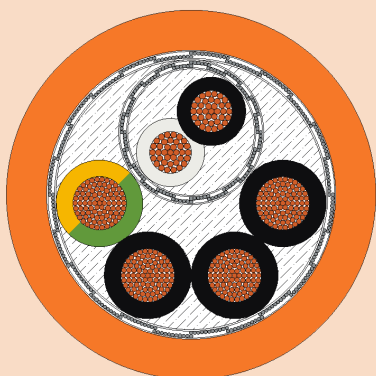


STATIC APPLICATION

FE PLUS SERVO WITH PAIR



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	10.0xØ	5.0xØ
25.00	35.00	12.0xØ	5.0xØ

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) U₀/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
CONTROL PAIR SCREENED (ONE PAIR)	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE AND WHITE CORE.
	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
CONTROL PAIRS SCREENED (TWO PAIR)	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBERS.
	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.
OVERALL STRANDING ONE PAIR	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	ORANGE, RAL: 2003, DESINA: YES
OVERALL STRANDING TWO PAIR	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 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]
46361		[4G1,50+(2X1,00)ST]ST [4GAWG16+(2XAWG18)H2]H2	✓		500	11	200
46362	SIEMENS 6FX5008-1BA11	[4G1,50+(2X1,50)ST]ST [4GAWG16+(2XAWG16)H2]H2	✓		500	11.5	240
46363		[4G2,50+(2X1,00)ST]ST [4GAWG14+(2XAWG18)H2]H2	✓		500	12.5	290
46364	SIEMENS 6FX5008-1BA21	[4G2,50+(2X1,50)ST]ST [4GAWG14+(2XAWG16)H2]H2	✓			13	310
46370		[4G35,00+2X(2X1,50)ST]ST [4GAWG02+2X(2XAWG16)ST]ST	✓			32	1950

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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