



## EMC-Line 1kV (IFSI)



### EMCline

#### Halogen-free installation cable with aluminium conductor

Max conductor temp. : 90°C  
Rated voltage U<sub>0</sub>/U : 0,6/1kV  
Cenelec designation : N1ZCZ1-AR (AS)

#### Application

Power cable with rated voltage up to 1kV. Halogen-free cable for indoor and outdoor use, to secure areas from heavy smoke and corrosive gases in case of fire. Improved EMC screen according to EMC directive. National regulations for electrical installations must be followed.

#### STANDARDS APPLIED

**Construction** : CENELEC HD 604-5D  
**Insulation** : IEC 60502-1  
**Flame retardancy** : IEC 60332-3C  
**Halogen-free** : IEC 60754-1 and 2  
**Low smoke** : IEC 61034

#### APPROVALS

**NEMKO**  
CE-marked, acc. to LVD

### CONSTRUCTION

	CODE	
<b>Conductor</b>		Stranded aluminium
<b>Insulation</b>	I	Cross-linked Halogen-free Polymer
<b>Bedding/tape</b>	F	Halogen-free
<b>Concentric conductor (PE/PEN-conductor)</b>	S	Copperfoil with overlap and concentric screen of copper wires.
<b>Outer sheath</b>	I	Halogen-free Polymer
<b>Colour</b>		Black
<b>Marking</b>		Printed on outer sheath, designation and dimension. Metremarking and year of production.
<b>Mode of packing</b>		Drum

### DIMENSIONS

Rev.4.

No. of cores and conductor area mm <sup>2</sup>	Conductor type *)	El. No.	Art. No.	Outer diameter approx. mm	Approx. weight kg/km	Normal delivery Length m
3 x 25/10	AFR	1065695	478130	23	550	500
3 x 50/16	AFV	1065696	478170	26	850	500
3 x 95/35	AFV	1065697	478210	34	1590	500
3 x 150/50	AFV	1065698	478553	40	2290	500
3 x 240/70	AFV	1065699	478563	49	3520	400

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No. of cores and conductor area, mm <sup>2</sup>	Conductor type *)	El. No.	Art. No.	Outer diameter approx. mm	Approx. weight kg/km	Normal delivery Length m
4 x 25/10	AFR	1065700	478135	25	660	500
4 x 50/16	AFV	1065701	478175	29	1050	500
4 x 95/35	AFV	1065702	478215	36	1920	500
4 x 150/50	AFV	1065703	478556	45	2820	500
4 x 240/70	AFV	1065704	478566	55	4400	400

\*) AFR = Stranded round aluminium  
AFV = Stranded sector shaped aluminium

Not all dimensions are in stock.  
Mode of packing and length can be changed.