

DYNAMIC APPLICATION

PMXX® PLUS SIGNAL-ST

APPLICATIVE FEATURES



UP TO 5 MILION CYCLES
GUARANTEED CYCLES



30,0 M/S²
ACCELERATION



15,0 M
CABLE LENGTH



300,0 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS
SECTION

CROSS SECTION
MAX

DYNAMIC
INSTALLATION

STATIC
INSTALLATION

0,14

1.00

6xØ

4xØ

APPROVALS



AWM STYLE 21209
90°C 300V

E244280



AWM I/II A/B 90°C
300V



2014/35/CEE



2014/30/EU



2011/65/UE
2015/863/UE



IEC 60754-1
EN 50267-1

TECHNICAL DATA



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



NOMINAL VOLTAGE 300 V
(UL/CSA) 300 V (VDE)



TEST VOLTAGE 2,0 KV



INSULATION RESISTANCE ≥ 1
GOHM/KM

CONSTRUCTION FEATURES

SIGNAL CONDUCTORS

CONDUCTOR

CL6 EXTRA-FLEXIBLE.
BARE COPPER.

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

COLOURS SEQUENCE REFERS TO
DIN 47100 STANDARD.

OVERALL STRANDING

FILLER

FILLER
POLYPROPYLENE

SEPARATIONLAYER

TAPE
NON-WOVEN TAPE

SCREEN

SCREEN
TINNED COPPER
85 % \pm 5 %

SEPARATIONLAYER

TAPE
NON-WOVEN TAPE

SHEATH

POLYURETHANE COMPOUND
(TPU)

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) CEI EN 50363-10-2 1581 (UL)



UV PERFORMANCE

according to ISO 4892-2, EN 50289-4-17, ASTM-D-2565-16



WATER PERFORMANCE

UL 1581 - IEC 60811-1-3



COLD PERFORMANCE

EN60811-1-4



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]
46661	(2X0,34)ST (2XAWG22)ST	✗	100	500	4.9	35
46674	(2X0,50)ST (2XAWG21)ST	✗	100	500	5.3	45
46662	(3X0,34)ST (3XAWG22)ST	✗	100	500	5.2	40
46678	(4X0,25)ST (4XAWG24)ST	✗	100	500	5.2	42
46663	(4X0,34)ST (4XAWG22)ST	✗	100	500	5.4	45
46664	(5X0,34)ST (5XAWG22)ST	✗	100	500	6	55
46676	(5X0,50)ST (5XAWG21)ST	✓	100	500	6.6	88
46665	(6X0,34)ST (6XAWG22)ST	✗			6.4	65
46667	(8X0,34)ST (8XAWG22)ST	✓	100	500	7.2	78
46677	(8X0,50)ST (8XAWG21)ST	✓	100	500	8.2	105
46679	(12X0,25)ST (12XAWG24)ST	✓	100	500	7.3	80
46668	(12X0,34)ST (12XAWG22)ST	✓	100	500	9	110
46669	(14X0,34)ST (14XAWG22)ST	✓	100	500	8.7	120
46670	(18X0,34)ST (18XAWG22)ST	✓	100	500	9.5	140
46671	(20X0,34)ST (20XAWG22)ST	✓		500	10	160
46672	(25X0,34)ST (25XAWG22)ST	✓		500/100	11.4	205
46673	(36X0,34)ST (36XAWG22)ST	✓		500	12	250

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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