

# STATIC APPLICATION

## STYLE 21179 POWER&CONTROL MULTICORE

### 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



2011/65/UE



1907/2006

### TECHNICAL DATA



INSTALLATION -5°C/+90°C  
STATIC -40°C/+90°C  
OCCASIONAL FLEXING  
-20°C/+90°C (IEC 60811-504)



NOMINAL VOLTAGE 1000 V  
(UL/CSA); U<sub>0</sub>/U<sub>1</sub> 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

### 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

#### TALC

TALC POWDER

#### SHEATH

PVC COMPOUND.

#### SHEATH COLOUR

GRAY  
, RAL: 7001, DESINA: NO

### PRODUCTS FEATURES



#### 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
34273	2XAWG21 2X0,50	✗	100	500	5.2	41	
34241	2XAWG18 2X1,00	✗	100	500	5.8	53	
39856	2XAWG16 2X1,50	✓	100	500	6.5	73	
39857	2XAWG14 2X2,50	✓	100	500	7.6	110	
39879	2XAWG12 2X4,00	✓	100	500	8.8	155	
38160	3GAWG21 3G0,50	✗	100	500	5.4	48	
39276	3XAWG21 3X0,50	✗		500	5.4	48	BLACK CORE WITH WHITE PRINTED NUMBERS.
34242	3GAWG18 3G1,00	✓	100/200	500/1000	6.1	65	
34251	3GAWG16 3G1,50	✓	100	500	6.8	90	
34258	3GAWG14 3G2,50	✓	100	500/1000	8.1	137	
34266	3GAWG12 3G4,00	✓		500	9.4	200	
34269	3GAWG10 3G6,00	✓		500	11.3	290	
38161	4GAWG21 4G0,50	✗	100	500	5.9	55	
34243	4GAWG18 4G1,00	✓	100	500	6.8	80	
34252	4GAWG16 4G1,50	✓	100	500	7.4	110	
34259	4GAWG14 4G2,50	✓	100	500/1000	8.8	170	
34267	4GAWG12 4G4,00	✓		500/100	10.7	250	
34270	4GAWG10 4G6,00	✓		100	12.6	360	
34271	4GAWG08 4G10,00	✓			16	600	
34272	4GAWG06 4G16,00	✓			19	920	
37438	4GAWG04 4G25,00	✓			24	1420	
34274	5GAWG21 5G0,50	✓	100	500	6.5	65	
34244	5GAWG18 5G1,00	✓	100	500/1000	7.4	100	
34253	5GAWG16 5G1,50	✓	100	500	8.2	136	
34260	5GAWG14 5G2,50	✓		500	9.9	210	
34268	5GAWG12 5G4,00	✓		500	11.7	320	
34939	5GAWG10 5G6,00	✓			14	460	
39858	5GAWG06 5G16,00	✓			21.7	1099	
39859	5GAWG04 5G25,00	✓			26.5	1694	
38162	7GAWG21 7G0,50	✓	100	500	6.9	78	
34245	7GAWG18 7G1,00	✓	100	500	8	125	

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
37453	<b>7XAWG18</b> 7X1,00	✓	100	500	8	125	BLACK CORE WITH WHITE PRINTED NUMBERS.
34254	<b>7GAWG16</b> 7G1,50	✓			8.8	170	
34261	<b>7GAWG14</b> 7G2,50	✓		100	10.8	270	
38163	<b>12GAWG21</b> 12G0,50	✓	100	500	8.9	130	
34246	<b>12GAWG18</b> 12G1,00	✓	100	500	10.5	210	
34255	<b>12GAWG16</b> 12G1,50	✓		500	11.8	280	
34262	<b>12GAWG14</b> 12G2,50	✓			14.5	450	
34263	<b>14GAWG14</b> 14G2,50	✓			15.7	530	
38164	<b>18GAWG21</b> 18G0,50	✓		500	10.6	188	
34247	<b>18GAWG18</b> 18G1,00	✓		500/100	12.5	305	
34256	<b>18GAWG16</b> 18G1,50	✓			14	415	
34264	<b>18GAWG14</b> 18G2,50	✓			17.4	660	
38165	<b>25GAWG21</b> 25G0,50	✓		500	12.3	260	
34248	<b>25GAWG18</b> 25G1,00	✓		100	14.6	400	
34257	<b>25GAWG16</b> 25G1,50	✓			16.4	560	
34265	<b>25GAWG14</b> 25G2,50	✓			20.4	890	
37455	<b>25GAWG12</b> 25G4,00	✗			25.2	1428	
34249	<b>34GAWG18</b> 34G1	✓			17.1	560	
34250	<b>41GAWG18</b> 41G1,00	✓			18.4	670	

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.