

## STATIC APPLICATION

# TECWIRE® MULTIRATED HAR-MTW-TEW

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM <sup>2</sup> )	CROSS SECTION MAX (MM <sup>2</sup> )	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.25	1.00		6.0xØ

### DESCRIPTION

These multi-rated flexible single core cables are UL and CSA approved, primarily designed for control cabinet wiring or installation in protective tubes. They can also be used indoors as fixed lay on bare walls, pipes, ducts, switchgears, or signal and control panels, within the UL-CSA standard specifications.

### APPROVALS



LISTED  
E471678

**MTW 90°C 600V**



E244280

**AWM STYLE 1015  
105°C 600V**



E244280

**AWM STYLE 10269  
105°C 1000V**

**TEW  
274708**

**CSA TEW 105°C 600V**



**2014/35/CEE -05V2-  
K**



**2011/65/UE**



**1907/2006**

**BS**

**BS TYPE CK (90°C)**

### TECHNICAL DATA



#### DURING INSTALLATION

+5 °C +70 °C

#### STATIC

-40 °C +105 °C (AWM, CSA TEW)

+90 °C (MTW, EU)

#### OCCASIONAL FLEXING

+5 °C +105 °C (AWM, CSA TEW)

+90 °C (MTW,EU)



#### NOMINAL VOLTAGE

600 V (UL/CSA TEW)

1000 V (RU)

300/500 V (EU)



#### TEST VOLTAGE

3000 V (UL)

2,0 KV (EU)

\*

#### TEST VOLTAGE REFERENCE

\* EN 50525-1, 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



#### OIL PERFORMANCE



OIL RES I

60 °C UL 1063

EN 50290-2-22

TM54 CEI 20-34/0-1 4 H @ 70 °C OIL

IRM 902

	<b>CROSS SECTION MM<sup>2</sup> (AWG)</b>	<b>0.34 (AWG22)</b>
	<b>BLACK RAL 9005</b>	<b>39835</b>
	<b>BLUE RAL 5010</b>	<b>39836</b>
	<b>RED RAL 3000</b>	<b>39837</b>
	<b>WHITE RAL 9010</b>	<b>39838</b>
	<b>BROWN RAL 8003</b>	<b>39839</b>
	<b>YELLOW RAL 1021</b>	<b>39840</b>
	<b>GRAY RAL 7001</b>	<b>39841</b>
	<b>GREEN RAL 6018</b>	<b>39842</b>
	<b>ORANGE RAL 2003</b>	<b>39843</b>
	<b>PINK RAL 3015</b>	<b>39844</b>
	<b>CROSS SECTION MM<sup>2</sup> (AWG)</b>	<b>0.34 (AWG22)</b>
	<b>CUT</b>	<b>X</b>
	<b>ROLLS (M)</b>	
	<b>DRUMS (M)</b>	1220
	<b>DIAMETER (MM)</b>	2.4
	<b>CABLE WEIGHT (KG/KM)</b>	10

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