

# STATIC APPLICATION

## STYLE 21179

## POWER&CONTROL MULTICORE-ST

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	95.00	occ. flexing 10xø	4.0xø

### 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



INSTALLATION -0°C/+70°C  
STATIC OCCASIONAL FLEXING -  
40°C +90°C (UL); - 40°C +70°C  
(IEC)



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



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



INSULATION RESISTANCE AT  
20°C > 200 MOHM/KM



NOMINAL IMPEDANCE  
N.A.

### CONSTRUCTION FEATURES

#### POWER CONDUCTORS

#### CONDUCTOR

CL5 FLEXIBLE.  
BARE COPPER.

#### INSULATION

PVC COMPOUND.

#### INSULATION COLOR

BLACK CORE WITH WHITE PRINTED NUMBER +  
GREEN YELLOW

#### OVERALL STRANDING

#### FILLER

FILLER  
POLYPROPYLENE

#### SEPARATION LAYER

TAPE  
POLYESTER TRANSPARENT.

#### SCREEN

SCREEN  
TINNED COPPER  
85 % ± 5 %

#### SHEATH

PVC COMPOUND.

#### SHEATH COLOUR

GRAY  
, RAL: 7001, DESINA: NO



### FIRE PERFORMANCE

SELF-EXTINGUISHING AND  
FLAME RETARDANT ACC. TO DIN  
VDE 0482-332-1-2; DIN EN 60332-  
1-2; VW-1(UL); FT1(CSA); IEC 60332-  
1-2(EU)



### OIL PERFORMANCE

VDE 0473-811-404(EU); IEC 60811-  
404(EU); EN 50290-2-22 TM54(EU)  
(CEI 20-34/0-1; 4 H / 70°C, OIL IRM  
902)



### UV PERFORMANCE

ISO 4892-3 / EN 50289-4-17(EU)

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
37451	(2X0,50)ST (2XAWG21)ST	✓	100/200	500	5.6	47	
34163	(2X1,00)ST (2XAWG18)ST	✓	100/200		6.4	65	
34164	(3X1,00)ST (3XAWG18)ST	✓	100/200		6.9	80	BLACK CORE WITH WHITE PRINTED NUMBERS.
39277	(3G1,00)ST (3GAWG18)ST	✓	100	500	6.9	80	
34170	(3G1,50)ST (3GAWG16)ST	✓	100	500	7.5	100	
34829	(3G2,50)ST (3GAWG14)ST	✓	100	500	8.9	155	
39278	(4X0,50)ST (4XAWG21)ST	✓	100/200	500	6.4	67	
34165	(4G1,00)ST (4GAWG18)ST	✓	100	500	7.4	97	
34171	(4G1,50)ST (4GAWG16)ST	✓	100	500	8.2	120	
34176	(4G2,50)ST (4GAWG14)ST	✓	100	500	9.6	180	
34177	(4G4,00)ST (4GAWG12)ST	✓		500	11.3	260	
34178	(4G6,00)ST (4GAWG10)ST	✓		500	13.4	384	
34179	(4G10,00)ST (4GAWG08)ST	✓			17.1	680	
34180	(4G16,00)ST (4GAWG06)ST	✓			19.7	890	
34181	(4G25,00)ST (4GAWG04)ST	✓			25	1500	
34182	(4G35,00)ST (4GAWG02)ST	✓			28.8	2041	
34162	(5G0,50)ST (5GAWG21)ST	✓	100	500	7	80	
34828	(5G6,00)ST (5GAWG10)ST	✓		500	15	470	
39860	(6G1,00)ST (6GAWG18)ST	✓	100	500	8.7	140	
37452	(7G1,00)ST (7GAWG18)ST	✓	100	500	8.7	155	
34172	(7G1,50)ST (7GAWG16)ST	✓		500	9.5	190	
34833	(7G2,50)ST (7GAWG14)ST	✓		500	11.5	280	
34166	(12G1,00)ST (12GAWG18)ST	✓		500	11.2	230	
34173	(12G1,50)ST (12GAWG16)ST	✓		500	12.5	300	
34909	(12G2,5)ST (12GAWG14)ST	✓			15.4	475	
34167	(18G1,00)ST (18GAWG18)ST	✓		500	13.1	320	
34174	(18G1,50)ST (18GAWG16)ST	✓		500	15	450	
34910	(18G2,50)ST (18GAWG14)ST	✓			18.1	690	
34168	(25G1,00)ST (25GAWG18)ST	✓			15.3	440	
34175	(25G1,50)ST (25GAWG16)ST	✓			17.7	595	

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.

Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.