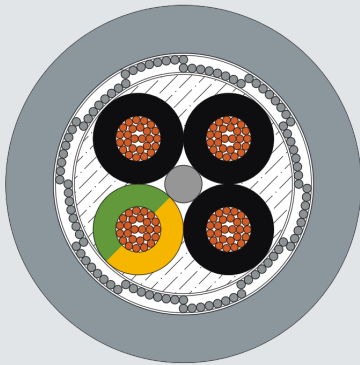


DYNAMIC APPLICATION

PMXX® PLUS POWER&CONTROL MULTICORE-ST



APPLICATIVE FEATURES



UP TO 5 MILLIONS CYCLES
GUARANTEED CYCLES



UP TO 50 M/S²
ACCELERATION



UP TO 20,0 M
CABLE LENGTH



UP TO 300 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.50	16.00	6.0xØ	4.0xØ
25.00	95.00	10.0xØ	4.0xØ

APPROVALS



AWM STYLE 21209
90°C 1000V



AWM I/II A/B 90°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1
EN 50267-1

TECHNICAL DATA



STORAGE
-50°C +80°C
DYNAMIC
-30°C +90°
STATIC
-40°C +90°C



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	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	INSULATION COLOR	BLACK CORE WITH WHITE PRINTED NUMBER + GREEN YELLOW
	SEPARATION LAYER	INNER TAPE POLYESTER TRANSPARENT TAPE OR NON-WOVEN TAPE
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SCREEN	SCREEN TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	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
IEC 60332-1-2
UL CABLE FLAME
UL VW-1
CSA FT1.



OIL PERFORMANCE

VDE 0473-811-404
IEC 60811-404 (EU)
EI EN 50363-10-2 (EU) 1581 (UL)



UV PERFORMANCE

RESISTANT TO UV RADIATION
ACCORDING TO ISO 4892-2
EN 50289-4-17 OR ASTM-D-2565-16



WATER PERFORMANCE

UL 1581 - IEC 60811-1-3



COLD PERFORMANCE

EN 60811-1-4



ABRASION PERFORMANCE

ASTM D 4060



MUD PERFORMANCE

NEK 606



MICROBE PERFORMANCE

VDE 0282/10



HOZONE PERFORMANCE

EN 50396 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46282	(2X0,75)ST (2XAWG19)ST	✗	100	500	6.3	58	
46281	(4G0,50)ST (4GAWG21)ST	✓		500	6.7	70	
46734	(4G0,75)ST (4GAWG19)ST	✓	100	500	7.2	80	
46266	(5G0,75)ST (5GAWG19)ST	✓	100	500	7.8	100	
46267	(5G1,00)ST (5GAWG18)ST	✓	100	500	8.3	120	
46268	(5G1,50)ST (5GAWG16)ST	✓		500	9.8	165	
46269	(5G2,50)ST (5GAWG14)ST	✓		500	11.2	235	
46270	(7G0,75)ST (7GAWG19)ST	✓		500	9.2	130	
46271	(7G1,00)ST (7GAWG18)ST	✓		500	9.8	160	
46272	(7G1,50)ST (7GAWG16)ST	✓		500	11.5	230	
46273	(7G2,50)ST (7GAWG14)ST	✓			13.5	340	
46274	(12G1,00)ST (12GAWG18)ST	✓		500	11.8	230	
46275	(12G1,50)ST (12GAWG16)ST	✓			13.8	320	
46276	(12G2,50)ST (12GAWG14)ST	✓			16	495	
46277	(18G1,00)ST (18GAWG18)ST	✓			13.4	315	
46278	(18G1,50)ST (18GAWG16)ST	✓			16.3	480	
46279	(25G1,00)ST (25GAWG18)ST	✓			16	460	

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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