



Rubber-insulated cables - NSSHöu/3ESt heavy-duty rubber cable for mining working



Technical attributes

Standards	with DIN VDE 0250 part 812
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core colours	DIN VDE 0293
Outer sheath	rubber mixture 5GM5
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+80 °C
Temperature at conductor max.	+90 °C
Short circuit temperature at conductor max.	+250 °C
Operating voltage	in three- and single-phase $U_0 / U = 690/1150$ V for direct current systems $U_0 / U = 1040/1730$ V
Nominal voltage U_0/U	0,6/1 kV
Test voltage	3000 V
Minimum bending radius mobile operation	DIN VDE 0298-3
fire behaviour	VDE 0482, Teil 332-1-2, EN 60332-1-2, IEC 60332-1-2
Tensile load	to 15 N/mm ²
RoHS-compliant	yes

Description

In dry, damp and wet environments and outdoors in heavy mechanical loads, for heavy equipment and tools, construction sites, industrial, mining, quarrying and underground mining. For use in power installations to VDE 0100 or other relevant applicable regulations for installation, such as mining VDE 0118.

Note

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Product table

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01916001	NSSHöu 3 x 2,5 + 3 x 2,5/3E + 3 x 1,5 St	540,00	211,00	17,80	yellow
01916002	NSSHöu 3 x 4 + 3 x 4/3E + 3 x 1,5 St	600,00	255,00	19,40	yellow
01916003	NSSHöu 3 x 6 + 3 x 6/3E + 3 x 1,5 St	680,00	341,00	1,00	yellow
01916014	NSSHöu 3 x 6 + 3 x 6/3E + 3 x 1,5 St tinned ye	680,00	341,00	1,00	yellow
01916004	NSSHöu 3 x 10 + 3 x 10/3E	1010,00	514,00	25,80	yellow



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product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
	+ 3 x 1,5 St				
01916016	NSSHöu 3 x 16 + 3 x 16/3E + 3 x 2,5 St untinned bk	1330,00	754,00	27,60	black
01916005	NSSHöu 3 x 16 + 3 x 16/3E + 3 x 2,5 St untinned ye	1330,00	754,00	27,60	yellow
01916015	NSSHöu 3 x 16 + 3 x 16/3E + 3 x 2,5 St tinned ye	1330,00	754,00	27,60	yellow
01916006	NSSHöu 3 x 25 + 3 x 1 6/3E + 3 x 2,5 St	1770,00	1042,00	31,50	yellow
01916007	NSSHöu 3 x 35 + 3 x 16/3E + 3 x 2,5 St	2270,00	1368,00	35,60	yellow
01916008	NSSHöu 3 x 50 + 3 x 25/3E + 3 x 2,5 St	3220,00	1896,00	41,30	yellow
01916009	NSSHöu 3 x 70+3x35/3E+3x2,5 ST	4110,00	2587,00	46,90	yellow
01916010	NSSHöu 3 x 95 + 3 x 50/3E + 3 x 2,5 St	5550,00	3509,00	53,80	yellow
01916011	NSSHöu 3 x 120 + 3 x 70/3E + 3 x 2,5 St	6510,00	4440,00	61,00	yellow
01916013	NSSHöu 3 x 150 + 3 x 70/3E + 3 x 2,5 St	7000,00	5414,00	61,00	yellow