



HEAVY-DUTY DRUM REELING CABLE

DIN VDE 0250-814

36 orderable sizes

STANDARD DIN VDE 0250-814	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Flexible copper conductor
INSULATION / JACKET Polychloroprene rubber outer sheath		

Construction

- 1 ■ Conductor (per core) – Flexible copper conductor · 30 × Ø0.25 mm · IEC 60228 c1.5
- 2 ■ Core insulation – EPR rubber insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Braid shield (C)
- 5 ■ Sheath – Polychloroprene rubber 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
NSHTOU 0.6/1 kV Drum reeling cable 4G 1.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	1.5 mm ²	12.7 Ω/km	19.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 2.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	2.5 mm ²	7.6 Ω/km	20.6 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 4 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	4 mm ²	4.7 Ω/km	21.4 mm	Anti-torsion textile braid support

Cable reference	Reel duty	Reel system	Core / element design	Conductor size	Max DC resistance at 20 °C	OD guide	Tensile support
NSHTOU 0.6/1 kV Drum reeling cable 4G 6 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	6 mm ²	3.1 Ω/km	22.3 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 10 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	10 mm ²	1.83 Ω/km	23.7 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 16 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	16 mm ²	1.15 Ω/km	25.4 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 25 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	25 mm ²	0.727 Ω/km	27.4 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 35 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	35 mm ²	0.524 Ω/km	29.2 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 4G 50 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	4G	50 mm ²	0.387 Ω/km	31.5 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 1.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	1.5 mm ²	12.7 Ω/km	20.4 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 2.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	2.5 mm ²	7.6 Ω/km	21.1 mm	Anti-torsion textile braid support

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NSHTOU 0.6/1 kV Drum reeling cable 5G 4 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	4 mm ²	4.7 Ω/km	21.9 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 6 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	6 mm ²	3.1 Ω/km	22.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 10 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	10 mm ²	1.83 Ω/km	24.2 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 16 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	16 mm ²	1.15 Ω/km	25.9 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 25 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	25 mm ²	0.727 Ω/km	27.9 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 35 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	35 mm ²	0.524 Ω/km	29.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 5G 50 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	5G	50 mm ²	0.387 Ω/km	32.1 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 1.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	1.5 mm ²	12.7 Ω/km	21.3 mm	Anti-torsion textile braid support

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NSHTOU 0.6/1 kV Drum reeling cable 7G 4 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	4 mm ²	4.7 Ω/km	22.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 6 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	6 mm ²	3.1 Ω/km	23.7 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 10 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	10 mm ²	1.83 Ω/km	25.1 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 16 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	16 mm ²	1.15 Ω/km	26.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 25 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	25 mm ²	0.727 Ω/km	28.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 35 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	35 mm ²	0.524 Ω/km	30.7 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 7G 50 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	7G	50 mm ²	0.387 Ω/km	33.0 mm	Anti-torsion textile braid support

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NSHTOU 0.6/1 kV Drum reeling cable 12G 1.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	1.5 mm ²	12.7 Ω/km	23.1 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 12G 2.5 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	2.5 mm ²	7.6 Ω/km	23.8 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 12G 4 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	4 mm ²	4.7 Ω/km	24.6 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 12G 6 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	6 mm ²	3.1 Ω/km	25.5 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 12G 10 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	10 mm ²	1.83 Ω/km	26.9 mm	Anti-torsion textile braid support
NSHTOU 0.6/1 kV Drum reeling cable 12G 16 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	16 mm ²	1.15 Ω/km	28.6 mm	Anti-torsion textile braid support
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NSHTOU 0.6/1 kV Drum reeling cable 12G 50 mm ²	Frequent reeling and unreeling with tensile and torsional stress	Drum reeling cable	12G	50 mm ²	0.387 Ω/km	34.8 mm	Anti-torsion textile braid support

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