasion outer sheath

Size selection — all available cross-sections

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + control cores 4 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + control cores	4 mm ²	4.7 Ω/km	24.4 mm	1.01 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + control cores 6 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + control cores	6 mm ²	3.1 Ω/km	25.3 mm	1.11 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + control cores 10 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + control cores	10 mm ²	1.83 Ω/km	26.8 mm	1.30 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + control cores 16 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + control cores	16 mm ²	1.15 Ω/km	28.6 mm	1.59 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + control cores 25 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + control cores	25 mm ²	0.727 Ω/km	30.7 mm	2.02 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + data pair 4 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + data pair	4 mm ²	4.7 Ω/km	24.4 mm	1.01 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + data pair 6 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + data pair	6 mm ²	3.1 Ω/km	25.3 mm	1.11 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + data pair 10 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + data pair	10 mm ²	1.83 Ω/km	26.8 mm	1.30 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + data pair 16 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + data pair	16 mm ²	1.15 Ω/km	28.6 mm	1.59 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 4 power cores + data pair 25 mm ²	Vertical spreader basket movement	Spreader basket cable	4 power cores + data pair	25 mm ²	0.727 Ω/km	30.7 mm	2.02 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 3 power cores + PE + control cores 4 mm ²	Vertical spreader basket movement	Spreader basket cable	3 power cores + PE + control cores	4 mm ²	4.7 Ω/km	23.8 mm	0.96 kg/m
Crane spreader basket cable 0.6/1 kV power /	Vertical spreader	Spreader basket	3 power cores + PE	6 mm ²	3.1 Ω/km	24.7 mm	1.04 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
control circuits Spreader basket cable 3 power cores + PE + control cores 6 mm ²	basket movement	cable	+ control cores				
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 3 power cores + PE + control cores 10 mm ²	Vertical spreader basket movement	Spreader basket cable	3 power cores + PE + control cores	10 mm ²	1.83 Ω/km	26.2 mm	1.18 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 3 power cores + PE + control cores 16 mm ²	Vertical spreader basket movement	Spreader basket cable	3 power cores + PE + control cores	16 mm ²	1.15 Ω/km	28.0 mm	1.40 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable 3 power cores + PE + control cores 25 mm ²	Vertical spreader basket movement	Spreader basket cable	3 power cores + PE + control cores	25 mm ²	0.727 Ω/km	30.1 mm	1.72 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable Power + control + fiber element 4 mm ²	Vertical spreader basket movement	Spreader basket cable	Power + control + fiber element	4 mm ²	4.7 Ω/km	24.4 mm	1.01 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable Power + control + fiber element 6 mm ²	Vertical spreader basket movement	Spreader basket cable	Power + control + fiber element	6 mm ²	3.1 Ω/km	25.3 mm	1.11 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable Power + control + fiber element 10 mm ²	Vertical spreader basket movement	Spreader basket cable	Power + control + fiber element	10 mm ²	1.83 Ω/km	26.8 mm	1.30 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable Power + control + fiber element 16 mm ²	Vertical spreader basket movement	Spreader basket cable	Power + control + fiber element	16 mm ²	1.15 Ω/km	28.6 mm	1.59 kg/m
Crane spreader basket cable 0.6/1 kV power / control circuits Spreader basket cable	Vertical spreader basket movement	Spreader basket cable	Power + control + fiber element	25 mm ²	0.727 Ω/km	30.7 mm	2.02 kg/m

Cable reference	Motion duty	Cable system	Core design	Conductor size	Max DC resistance at 20 °C	Dimension guide	Cable weight
Power + control + fiber element 25 mm ²							

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