

# STATIC APPLICATION

# DRIVEFLEX VFD 2XSLCYK- JB UL-CSA INVERTER

## APPLICATIVE FEATURES



### MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
1.50	4.00	occ. flexing 15 x Ø	8 x Ø
6.00	240.00	occ. flexing 20 x Ø	8 x Ø

## APPROVALS



AWM STYLE 21179  
90°C 1000V



AWM I/II A/B 90°C  
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

## TECHNICAL DATA



STATIC -40°C +90°C  
OCCASIONAL FLEXING -5°C  
+90°C



NOMINAL VOLTAGE 1000 V



TEST VOLTAGE 4000 V



INSULATION RESISTANCE AT  
20°C > 1 GΩ KM

## CONSTRUCTION FEATURES

GROUP PHASE CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	XLPE (UL 1581)
	INSULATION COLOR	UNEL TABLE COLOUR
GROUP GROUNDING CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	XLPE (UL 1581)
	INSULATION COLOR	GREEN/YELLOW
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC, PRODUCED OUT OF SUITABLE MATERIALS
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SEPARATION LAYER	SCREEN TAPE MYLAR INSIDE - ALLUMINIUM OUTSIDE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	MATTE BLACK , RAL: 9005, DESINA: NO

## PRODUCTS FEATURES



### FIRE PERFORMANCE

VW-1(UL); FT1(CSA); CABLE FLAME  
(UL), IEC 60332-1-2(EU)



### OIL PERFORMANCE

IEC 60811-404(EU); DIN EN 50290-  
2-22 VDE 0819-102; TM54



### UV PERFORMANCE

ISO 4892-3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
41960	(3X1,50+3G0,25)ST (3XAWG16+3GAWG24)ST	✓	100	500	8.3	120
41961	(3X2,50+3G0,50)ST (3XAWG14+3GAWG21)ST	✓		500	10	196
41962	(3X4,00+3G0,75)ST (3XAWG12+3GAWG19)ST	✓		500	12	255
41963	(3X6,00+3G1,00)ST (3XAWG10+3GAWG18)ST	✓			13	350
41964	(3X10,00+3G1,50)ST (3XAWG08+3GAWG16)ST	✓			16	550
41965	(3X16,00+3G2,50)ST (3XAWG06+3GAWG14)ST	✓			18	810
41966	(3X25,00+3G4,00)ST (3XAWG04+3GAWG12)ST	✓			21	1220
41967	(3X35,00+3G6,00)ST (3XAWG02+3GAWG10)ST	✓			24	1710
41968	(3X50,00+3G10,00)ST (3XAWG01+3GAWG08)ST	✓			29.5	2405
41969	(3X70,00+3G10,00)ST (3XAWG2/0+3XAWG08)ST	✓			33	3180
41970	(3X95,00+3G16,00)ST (3XAWG3/0+3GAWG06)ST	✓			37	3920
41971	(3X120,00+3G16,00)ST (3XAWG4/0+3GAWG06)ST	✓			41	5900
41972	(3X150,00+3G25,00)ST (3X250KCMIL+3GAWG04)ST	✓			45.5	6460
41973	(3X185,00+3G35,00)ST (3X350KCMIL+3GAWG02)ST	✓			52	8350

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.

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