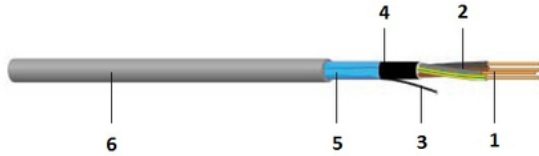


FO Indoor szGGFR / J-B(ZN)BH

Shielded power cable, 300/500V
halogen-free, with improved fire characteristics,
VDE 0250-214



- 1 **Conductor:** solid/stranded
- 2 **Insulation:** cross-linked PE, zero halogen
- 3 **Drain wire:** tinned copper
- 4 **Filler:** flame retardant, zero halogen
- 5 **Shielding:** Al-laminated tape
- 6 **Sheath:** FRNC/LSZH



DESCRIPCIÓN

For permanent installation in dry, damp or wet areas, on or behind plasterwork or in walls or concrete, except for direct embedding in cast, rammed or vibrated concrete.
Also suitable for outdoor applications.
Permitted operating temperature at conductor of +70°C.

CONSTRUCCIÓN

Conductor:	Bare copper, solid or stranded, IEC 60228, EN 60228, (VDE 0295)
Insulation:	Cross-linked Polyethylene, CENELEC HD 604 S1 and VDE 0276-604 "2X1"
Filler:	Halogen-free compound
Shielding:	Al-laminated tape with tinned copper drain wire
Outer sheath:	Polyolefin compound, VDE 0250-214 "HM2"
Core colours:	CENELEC HD 308 S2, (VDE 0293)
Sheath colour:	Grey
Imprint:	On request

PROPIEDADES ELÉCTRICAS

Nominal voltage:	300/500V
Test voltage:	2000V, 50Hz

PROPIEDADES MECÁNICAS

Minimum bending radius	permanent installation:	4 x D (D = outer diameter)
	during installation:	6 x D
Operating temperature	permanent installation:	-40°C to +70°C
	during installation:	+5°C to +50°C

NOTA

Additional dimensions available on request.

ESTÁNDARES

Estampado	On request
Cero halógenos, gases no corrosivos	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2, AREI-RGIE Art.104-SA
Propagación de la flama	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2, AREI-RGIE Art.104-F1
Dispersión de la flama	IEC 60332-3-24, EN 60332-3-24, AREI-RGIE Art.104-F2
Densidad de humo	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2, AREI-RGIE Art.104-SD

VERSIONES

N° de artículo	Producto	Número de núcleos	Sección transversal [mm²]	Forro Ø [mm]	Peso [kg/km]	Prop. Cu [kg/km]	Carga de fuego [kWh/m]	Construcción	Conductor
1301193	(N)HXM(S)tH-J 3 x 1.5/1.5	3	1.5/1.5	9	150	43	0.36	LNPE	de corrido
1301194	(N)HXM(S)tH-J 3 x 2.5	3	2.5	10	150	72	0.42	LNPE	de corrido
1301212	(N)HXM(S)tH-J 4 x 1.5/1.5	4	1.5/1.5	10	176	58	0.41	2LNPE	de corrido
1301213	(N)HXM(S)tH-J 4 x 2.5/2.5	4	2.5/2.5	11	245	96	0.48	2LNPE	de corrido
1301214	(N)HXM(S)tH-J 5 x 1.5	5	1.5	11	222	72	0.48	3LNPE	de corrido
1301195	(N)HXM(S)tH-J 5 x 2.5	5	2.5	12	150	120	0.56	3LNPE	de corrido

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