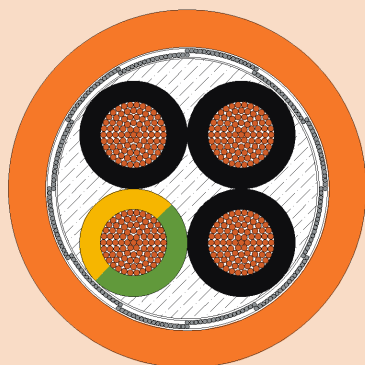


STATIC APPLICATION

SERVOLINK[®]

FE PLUS SERVO



APPLICATIVE FEATURES



**200.000
GUARANTEED CYCLES**



**2,0 M/S²
ACCELERATION**



**10,0 M
CABLE LENGTH**



**100,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	16.00	10.0xØ	5.0xØ
25.00	35.00	12.0xØ	5.0xØ

DESCRIPTION

UL/CSA certified flexible servomotor cables designed for static and dynamic applications between the motor and frequency converter, involving medium mechanical stress in dry, damp, and wet environments. Suitable for indoor and outdoor use. Oil-resistant PVC outer sheath, low-capacity insulation, and shield protection from electromagnetic interference.

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
IEC 60811-504



NOMINAL VOLTAGE
1000 V (UL/CSA)
U₀/U 0,6/1 KV (VDE)



TEST VOLTAGE
4.0 KV
TEST VOLTAGE REFERENCE
EN 50395-6-7
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 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
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
CEI EN 50363-4-1
UL 1581



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



WATER PERFORMANCE
UL 1581
IEC 60811



HYDROCARBONS PERFORMANCE
UL 1581

TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	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	✓		500	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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