Energiekabel 1kV
Power Cables 1kV

E-AY2Y-J



Application

Power cables for energy supply are installed in open air, in underground, in water, indoors, in cable ducts, power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not to be expected.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

ÖVE K 23 und K 603

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare aluminium conductor solid or stranded, to DIN VDE 0295 cl. 1 or cl. 2, BS 6360 cl. 1 or cl. 2 and IEC 60228 cl. 1 or cl. 2
Core Insulation	Polyvinyl chloride (PVC)
Core Color	HD 308 S2, 7 cores black with continuous white numbers printed
Stranding Elements	multi cores stranded in layers
Inner Sheath Material	filler sheath or tape
Outer Insulation Material	Poly ethylene (PE), black

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 900 /1800 V
Test Voltage	4000 V
Bending Radius fixed (xD)	15
Operating Temperature solid	-20 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	160 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

Application

Power cables for energy supply are installed in open air, in underground, in water, indoors, in cable ducts, power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not to be expected.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

ÖVE K 23 und K 603

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare aluminium conductor solid or stranded, to DIN VDE 0295 cl. 1 or cl. 2, BS 6360 cl. 1 or cl. 2 and IEC 60228 cl. 1 or cl. 2
Core Insulation	Polyvinyl chloride (PVC)
Core Color	HD 308 S2, 7 cores black with continuous white numbers printed
Stranding Elements	multi cores stranded in layers
Inner Sheath Material	filler sheath or tape
Outer Insulation Material	Poly ethylene (PE), black

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 900 /1800 V
Test Voltage	4000 V
Bending Radius fixed (xD)	15
Operating Temperature solid	-20 °C to 70 °C
Operating Temperature moving	-5 °C to 70 °C
Short Circuit Temperature	160 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

Technische Änderungen und Druckfehler vorbehalten
Technical changes and printing errors reserved

Produktabbildungen sind Symbolfotos
Product images are symbolic photos

Copyright© ACS Handels GmbH

Energiekabel 1kV
Power Cables 1kV

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01306035	O	1 x 120 rm	black - black	525,0	20,0
01306032	J	1 x 120 rm	black - black	525,0	20,0
01306037	O	1 x 240 rm	black - black	1.058,0	26,5
01306036	J	1 x 240 rm	black - black	1.058,0	26,5
01306055	O	1 x 300 rm	black - black	1.344,0	31,2
01306056	J	1 x 300 rm	black - black	1.344,0	31,2
01306064	O	1 x 400 rm	black - black	1.760,0	33,9
01306058	O	3 x 240 sm	black - black	3.751,0	49,4
01306024	O	3 x 240+120 sm	black - black	3.510,0	52,0
01306033	J	3 x 240+120 sm	black - black	3.510,0	52,0
01306034	J	4 x 25 re	black - black	689,0	25,0
01306040	J	4 x 25 rm	black - black	700,0	26,0
01306002	O	4 x 25 rm	black - black	700,0	26,0
01306030	J	4 x 35 sm	black - black	729,0	24,5
01306027	J	4 x 50 se	black - black	900,0	26,5
01306031	J	4 x 50 sm	black - black	929,0	27,0
01306005	O	4 x 50 sm	black - black	929,0	27,0
01306038	J	4 x 70 sm	black - black	1.341,0	32,0
01306013	J	4 x 95 se	black - black	1.573,0	33,5
01306029	J	4 x 95 sm	black - black	1.632,0	35,0
01306007	O	4 x 95 sm	black - black	1.632,0	35,0
01306039	J	4 x 120 sm	black - black	2.225,0	38,5
01306051	J	4 x 150 se	black - black	2.320,0	42,0
01306022	J	4 x 150 sm	black - black	2.450,0	42,5

ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

Technische Änderungen und Druckfehler vorbehalten
Technical changes and printing errors reserved

Produktabbildungen sind Symbolfotos
Product images are symbolic photos

Copyright© ACS Handels GmbH

Energiekabel 1kV
Power Cables 1kV

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01306009	O	4 x 150 sm	black - black	2.450,0	42,5
01306046	J	4 x 185 se	black - black	3.102,0	51,0
01306015	J	4 x 185 sm	black - black	3.102,0	51,0
01306010	O	4 x 185 sm	black - black	3.102,0	51,0
01306047	J	4 x 240 se	black - black	3.985,0	54,5
01306016	J	4 x 240 sm	black - black	3.985,0	56,0
01306011	O	4 x 240 sm	black - black	3.985,0	56,0
01306054	J	5 x 25 rm	black - black	1.018,0	27,5

ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

Technische Änderungen und Druckfehler vorbehalten
Technical changes and printing errors reserved

Produktabbildungen sind Symbolfotos
Product images are symbolic photos

Copyright© ACS Handels GmbH