

RZ1-K 0,6/1 kV - Cca

INSTALLATION CABLE HALOGEN FREE



APPLICATION

As regular installation cable where high flexibility and small bending radius is required or an advantage. For example in factories and machine installations, in cable trays, ladders or panel installation. Cable is UV-resistant and can be used indoors and outdoors or buried directly in soil. Must be installed in accordance with S.B..

CONSTRUCTION

Conductor	Multi-stranded, annealed copper according to IEC 60228 class 5.
Insulation	XLPE – cross-linked Polyethylene UV resistant
Core colour	1-core: Yellow/green or black 3G-core: Yellow/Green, blue, brown 4G-core: Yellow/green, brown, black, grey 4 x-core: Blue, brown, black, grey 5G-core: Y/G, blue, brown, black, grey
Outer sheath	Halogen free compound HFFR, Green color, Meter marked.
Pulling force	Max. 50 N/mm ² copper conductor

TECHNICAL DATA

Rated voltage	0,6/ 1 kV
Test voltage	3500V
Temperature	Fixed installation from -40°C to +90°C Flexible installation from -5°C to +70°C Max. conductor temperature +90°C Max. operational temperature +90°C Short circuit temperature +250°C
Bending radius	Fixed installation: 4 x D <25mm ² During installation: 5 x D 25-50mm ² Plowed: 6 x D >50mm ²

STANDARD / DIRECTIVE

Standard	IEC 60502-1, UNE 21123-4
Directive	CE-marked, adheres to LVD, RoHS, REACH
CPR	Class Cca-s1b,d1,a1 DoP number – see datasheet and download
DoP finder	dk.prysmiangroup.com/dop

FIRE PROPERTIES

Self-extinguishing	IEC 60332-1, IEC 60332-3 Cat.C
Halogen free	IEC 60754-1, EN 50267-2-1
Smoke density	IEC 61034, EN 50268-1/2
Corrosivity	IEC 60754-2, EN 50267-2-3
Current load	Iht. SB 2001:6 – very good heat dissipation conditions

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Cross Section mm ²	Outer diameter mm	Weight Kg/km	Length Drum/m	Current Load Air 30°C Max. A	DOP-number	EAN-number
1X6	8,5	120	T500	54	1000780	8430220087987
1X10	9,6	167	T500	75	1000781	8430220087956
1X16	10,6	226	T500	100	1000782	8430220087970
1x25	12,3	321	T500	135	1000783	8430220087994
1x35	13,8	421	T500	169	1000784	8430220087963
1x50	15,4	579	T500	207	1000814	8430220088144
1x70	17,3	780	T500	268	1000815	8430220088168
1x95	19,2	995	T500	328	1000816	8430220088113
1x120	21,3	1240	T500	383	1000817	8430220088151
1x150	23,4	1529	T500	444	1000818	8430220088069
1x185	25,6	1826	T500	510	1000819	8430220088076
1x240	28,6	2383	T500	607	1000820	8430220088083
1x300	31,3	2942	T500	703	1000821	8430220088106
2x1,5	10	134	T500	26	1000750	8430220087857
2x6	12,9	271	T500	63	1000752	8430220087864
2x10	15,2	399	T500	86	1000786	8430220087666
2x16	17,7	566	T500	115	1000787	8430220087680
3G1,5	10,4	150	T500	26	1000753	8430220087871
3G2,5	11,4	193	T500	36	1000754	8430220087895

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Cross Section mm ²	Outer diameter mm	Weight Kg/km	Length Drum/m	Current load Air 30°C Max. A	DOP-number	EAN-number
3G4	12,4	205	T500	49	1000755	8430220087888
3G6	13,6	324	T500	63	1000788	8430220087697
3G10	16,0	486	T500	86	1000789	8430220087673
3G16	18,7	696	T500	115	1000790	8430220087734
4G1,5	11,2	173	T500	23	1000756	8430220087901
4G2,5	12,3	227	T500	32	1000757	8430220087925
4G4	13,4	298	T500	42	1000795	8430220087727
4G6	14,7	391	T500	54	1000796	8430220087796
4x10	17,6	593	T500	75	1000792	8430220087710
4G10	17,6	593	T500	75	1000797	8430220087703
4x16	20,4	855	T500	100	1000793	8430220087826
4G16	20,4	855	T500	100	1000798	8430220087741
4x25	24,3	1267	T500	127	1000794	8430220087802
4x35	28,4	1792	T500	158	1000822	8430220088120
4x50	32,5	2439	T500	192	1000823	8430220088052
4x70	37,1	3359	T500	246	1000824	8430220088137
4x95	41,2	4276	T500	298	1000825	8430220088090
4x150	51,8	6750	T500	399	1000826	8430220088021
4x185	57,6	8172	T500	456	1000827	8430220088014
4x240	64,4	10642	T500	538	1000828	8430220088045
5G2.5	13,3	266	T500	32	1000759	8430220087932
5G4	14,5	315	T500	42	1000799	8430220087789
5G6	16,0	420	T500	54	1000800	8430220087833
5G10	19,0	660	T500	75	1000801	8430220087772
5G16	22,2	990	T500	100	1000802	8430220087758
5G25	26,6	1490	T500	127	1000803	8430220087840
5G35	31,4	2160	T500	158	1000760	8430220088038
5G50	35,2	2763	T500	192	1000761	8430220088007