



## SAFETY CABLE

### Halogen-free control cable

# IFSI 750V

Max conductor temp. : 70 °C

Rated voltage, U<sub>o</sub>/U : 450/750V

Cenelec designation : N07Z1A5Z1-U

N07Z1CZ1-U

#### Application

Thermoplastic insulated control cable.

Halogen-free cable for in-and outdoor use or direct burial in ground, to secure areas from heavy smoke and corrosive gasses in case of a fire.

National regulations for electrical installations must be followed.

#### STANDARDS APPLIED

**Construction** : CENELEC HD627-7B2

**Flame retardancy** : Yes, IEC 60332-3C

**Halogen-free** : Yes, IEC 60754-1 and 2

**Low Smoke** : Yes, IEC 61034

#### APPROVALS

**NEMKO**

**CE-marking, acc. to LVD.**

## CONSTRUCTION

	CODE	
<b>Conductor</b>		Solid copper
<b>Insulation</b>	I	Halogen-free Polymer
<b>Bedding</b>	F	Halogen-free
<b>Concentric conductor (PE-conductor)</b>	S	5x og 7x has aluminiumtape with drain wire ≥ 12x has concentric screen of copper wires
<b>Outer sheath</b>	I	Halogen-free Polymer
<b>Colour</b>		Black
<b>Marking</b>		Insulated cores are number coded. Printed on outer sheath, designation and dimension
<b>Mode of packing</b>		Drum

## DIMENSIONS

Rev.1.

No. of cores and conductor area, mm <sup>2</sup>	Conductor type *)	Screen area mm <sup>2</sup>	El. No.	Art. No.	Outer diameter approx. mm	Approx. weight kg/km
5 x 1,5	ER	Aluminiumscreen 1,5	1045405	350110	13	250
5 x 2,5	ER	2,5	1045455	350140	15	340
7 x 1,5	ER	1,5	1045407	350115	14	290
7 x 2,5	ER	2,5	1045457	350145	16	410
12 x 1,5	ER	Copperwire screen 4,0	1045412	350120	17	380
12 x 2,5	ER	4,0	1045462	350150	20	530
19 x 1,5	ER	6,0	1045419	350125	20	580
19 x 2,5	ER	6,0	1045469	350155	23	810
27 x 1,5	ER	6,0	1045427	350130	23	760
27 x 2,5	ER	6,0	1045477		27	1140
37 x 1,5	ER	6,0	1045437	350135	26	970
37 x 2,5	ER	6,0	1045487		30	1490

\*)ER = Solid round

Not all dimensions are in stock.

Mode of packing and length can be changed