

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	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

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 % \pm 5 %
SEPARATIONLAYER	INTERMEDIATE TAPE POLYESTER TRANSPARENT.

CONSTRUCTION FEATURES

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
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

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