

STATIC APPLICATION

MULTIRATED POWER&CONTROL SINGLE CORE MULTIRATED-UL-CSA-H05V2-K

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

| CROSS SECTION | CROSS SECTION MAX | DYNAMIC INSTALLATION | STATIC INSTALLATION |
|---------------|-------------------|----------------------|---------------------|
| 0.50 | 1.00 | | 6 x Ø |

APPROVALS



LISTED
E471678

MTW 90°C 600V



AWM STYLE 1015
105°C 600V



AWM STYLE 10269
105°C 1000V



CSA TEW 105°C
600V



H05V2-K 300/500V



2014/35/CEE



2011/65/UE



1907/2006



BS TYPE CK (90°C)

TECHNICAL DATA



INSTALLATION +5°C +70°C
STATIC -40°C +105°C(AWM, CSA
TEW); +90°C(MTW,HAR)
OCCASIONAL FLEXING +5°C
+105°C(AWM, CSA TEW);
+90°C(MTW,HAR)



NOMINAL VOLTAGE (UL/CSA
TEW) 600V; (RU) 1000V;
300/500V (HAR)



TEST VOLTAGE 3000V (UL); 2KV
(HAR)
TEST VOLTAGE REFERENCE
ACC. TO EN 50525-1 RESP. EN
50525-2-31

CONSTRUCTION FEATURES

| GROUP 1 | CONDUCTOR | CL5 FLEXIBLE. BARE COPPER. |
|---------|------------------|-------------------------------|
| | INSULATION | PVC COMPOUND. |
| | INSULATION COLOR | VARIOUS COLOURS |

PRODUCTS FEATURES



FIRE PERFORMANCE

DIN VDE 0482-332-1-2, DIN EN
60332-1-2, VW-1(UL), FT1(CSA), IEC
60332-1-2(EU)



OIL PERFORMANCE

OIL RESISTANT I 60 °C RATING (UL
1063)
IEC 60811-404(EU)

| TECO CODE | FORMATION | CUT | ROLLS [M] | DRUMS [M] | EXT Ø [MM] | WEIGHT [KG/KM] | INS. COLOUR EXC |
|-----------|-------------------|-----|-----------|-----------|------------|----------------|----------------------------------|
| 38701 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | YELLOW RAL 1021 - GREEN RAL 6018 |
| 38702 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | BLACK RAL 9005 |
| 38703 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | BLUE RAL 5010 |
| 38704 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | RED RAL 3000 |
| 38705 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | WHITE RAL 9010 |
| 38706 | 1XAWG20 1X0,50 | X | | 1220 | 2.6 | 12 | BROWN RAL 8003 |
| 38707 | 1XAWG20 1X0,50 | X | | 1220 | 2.6 | 12 | YELLOW RAL 1021 |
| 38708 | 1XAWG20 1X0,50 | X | | 1220 | 2.6 | 12 | GRAY RAL 7001 |
| 38709 | 1XAWG20 1X0,50 | X | | 1220 | 2.6 | 12 | GREEN RAL 6018 |
| 38710 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | ORANGE RAL 2003 |
| 38712 | 1XAWG20 1X0,50 | X | 100 | 1220 | 2.6 | 12 | WHITE RAL 9010 - BLUE RAL 5015 |
| 39257 | 1XAWG20 1X0,50 | X | | 1220 | 2.6 | 12 | PALE BLUE RAL 5015 |
| 39300 | 1XAWG20 1X0,50 | X | 100 | | 2.6 | 12 | VIOLET RAL 4005 |
| 38714 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | BLACK RAL 9005 |
| 38715 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | BLUE RAL 5010 |
| 38716 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | RED RAL 3000 |
| 38717 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | WHITE RAL 9010 |
| 38718 | 1XAWG19 1X0,75 | X | | 915 | 2.8 | 15 | BROWN RAL 8003 |
| 38719 | 1XAWG19 1X0,75 | X | | 915 | 2.8 | 15 | YELLOW RAL 1021 |
| 38720 | 1XAWG19 1X0,75 | X | | 915 | 2.8 | 15 | GRAY RAL 7001 |
| 38721 | 1XAWG19 1X0,75 | X | | 915 | 2.8 | 15 | GREEN RAL 6018 |
| 38722 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | ORANGE RAL 2003 |
| 38723 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | WHITE RAL 9010 - BLUE RAL 5015 |
| 38731 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | YELLOW RAL 1021 - GREEN 6018 |
| 39258 | 1XAWG19 1X0,75 | X | 100 | 915 | 2.8 | 15 | PALE BLUE RAL 5015 |
| 37465 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | YELLOW RAL 1021 - GREEN 6018 |
| 37466 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | BLACK RAL 9005 |
| 37467 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | BLUE RAL 5010 |
| 37468 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | RED RAL 3000 |
| 37469 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | WHITE RAL 9010 |
| 37470 | 1XAWG18 1X1,00 | X | 100 | 915 | 2.9 | 18 | BROWN RAL 8003 |

| TECO CODE | FORMATION | CUT | ROLLS [M] | DRUMS [M] | EXT Ø [MM] | WEIGHT [KG/KM] | INS. COLOUR EXC |
|-----------|-------------------|-----|-----------|-----------|------------|----------------|--------------------------------|
| 37471 | 1XAWG18 1X1,00 | × | 100 | 915 | 2.9 | 18 | YELLOW RAL 1021 |
| 37472 | 1XAWG18 1X1,00 | × | 100 | 915 | 2.9 | 18 | GRAY RAL 7001 |
| 37473 | 1XAWG18 1X1,00 | × | 100 | 915 | 2.9 | 18 | GREEN RAL 6018 |
| 37474 | 1XAWG18 1X1,00 | × | 100 | 915 | 2.9 | 18 | ORANGE RAL 2003 |
| 37475 | 1XAWG18 1X1,00 | × | 100 | 915 | 2.9 | 18 | WHITE RAL 9010 - BLUE RAL 5015 |
| 39259 | 1XAWG18 1X1,00 | × | 100 | | 2.9 | 18 | PALE BLUE RAL 5015 |
| 39302 | 1XAWG18 1X1,00 | × | 100 | | 2.9 | 18 | VIOLET RAL 4005 |

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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