

Starkstromkabel / Power Cables

NA2XS(F) 2Y

Mittelspannungskabel
Medium voltage cable



Verwendung:

Zur Verlegung in Erde, im Wasser, im Freien, in Innenräumen und Kabelkanälen für EVU-Netze, Industrie- und Verteilernetze.

Kabel ist halogenfrei aber nicht flammwidrig.

Das integrierte Quellband verhindert nach mechanischen Schäden das Eindringen von Wasser in das Kabel.

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Aufbau:

Technische Daten:

Leiter Werkstoff	Aluminium
Leiterklasse	Klasse 2
Aderisolationwerkstoff	VPE
Aderkennung	
Verseilung	
Außenmantelwerkstoff	PE
Mantelfarbe	Schwarz
Nennspannung [V]	6/10 (12) kV 12/20 (24) kV 18/30 (36) k
Prüfspannung [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 k
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	15 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	+70°C
Betriebstemp. bew. min/mac [C]	-20°C bis +70
Temperatur am Leiter max.	+90°C bei Betrieb +250°C im Kurzschlussfall
Brandverhalten	
Normen	DIN VDE 0276-620 HD 620 S1 DIN EN 60228 BS EN/IEC 60332-1-2

Application:

For installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks.

PE sheath is halogen-free, but not flame retardant.

The water blocking tape avoids water propagation inside the cable.

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Construction:

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Technical Data:

Conductor Material	Aluminium
Conductor class	Class 2
core insulation	VPE
core identification	*
stranding	*
outer sheath	PE
sheath colour	Black
rated voltage [V]	6/10 (12) kV 12/20 (24) kV 18/30 (36) k
testing voltage [V]	6/10 kV: 21 kV 12/20 kV: 42 kV 18/30 kV: 63 k
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	15 x d
min. bending radius moved [xd]	*
working temp fixed min/max [C]	+70°C
working temp moved min/mac [C]	-20°C up to +70
temp at conductor max.	+90°C in operation +250°C in case of short circuit
burning behaviour	*
Approvals	DIN VDE 0276-620 HD 620 S1 DIN EN 60228 BS EN/IEC 60332-1-2

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
833015000/16	1 x 50 / 16 06/10 kV	25.00	18.20	85.00
833015000/16	1 x 50 / 16 12/20 kV	29.00	18.20	105.00
833015000/16	1 x 50 / 16 18/30 kV	34.00	18.20	135.00
833017000/16	1 x 70 / 16 06/10 kV	27.00	18.20	95.00
833017000/16	1 x 70 / 16 12/20 kV	31.00	18.20	95.00
833017000/16	1 x 70 / 16 18/30 kV	36.00	18.20	145.00
833019500/16	1 x 95 / 16 06/10 kV	28.00	18.20	110.00
833019500/16	1 x 95 / 16 12/20 kV	32.00	18.20	130.00
833019500/16	1 x 95 / 16 18/30 kV	37.00	18.20	160.00
833019500/35	1 x 95 / 35 18/30 kV	37.50	39.60	142.00
8330112000/16	1 x 120 / 16 06/10 kV	30.00	18.20	120.00
8330112000/16	1 x 120 / 16 12/20 kV	34.00	18.20	145.00
8330112000/16	1 x 120 / 16 18/30 kV	39.00	18.20	175.00
8330112000/35	1 x 120 / 35 18/30 kV	39.00	39.60	156.00
8330115000/25	1 x 150 / 25 06/10 kV	31.00	28.30	140.00
8330115000/16	1 x 150 / 16 12/20 kV	36.00	18.20	125.40
8330115000/25	1 x 150 / 25 12/20 kV	36.00	28.30	165.00
8330115000/50	1 x 150 / 50 12/20 kV	36.40	56.00	156.00
8330115000/25	1 x 150 / 25 18/30 kV	40.00	28.30	195.00
8330115000/35	1 x 150 / 35 18/30 kV	40.50	39.60	167.00
8330118500/25	1 x 185 / 25 06/10 kV	33.00	28.30	155.00
8330118500/25	1 x 185 / 25 12/20 kV	37.00	28.30	180.00
8330118500/25	1 x 185 / 25 18/30 kV	42.00	28.30	215.00
8330118500/35	1 x 185 / 35 18/30 kV	42.00	39.60	182.50
8330124000/25	1 x 240 / 25 06/10 kV	35.00	28.30	175.00
8330124000/25	1 x 240 / 25 12/20 kV	40.00	28.30	205.00
8330124000/25	1 x 240 / 25 18/30 kV	44.00	28.30	240.00
8330130000/25	1 x 300 / 25 06/10 kV	37.00	28.30	205.00
8330130000/25	1 x 300 / 25 12/20 kV	42.00	28.30	230.00
8330130000/50	1 x 300 / 50 12/20 kV	42.00	56.00	212.00
8330130000/25	1 x 300 / 25 18/30 kV	47.00	28.30	270.00
8330130000/35	1 x 300 / 35 18/30 kV	46.00	39.60	228.50
8330140000/35	1 x 400 / 35 06/10 kV	40.00	39.40	245.00
8330140000/50	1 x 400 / 50 06/10 kV	40.00	56.00	220.00
8330140000/35	1 x 400 / 35 12/20 kV	45.00	39.40	280.00
8330140000/35	1 x 400 / 35 18/30 kV	50.00	39.40	320.00

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
8330140000/70	1 x 400 / 70 18/30 kV	0.00	79.10	365.00
8330150000/35	1 x 500 / 35 06/10 kV	44.00	39.40	285.00
8330150000/35	1 x 500 / 35 12/20 kV	48.00	39.40	320.00
8330150000/50	1 x 500 / 50 12/20 kV	48.30	56.00	284.00
8330150000/35	1 x 500 / 35 18/30 kV	53.00	39.40	365.00
8330150000/50	1 x 500 / 50 18/30 kV	54.50	56.50	331.00
8330163000/35	1 x 630 / 35 6/10 kv	49.00	39.40	296.90
8330163000/35	1 x 630 / 35 12/20 kv	52.00	39.40	326.80
8330163000/35	1 x 630 / 35 18/30 kv	60.00	39.40	373.80
8330180000/35	1 x 800 / 35 12/20 kv	60.00	39.40	397.30
8330180000/35	1 x 800 / 35 18/30 kv	65.00	39.40	436.70
8330110000/35	1 x 1000 / 35 6/10 kv	56.00	39.40	445.00
8330110000/35	1 x 1000 / 35 12/20 kv	63.00	39.40	461.00
8350110000/35	1 x 1000 / 35 18/30KV	66.00	39.40	480.00

Kontakt: