



F- A WG-CU-P-\*\*H-M-P

### THW-LS / THHW-LS

|                                     |                                                                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONDUCTORES:</b>                 | Cobre suave, clase B.                                                                                                                                      |
| <b> AISLAMIENTO DE CONDUCTORES:</b> | PVC                                                                                                                                                        |
| <b>CÓDIGO DE COLORES:</b>           | Según normas NMX-J-300 (Tabla 5)                                                                                                                           |
| <b>CINTA REUNIDORA:</b>             | Cinta de poliéster.                                                                                                                                        |
| <b>CUBIERTA EXTERIOR:</b>           | PVC, color negro o especificación del cliente.                                                                                                             |
| <b>VOLTAJE MÁXIMO DE OPERACIÓN:</b> | 600 V                                                                                                                                                      |
| <b>TEMP. MÁXIMA DE OPERACIÓN:</b>   | 75/90°C                                                                                                                                                    |
| <b>CUMPLE:</b>                      | Resistencia a la propagación de incendio NMX-J-093 ANCE<br>Resistencia a la propagación de la flama NMX-J-192 ANCE<br>Baja emisión de humos NMX-J-474 ANCE |
| <b>NORMAS:</b>                      | NOM-063-SCFI, NMX-J-300                                                                                                                                    |
| <b>CERTIFICACIÓN:</b>               | ISO 9001:2008                                                                                                                                              |

| CALIBRE | Número de Conductores ** | Esp. Nominal Cubierta |      | Diámetro Nominal Exterior |      | Radio Mínimo de Curvatura |     | Peso kg / km |
|---------|--------------------------|-----------------------|------|---------------------------|------|---------------------------|-----|--------------|
|         |                          | Pulg.                 | mm   | Pulg.                     | mm   | Pulg.                     | mm  |              |
| 14      | 2                        | 0.045                 | 1.14 | 0.359                     | 9.1  | 2                         | 51  | 102          |
| 14      | 4                        | 0.045                 | 1.14 | 0.414                     | 10.5 | 2 1/4                     | 57  | 168          |
| 14      | 6                        | 0.045                 | 1.14 | 0.492                     | 12.5 | 2 3/4                     | 70  | 248          |
| 14      | 8                        | 0.060                 | 1.52 | 0.603                     | 15.3 | 3 1/2                     | 89  | 365          |
| 14      | 10                       | 0.060                 | 1.52 | 0.655                     | 16.6 | 3 3/4                     | 95  | 422          |
| 14      | 12                       | 0.060                 | 1.52 | 0.675                     | 17.1 | 4                         | 102 | 456          |
| 14      | 14                       | 0.060                 | 1.52 | 0.709                     | 18.0 | 4 1/4                     | 108 | 522          |
| 14      | 16                       | 0.060                 | 1.52 | 0.748                     | 19.0 | 4 1/4                     | 108 | 590          |
| 14      | 18                       | 0.060                 | 1.52 | 0.787                     | 20.0 | 4 1/2                     | 114 | 648          |
| 14      | 20                       | 0.080                 | 2.03 | 0.867                     | 22.0 | 5                         | 127 | 787          |
| 14      | 30                       | 0.080                 | 2.03 | 1.014                     | 25.8 | 6                         | 152 | 1087         |
| 12      | 2                        | 0.045                 | 1.14 | 0.397                     | 10.1 | 2 1/4                     | 57  | 133          |
| 12      | 4                        | 0.045                 | 1.14 | 0.459                     | 11.7 | 2 3/4                     | 70  | 227          |
| 12      | 6                        | 0.060                 | 1.52 | 0.579                     | 14.7 | 3 1/4                     | 83  | 363          |
| 12      | 8                        | 0.060                 | 1.52 | 0.671                     | 17.0 | 4                         | 102 | 491          |
| 12      | 10                       | 0.060                 | 1.52 | 0.731                     | 18.6 | 4 1/4                     | 108 | 569          |
| 12      | 12                       | 0.060                 | 1.52 | 0.753                     | 19.1 | 4 1/2                     | 114 | 626          |
| 12      | 14                       | 0.060                 | 1.52 | 0.793                     | 20.1 | 4 3/4                     | 121 | 719          |
| 12      | 16                       | 0.080                 | 2.03 | 0.877                     | 22.3 | 5 1/4                     | 133 | 868          |
| 12      | 18                       | 0.080                 | 2.03 | 0.922                     | 23.4 | 5 1/2                     | 140 | 953          |
| 12      | 20                       | 0.080                 | 2.03 | 0.968                     | 24.6 | 5 3/4                     | 146 | 1077         |

| CALIBRE | Número de      | Esp. Nominal Cubierta |    | Diámetro Nominal Exterior |    | Radio Mínimo de Curvatura |    | Peso |
|---------|----------------|-----------------------|----|---------------------------|----|---------------------------|----|------|
|         | Conductores ** | Pulg.                 | mm | Pulg.                     | mm | Pulg.                     | mm |      |

|    |    |       |      |       |      |       |     |      |
|----|----|-------|------|-------|------|-------|-----|------|
| 10 | 2  | 0.045 | 1.14 | 0.445 | 11.3 | 2 1/2 | 64  | 179  |
| 10 | 4  | 0.060 | 1.52 | 0.547 | 13.9 | 3 1/4 | 83  | 341  |
| 10 | 6  | 0.060 | 1.52 | 0.651 | 16.5 | 3 3/4 | 95  | 502  |
| 10 | 8  | 0.060 | 1.52 | 0.758 | 19.3 | 4 1/2 | 114 | 683  |
| 10 | 10 | 0.080 | 2.03 | 0.866 | 22.0 | 5     | 127 | 842  |
| 10 | 12 | 0.080 | 2.03 | 0.893 | 22.7 | 5 1/4 | 133 | 937  |
| 10 | 14 | 0.080 | 2.03 | 0.938 | 23.8 | 5 1/2 | 140 | 1075 |
| 10 | 16 | 0.080 | 2.03 | 0.989 | 25.1 | 5 3/4 | 146 | 1218 |
| 10 | 18 | 0.080 | 2.03 | 1.042 | 26.5 | 6 1/4 | 159 | 1342 |
| 10 | 20 | 0.080 | 2.03 | 1.094 | 27.8 | 6 1/2 | 165 | 1517 |

|   |    |       |      |       |      |       |     |      |
|---|----|-------|------|-------|------|-------|-----|------|
| 8 | 2  | 0.060 | 1.52 | 0.595 | 15.1 | 3 1/2 | 89  | 306  |
| 8 | 4  | 0.060 | 1.52 | 0.692 | 17.6 | 4     | 102 | 536  |
| 8 | 6  | 0.080 | 2.03 | 0.871 | 22.1 | 5     | 127 | 855  |
| 8 | 8  | 0.080 | 2.03 | 1.015 | 25.8 | 6     | 152 | 1163 |
| 8 | 10 | 0.080 | 2.03 | 1.107 | 28.1 | 6 1/2 | 165 | 1349 |
| 8 | 12 | 0.080 | 2.03 | 1.142 | 29.0 | 6 3/4 | 171 | 1494 |
| 8 | 14 | 0.080 | 2.03 | 1.203 | 30.6 | 7     | 178 | 1721 |
| 8 | 16 | 0.080 | 2.03 | 1.272 | 32.3 | 7 1/2 | 191 | 1956 |
| 8 | 18 | 0.080 | 2.03 | 1.342 | 34.1 | 8     | 203 | 2158 |
| 8 | 20 | 0.080 | 2.03 | 1.413 | 35.9 | 8 1/4 | 210 | 2452 |

|   |    |       |      |       |      |        |     |      |
|---|----|-------|------|-------|------|--------|-----|------|
| 6 | 2  | 0.060 | 1.52 | 0.731 | 18.6 | 4 1/4  | 108 | 457  |
| 6 | 4  | 0.080 | 2.03 | 0.896 | 22.8 | 5 1/4  | 133 | 878  |
| 6 | 6  | 0.080 | 2.03 | 1.075 | 27.3 | 6 1/4  | 159 | 1313 |
| 6 | 8  | 0.080 | 2.03 | 1.260 | 32.0 | 7 1/2  | 191 | 1803 |
| 6 | 10 | 0.080 | 2.03 | 1.379 | 35.0 | 8 1/4  | 210 | 2098 |
| 6 | 12 | 0.080 | 2.03 | 1.424 | 36.2 | 8 1/2  | 216 | 2323 |
| 6 | 14 | 0.080 | 2.03 | 1.503 | 38.2 | 9      | 229 | 2686 |
| 6 | 16 | 0.080 | 2.03 | 1.592 | 40.4 | 9 1/2  | 241 | 3062 |
| 6 | 18 | 0.110 | 2.79 | 1.743 | 44.3 | 10 1/4 | 260 | 3539 |
| 6 | 20 | 0.110 | 2.79 | 1.834 | 46.6 | 11     | 279 | 4022 |

|   |    |       |      |       |      |       |     |      |
|---|----|-------|------|-------|------|-------|-----|------|
| 4 | 2  | 0.080 | 2.03 | 0.867 | 22.0 | 5     | 127 | 689  |
| 4 | 4  | 0.080 | 2.03 | 1.012 | 25.7 | 6     | 152 | 1012 |
| 4 | 6  | 0.080 | 2.03 | 1.219 | 31.0 | 7 1/4 | 184 | 1855 |
| 4 | 8  | 0.080 | 2.03 | 1.434 | 36.4 | 8 1/2 | 216 | 2552 |
| 4 | 10 | 0.080 | 2.03 | 1.571 | 39.9 | 9 1/4 | 235 | 2966 |
| 4 | 12 | 0.080 | 2.03 | 1.623 | 41.2 | 9 1/2 | 241 | 3335 |

| CALIBRE | Número de Conductores ** |  | Esp. Nominal Cubierta |      | Diámetro Nominal Exterior |      | Radio Mínimo de Curvatura |     | Peso<br>kg / km |
|---------|--------------------------|--|-----------------------|------|---------------------------|------|---------------------------|-----|-----------------|
|         |                          |  | Pulg.                 | mm   | Pulg.                     | mm   | Pulg.                     | mm  |                 |
| 2       | 2                        |  | 0.080                 | 2.03 | 0.988                     | 25.1 | 5 3/4                     | 146 | 968             |
| 2       | 4                        |  | 0.080                 | 2.03 | 1.157                     | 29.4 | 6 3/4                     | 171 | 1772            |
| 2       | 6                        |  | 0.080                 | 2.03 | 1.400                     | 35.6 | 8 1/4                     | 210 | 2682            |
| 1/0     | 2                        |  | 0.080                 | 2.03 | 1.229                     | 31.2 | 7 1/4                     | 184 | 1481            |
| 1/0     | 3                        |  | 0.080                 | 2.03 | 1.309                     | 33.2 | 7 3/4                     | 197 | 2098            |
| 1/0     | 4                        |  | 0.080                 | 2.03 | 1.448                     | 36.8 | 8 1/2                     | 216 | 2766            |
| 2/0     | 2                        |  | 0.080                 | 2.03 | 1.321                     | 33.6 | 7 3/4                     | 197 | 1780            |
| 2/0     | 3                        |  | 0.080                 | 2.03 | 1.408                     | 35.8 | 8 1/4                     | 210 | 2536            |
| 2/0     | 4                        |  | 0.110                 | 2.79 | 1.558                     | 39.6 | 9 1/4                     | 235 | 3351            |
| 3/0     | 2                        |  | 0.080                 | 2.03 | 1.424                     | 36.2 | 8 1/2                     | 216 | 2150            |
| 3/0     | 3                        |  | 0.080                 | 2.03 | 1.518                     | 38.6 | 9                         | 229 | 3081            |
| 3/0     | 4                        |  | 0.110                 | 2.79 | 1.742                     | 44.2 | 10 1/4                    | 260 | 4238            |
| 4/0     | 2                        |  | 0.080                 | 2.03 | 1.539                     | 39.1 | 9                         | 229 | 2610            |
| 4/0     | 3                        |  | 0.080                 | 2.03 | 1.643                     | 41.7 | 9 3/4                     | 248 | 3758            |
| 4/0     | 4                        |  | 0.110                 | 2.79 | 1.881                     | 47.8 | 11 1/4                    | 286 | 5158            |

Las dimensiones y pesos son aproximados y estan sujetos a tolerancias de manufactura.  
Largos especiales a solicitud del cliente.

IDENTIFICACIÓN  
THW-LS/THHW-LS \*\* ( AWG) 600V 75/90°C RPI AÑO

