

## IX PURE 750V

Safetycable Halogen-free connection wire



### GENERAL INFO

Cable for open or hidden pipe installation and as a connecting cable. Halogen-free wire, which is recommended when it is important to avoid build up of dense smoke and corrosive gases, in case of overheating or fire.

Cenelec: H07Z1-R

### CABLE CONSTRUCTION

Conductor material	Copper
Core insulation material	Halogenfree polymer
Drain wire	No
Longitudinal water blocking cable	No
Radial water blocking cable	No
Twisted cores	No
Screen	No
Lead sheath	No
Material outer sheath	Halogenfree polymer
Cable shape	Round
Flame retardant	In accordance with EN/IEC 60332-1-2

### MARKING TEXT ON OUTER SHEATH (EXAMPLE)

## STANDARDS APPLIED



EN 50525-2-31 IEC 60227-3  
IEC 60228 class 2  
IEC 60332-1  
EN 50575:2014+A1:2016

Construction  
Conductors  
Flame retardant properties  
Reaction to fire

## APPLICATION PROPERTIES

Nominal voltage U <sub>0</sub> [V]	450
Nominal voltage U [V]	750
Flame retardant	In accordance with EN/IEC 60332-1-2
Halogen free	acc. IEC/EN 60754-1/2
Halogen free (acc. EN 60754-1/2)	Yes
Halogen free (acc. IEC 60754-2)	Yes
Low smoke	acc. IEC/EN 61034-2
Low smoke (acc. EN 61034-2)	Yes
Low smoke (acc. IEC 61034-2)	Yes
Reaction-to-fire class (acc. EN 13501-6)	Dca
Smoke development class (acc. EN 13501-6)	s2
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a2
Max. conductor temperature [°C]	70
Bending radius (rule)	3xD

## PRODUCT RANGE / ORDER DATA

Basic construction	Colour outer sheath	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
1.5mm <sup>2</sup> G/Gr	None	1002607	Bobbin	150	6430065751694	20218594	1024504
1.5mm <sup>2</sup> Brun	None	1002607	Bobbin	150	6430065751670	20218592	1024502
1.5mm <sup>2</sup> Sort	None	1002607	Bobbin	150	6430065751656	20218580	1024500
1.5mm <sup>2</sup> Blå	None	1002607	Bobbin	150	6430065751687	20218593	1024503
1.5mm <sup>2</sup> Grå	None	1002607	Bobbin	150	6430065751663	20218591	1024501
2.5mm <sup>2</sup> G/Gr	None	1002607	Bobbin	100	6430065751748	20218599	1024509
2.5mm <sup>2</sup> Brun	None	1002607	Bobbin	100	6430065751724	20218597	1024507
2.5mm <sup>2</sup> Sort	None	1002607	Bobbin	100	6430065751700	20218595	1024505
2.5mm <sup>2</sup> Blå	None	1002607	Bobbin	100	6430065751731	20218598	1024508
2.5mm <sup>2</sup> Grå	None	1002607	Bobbin	100	6430065751717	20218596	1024506
4mm <sup>2</sup> G/Gr	None	1002607	Bobbin	100	6430065751793	20218603	1024514
4mm <sup>2</sup> Brun	None	1002607	Bobbin	100	6430065751779	20218601	1024512
6mm <sup>2</sup> Brun	None	1002607	Bobbin	100	6410004062098	20215733	1024517
6mm <sup>2</sup> Sort	None	1002607	Bobbin	100	6410004033982	20215738	1024515
6mm <sup>2</sup> Blå	None	1002607	Bobbin	100	6410004062081	20215737	1024518
6mm <sup>2</sup> G/Gr	None	1002607	Bobbin	100	6410004033968	20215739	1024519
6mm <sup>2</sup> Grå	None	1002607	Bobbin	100	6430065751250	20215740	1024516
10mm <sup>2</sup> Grå	None	1002607	Bobbin	100	6430065751274	20215756	1024521
10mm <sup>2</sup> Brun	None	1002607	Bobbin	100	6430065751267	20215755	1024522
10mm <sup>2</sup> Blå	None	1002607	Bobbin	100	6410004062159	20215754	1024523
10mm <sup>2</sup> Sort	None	1002607	Bobbin	100	6410004062135	20215753	1024520
10mm <sup>2</sup> G/Gr	None	1002607	Bobbin	100	6430065754077	20215751	1024524
16mm <sup>2</sup> Grå	None	1002607	Bobbin	100	6430065751281	20215789	1024526
16mm <sup>2</sup> Brun	None	1002607	Bobbin	100	6430065751298	20215790	1024527
16mm <sup>2</sup> G/Gr	None	1002607	Bobbin	100	6410004062173	20215796	1024529
16mm <sup>2</sup> Blå	None	1002607	Bobbin	100	6410004062265	20215793	1024528
16mm <sup>2</sup> Sort	None	1002607	Bobbin	100	6410004062197	20215795	1024525
25mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751304	20215791	1024531
25mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062272	20215785	1024532
25mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062296	20215786	1024530
35mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062388	20215818	1024533
35mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751311	20215811	1024534

## PRODUCT RANGE / ORDER DATA

Basic construction	Colour outer sheath	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
35mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062371	20215817	1024535
50mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062418	20215820	1024536
50mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062401	20215819	1024538
50mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751328	20215812	1024537
70mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751335	20215813	1024540
70mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062456	20215823	1024541
70mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062463	20215821	1024539
95mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062487	20215828	1024542
95mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062470	20215824	1024544
95mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751342	20215814	1024543
120mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062494	20215822	1024547
120mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062500	20215829	1024545
120mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751359	20215815	1024546
150mm <sup>2</sup> Sort	None	1002607	Drum	500	6410004062524	20215830	1024548
150mm <sup>2</sup> G/Gr	None	1002607	Drum	500	6410004062517	20215825	1024550
150mm <sup>2</sup> Grå	None	1002607	Drum	500	6430065751366	20215816	1024549

ER = Copper solid round

FR = Copper stranded round

FV = Copper stranded sectorshaped

AFR = Aluminium stranded round

AFV = Aluminium stranded sectorshaped

## DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
IX PURE 750V 1,5 G/GR S150	Bobbin	150	3	1002607	1024504
IX PURE 750V 1,5 BRUN S150	Bobbin	150	3	1002607	1024502
IX PURE 750V 1,5 SORT S150	Bobbin	150	3	1002607	1024500
IX PURE 750V 1,5 BLÅ S150	Bobbin	150	3	1002607	1024503
IX PURE 750V 1,5 GRÅ S150	Bobbin	150	3	1002607	1024501
IX PURE 750V 2,5 G/GR S100	Bobbin	100	3	1002607	1024509
IX PURE 750V 2,5 BRUN S100	Bobbin	100	3	1002607	1024507
IX PURE 750V 2,5 SORT S100	Bobbin	100	3	1002607	1024505
IX PURE 750V 2,5 BLÅ S100	Bobbin	100	3	1002607	1024508
IX PURE 750V 2,5 GRÅ S100	Bobbin	100	3	1002607	1024506
IX PURE 750V 4MM2 G/GR S100	Bobbin	100	5	1002607	1024514
IX PURE 750V 4MM2 BRUN S100	Bobbin	100	5	1002607	1024512
IX PURE 750V 6MM2 BRUN S100	Bobbin	100	32	1002607	1024517
IX PURE 750V 6MM2 SORT S100	Bobbin	100	32	1002607	1024515
IX PURE 750V 6MM2 BLÅ S100	Bobbin	100	32	1002607	1024518
IX PURE 750V 6MM2 G/GR S100	Bobbin	100	32	1002607	1024519
IX PURE 750V 6MM2 GRÅ S100	Bobbin	100	32	1002607	1024516
IX PURE 750V 10MM2 GRÅ S100	Bobbin	100	56	1002607	1024521
IX PURE 750V 10MM2 BRUN S100	Bobbin	100	56	1002607	1024522
IX PURE 750V 10MM2 BLÅ S100	Bobbin	100	56	1002607	1024523

## DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
IX PURE 750V 10MM2 SORT S100	Bobbin	100	56	1002607	1024520
IX PURE 750V 10MM2 G/GR S100	Bobbin	100	56	1002607	1024524
IX PURE 750V 16MM2 GRÅ S100	Bobbin	100	85	1002607	1024526
IX PURE 750V 16MM2 BRUN S100	Bobbin	100	85	1002607	1024527
IX PURE 750V 16MM2 G/GR S100	Bobbin	100	85	1002607	1024529
IX PURE 750V 16MM2 BLÅ S100	Bobbin	100	85	1002607	1024528
IX PURE 750V 16MM2 SORT S100	Bobbin	100	85	1002607	1024525
IX PURE 750V 25MM2 GRÅ T500	Drum	500	145.5	1002607	1024531
IX PURE 750V 25MM2 G/GR T500	Drum	500	145.5	1002607	1024532
IX PURE 750V 25MM2 SORT T500	Drum	500	145.5	1002607	1024530
IX PURE 750V 35MM2 SORT T500	Drum	500	190.5	1002607	1024533
IX PURE 750V 35MM2 GRÅ T500	Drum	500	190.5	1002607	1024534
IX PURE 750V 35MM2 G/GR T500	Drum	500	190.5	1002607	1024535
IX PURE 750V 50MM2 SORT T500	Drum	500	258	1002607	1024536
IX PURE 750V 50MM2 G/GR T500	Drum	500	258	1002607	1024538
IX PURE 750V 50MM2 GRÅ T500	Drum	500	258	1002607	1024537
IX PURE 750V 70MM2 GRÅ T500	Drum	500	360.5	1002607	1024540
IX PURE 750V 70MM2 G/GR T500	Drum	500	360.5	1002607	1024541
IX PURE 750V 70MM2 SORT T500	Drum	500	360.5	1002607	1024539
IX PURE 750V 95MM2 SORT T500	Drum	500	491	1002607	1024542

## DIMENSIONAL DATA

Item name	Packaging type	Standard packaging quantity	Gross weight	DOP number	EL no.
IX PURE 750V 95MM2 G/GR T500	Drum	500	491	1002607	1024544
IX PURE 750V 95MM2 GRÅ T500	Drum	500	491	1002607	1024543
IX PURE 750V 120MM2 G/GR T500	Drum	500	626.5	1002607	1024547
IX PURE 750V 120MM2 SORT T500	Drum	500	626.5	1002607	1024545
IX PURE 750V 120MM2 GRÅ T500	Drum	500	626.5	1002607	1024546
IX PURE 750V 150MM2 SORT T500	Drum	500	764	1002607	1024548
IX PURE 750V 150MM2 G/GR T500	Drum	500	764	1002607	1024550
IX PURE 750V 150MM2 GRÅ T500	Drum	500	764	1002607	1024549

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