

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	4xø

APPROVALS



AWM STYLE 21179
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2011/65/UE
2015/863/UE

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); U₀/U₁ 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); UL 1581(UL).



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	7XAWG18 7X1,00	✓	100	500	8	125	BLACK CORE WITH WHITE PRINTED NUMBERS.
34254	7GAWG16 7G1,50	✓			8.8	170	
34261	7GAWG14 7G2,50	✓		100	10.8	270	
38163	12GAWG21 12G0,50	✓	100	500	8.9	130	
34246	12GAWG18 12G1,00	✓	100	500	10.5	210	
34255	12GAWG16 12G1,50	✓		500	11.8	280	
34262	12GAWG14 12G2,50	✓			14.5	450	
34263	14GAWG14 14G2,50	✓			15.7	530	
38164	18GAWG21 18G0,50	✓		500	10.6	188	
34247	18GAWG18 18G1,00	✓		500/100	12.5	305	
34256	18GAWG16 18G1,50	✓			14	415	
34264	18GAWG14 18G2,50	✓			17.4	660	
38165	25GAWG21 25G0,50	✓		500	12.3	260	
34248	25GAWG18 25G1,00	✓		100	14.6	400	
34257	25GAWG16 25G1,50	✓			16.4	560	
34265	25GAWG14 25G2,50	✓			20.4	890	
37455	25GAWG12 25G4,00	✗			25.2	1428	
34249	34GAWG18 34G1	✓			17.1	560	
34250	41GAWG18 41G1,00	✓			18.4	670	

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