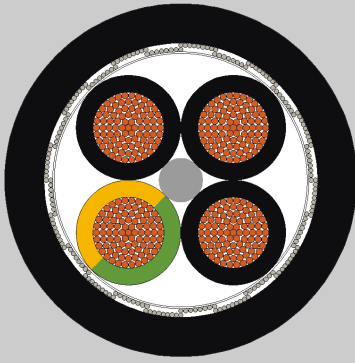


STATIC APPLICATION



VFDRIIVE®

2XSLCY-JB

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
1.5	2.5	10xØ (occ. flexing)	4.0xØ
4.0	16.0	15xØ (occ. flexing)	4.0xØ
25.0	240.0	20xØ (occ. flexing)	4.0xØ

DESCRIPTION

UL/CSA certified cables for connection between the motor and frequency converter for applications involving static or occasional free movement, with medium mechanical stress in dry, damp, and wet environments, both indoor and outdoor. The configuration is designed to allow corrected control of the motor by the inverter, reducing electromagnetic disturbances thanks to the double shielding. These cables are particularly suitable for the paper industry, metal processing, heavy industry, and installations with presses.

APPROVALS



AWM STYLE 21179 90°C
1000V
File E244280



AWM I/II A/B 90°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION
+5°C / +70°C
STORAGE
-5°C / +70°C
STATIC
-40°C / +90°C
OCCASIONAL FLEXING
-15°C / +90°C



NOMINAL VOLTAGE
U₀/U 600/1000V (IEC)
1000V (UL/CSA AWM)



TEST VOLTAGE
4000V
TEST VOLTAGE REFERENCE
EN 50395/EN 50396
UL 1581



INSULATION RESISTANCE
>1GΩ/KM @20°C



CURRENT RATING
IEC 60364-5-52
INSTALLATION IN FREE AIR AWAY
FROM WALL/CEILING OR ON A
TRAVERSE

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE (IEC60228) BARE COPPER
	INSULATION	XLPE
	INSULATION COLOUR	UNEL TABLE COLOUR
OVERALL STRANDING	FILLER	CENTRAL FILLER (IF REQUIRED) NOT HYGROSCOPIC
	FILLER	INTERSTITIAL FILLERS NOT HYGROSCOPIC
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT
	SEPARATION LAYER	SHIELDED TAPE MYLAR/ALLUMINIUM
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SHEATH	PVC
	SHEATH COLOUR	MATTE BLACK, RAL: 9005, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
IEC 60332-1-2
CABLE FLAME (UL)
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
EN 50290-2-22 (TM54)
VDE 0819-102 (TM54)
IEC 60811-404



UV PERFORMANCE
ISO 4892-2, METHOD A (COLOUR
CHANGING ALLOWED).
ACC. TO EN 50525-1 CABLES WITH
BLACK SHEATH ARE SUITABLE FOR
PERMANENT OUTDOOR USE



WATER PERFORMANCE
SUITABLE FOR USE IN DRY, DAMP
AND WET ENVIRONMENTS.



COLD PERFORMANCE
IEC 60811-504

TECO CODE	N° CORES X CROSS- SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	AMPACITY @30°C (A).
61278	(4G1,5)SH (4GAWG16)SH	✓	100	500	8.6	145	23
61279	(4G2,5)SH (4GAWG14)SH	✓		500	10.7	220	32
61280	(4G4)SH (4GAWG12)SH	✓		500	12.4	315	42
61281	(4G6)SH (4GAWG10)SH	✓		500	14	420	54
61282	(4G10)SH (4GAWG08)SH	✓			17.1	660	75
61283	(4G16)SH (4GAWG06)SH	✓			18.9	1000	100
61284	(4G25)SH (4GAWG04)SH	✓			22.5	1360	127
61285	(4G35)SH (4GAWG02)SH	✓			26.3	1890	150
61286	(4G50)SH (4GAWG01)SH	✓			32.6	2680	192
61287	(4G70)SH (4GAWG2/0)SH	✓			36.6	3680	246
61288	(4G95)SH (4GAWG3/0)SH	✓			40.7	4500	280
61289	(4G120)SH (4GAWG4/0)SH	✓			46.5	5890	316
61290	(4G150)SH (4G250KCMIL)SH	✓			50.3	7100	356
61291	(4G185)SH (4G350KCMIL)SH	✓			57.4	8950	393
61292	(4G240)SH (4G450KCMIL)SH	✓			63.8	11270	436

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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