

STATIC APPLICATION

FE PLUS SERVO

APPLICATIVE FEATURES



UP TO 200.000 CYCLES
GUARANTEED CYCLES



2,0 M/S²
ACCELERATION



10,0 M
CABLE LENGTH



100,0 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	16.00	10xØ	5xØ
25.00	35.00	12xØ	5xØ

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



DYNAMIC 0°C +90°C
STATIC -40°C +90°C
OCCASIONAL FLEXING -20°C
+90°C ACC. TO IEC 60811-504



NOMINAL VOLTAGE 1000 V
(UL/CSA) UO/U 0,6/1 KV (VDE)



TEST VOLTAGE 4.0 KV
TEST VOLTAGE REFERENCE EN
50395 (PART 6-7) - UL / 1581



INSULATION RESISTANCE ≥ 1
GOHM/KM

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTING (U/L1/C/L+, V/L2, W/L3/D/L-) + GREEN-YELLOW.
	SEPARATIONLAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % \pm 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	ORANGE , RAL: 2003, DESINA: YES

PRODUCTS FEATURES



FIRE PERFORMANCE

DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1-2, UL CABLE FLAME, UL VW-1, CSA FT1



OIL PERFORMANCE

VDE 0473-811-404; IEC 60811-404 (EU); CEI EN 50363-4-1 (EU); 1581 (UL)



UV PERFORMANCE

CEI EN 50289-4-17, ISO 4892-2, ASTM-D-2565-16



WATER PERFORMANCE

UL 1581 - IEC 60811



HYDROCARBONS PERFORMANCE

UL1581

TECO CODE	OEM REF.	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
46353	SIEMENS 6FX5008-1BB11	(4G1,50)ST (4GAWG16)ST	✓	100	500	8.5	115
46354	SIEMENS 6FX5008-1BB21	(4G2,50)ST (4GAWG14)ST	✓		500	10.3	180
46355	SIEMENS 6FX5008-1BB31	(4G4,00)ST (4GAWG12)ST	✓		500	12	255
46356	SIEMENS 6FX5008-1BB41	(4G6,00)ST (4GAWG10)ST	✓			13.7	370
46357		(4G10,00)ST (4GAWG08)ST	✓			18.5	650
46358		(4G16,00)ST (4GAWG06)ST	✓			22.2	1100
46359		(4G25,00)ST (4GAWG04)ST	✓			26	1550

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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