

N2XBH_V

Cable rigide 1000V armé (Cu/XLPE/STA/LSZH)
Cable rigid 1000V armored (Cu/XLPE/STA/LSZH)

FT 2 04/09/2024 FR

Application

Les câbles N2XBH armés sont prévus pour l'alimentation en intérieur des équipements électriques industriels et tertiaires de forte puissance. Sa gaine sans halogène et IEC 60332-3 est idéale pour les sites industriels, nucléaire, sidérurgie, chimie et infrastructures recevant du public.

Application

The N2XBH armoured cables are designed to feed high powered electrical equipment inside a building. Its Halogen free and IEC 60332-3 jacket is perfect for industrial, nuclear, steel and chemical sites, and public facilities.



Remarques

- sans halogène
- CPR : B2ca s1a,d1,a1
- UV résistance condition Nord Europe
- N2XBH-O sans conducteur de protection V/J (X)
- N2XBH-J avec conducteur de protection V/J (G)

Remarks

- free-halogen
- CPR : B2ca s1a,d1,a1
- UV resistance North European condition
- N2XBH-O without earth conductor G/Y (X)
- N2XBH-J with earth conductor G/Y (G)

Construction

Matériau du conducteur	Cuivre nu
Classe du conducteur	selon IEC 60228 cl.2
Isolant conducteur	XLPE
Repérage	HD 308 S2
Assemblage	conducteurs assemblés en couches
Bourrage	LSZH compound
Couleur	noir ou blanc
Armure	Double feuillard acier
Gaine extérieure	LSZH compound
Couleur de la gaine	vert

Données techniques

Tension nominale	Uo/U 600/1000 V
Tension d'essai	4 000 V
Résistance du conducteur	conforme à IEC 60228 classe 1/2
Rayon courbure min de pose	15 x d
Rayon courbure min fixe	15 x d
Temp. service min/max fixe	-30°C / +90°C
Temp. service min de pose	0°C
Temp. max sur ame	90°C
Temp. court-circuit	250°C
Comportement au feu	Non propagateur de la flamme IEC 60332-1 Non propagateur de l'incendie IEC 60332-3-24 IEC 60754-1/-2 IEC 61034-2
LSZH	IEC 60754-1/-2 IEC 61034-2
CPR Level	B2ca s1ad1a1 EN50575
Norme de référence	HD604 S1

Structure

conductor material	bare copper
conductor class	acc.to IEC 60228 cl.2
core insulation	XLPE
core identification	HD 308 S2
stranding	stranded in layers
filler	LSZH compound
colour	black or white
armour	double steel tape
outer sheath	LSZH compound
sheath colour	green

Specifications

rated voltage	Uo/U 600/1000 V
testing voltage	4 000 V
conductor resistance	conform to IEC 60228 class 1/2
min. bending radius lay	15 x d
min. bending radius fixed	15 x d
operat. temp. fixed min/max	-30°C / +90°C
lay. temp. min	0°C
max temp on core	90°C
short circuit temp.	250°C
burning behavior	flame retardant IEC 60332-1 fire retardant IEC 60332-3-24 IEC 60754-1/-2 IEC 61034-2
LSZH	IEC 60754-1/-2 IEC 61034-2
CPR level	B2ca s1ad1a1 EN50575
standard	HD604 S1

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Référence Reference	Dimensions n x mm² Dimension n x mm²	Ø extérieur mm outer Ø mm	Poids kg/km Weight kg/km
N2XBH2X15V	2X1.5	10.4	212
N2XBH2X25V	2X2.5	11.1	252
N2XBH2X4V	2X4	12.1	310
N2XBH2X6V	2X6	13.0	375
N2XBH2X10V	2X10	15.6	540
N2XBH2X16V	2X16	19.2	810
N2XBH2X25V	2X25	22.1	1100
N2XBH2X35V	2X35	23.8	1360
N2XBH3G15V	3G1.5	10.8	233
N2XBH3G25V	3G2.5	11.6	285
N2XBH3G4V	3G4	12.7	357
N2XBH3G6V	3G6	14.7	480
N2XBH3G10V	3G10	18.1	727
N2XBH3G16V	3G16	20.4	976
N2XBH3G25V	3G25	23.5	1365
N2XBH3G35V	3G35	26.0	1660
N2XBH3G50V	3G50	28.4	2174
N2XBH3G70V	3G70	33.3	2985
N2XBH3G95V	3G95	39.6	4560
N2XBH3G120V	3G120	43.7	5590
N2XBH3G150V	3G150	47.3	6590
N2XBH3G185V	3G185	52.2	8050
N2XBH3G240V	3G240	58.8	10410
N2XBH4G15V	4G1.5	11.5	268
N2XBH4G25V	4G2.5	12.4	331
N2XBH4G4V	4G4	13.8	425
N2XBH4G6V	4G6	15.9	574
N2XBH4G10V	4G10	20.1	900
N2XBH4G16V	4G16	22.2	1180
N2XBH4G25V	4G25	25.9	1690

Référence Reference	Dimensions n x mm² Dimension n x mm²	Ø extérieur mm outer Ø mm	Poids kg/km Weight kg/km
N2XBH4G35V	4G35	28.3	2043
N2XBH4G50V	4G50	31.2	2721
N2XBH4G70V	4G70	38.1	4246
N2XBH4G95V	4G95	43.6	5650
N2XBH4G120V	4G120	48.1	6970
N2XBH4G150V	4G150	52.4	8270
N2XBH4G185V	4G185	57.5	10100
N2XBH4G240V	4G240	65.0	13135
N2XBH5G15V	5G1.5	12.2	295
N2XBH5G25V	5G2.5	13.3	375
N2XBH5G4V	5G4	14.9	480
N2XBH5G6V	5G6	17.4	650
N2XBH5G10V	5G10	20.8	980
N2XBH5G16V	5G16	24.5	1436
N2XBH5G25V	5G25	28.3	2037
N2XBH5G35V	5G35	30.8	2470
N2XBH5G50V	5G50	36.0	3845
N2XBH5G70V	5G70	42.0	5210
N2XBH5G95V	5G95	48.5	6940
N2XBH5G120V	5G120	53.4	8520
N2XBH7G15V	7G1.5	13.0	330
N2XBH7G25V	7G2.5	14.4	435
N2XBH12G15V	12G1.5	16.4	520
N2XBH12G25V	12G2.5	18.3	700
N2XBH19G15V	19G1.5	19.2	720
N2XBH19G25V	19G2.5	21.1	960
N2XBH27G15V	27G1.5	22.3	670
N2XBH27G25V	27G2.5	25.0	1330

• versions spéciales, autres dimensions, sections, couleur de la gaine et des conducteurs sur demande
 • we are pleased to produce special versions, other dimensions, core and jacket colours on request.