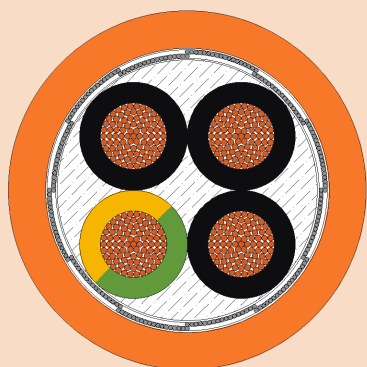


# STATIC APPLICATION

## FE PLUS SERVO



### APPLICATIVE FEATURES



**UP TO 200.000 CYCLES  
GUARANTEED CYCLES**



**2,0 M/S<sup>2</sup>  
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	10.0xØ	5.0xØ
25.00	35.00	12.0xØ	5.0xØ

### APPROVALS



**AWM STYLE 21179  
90°C 1000V**

E244280



**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) U<sub>0</sub>/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.
	SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	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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