



## HEAT-SHRINKABLE TERMINATIONS APKT FOR POLYMERIC AND MIND PAPER INSULATED CABLES FROM 7.2 kV UP TO 40.5 kV

### KEY FEATURES

- Applications for polymeric and MIND paper on 1-core, 3-core, armored and unarmored cables
- Red non-tracking HVOT tubing provides excellent environmental protection
- No penciling of insulation required, reducing installation time.
- Enhanced range-taking ability, reducing stocking requirements.
- Low viscosity void filler creates a smooth profile.
- Unlimited shelf life
- Unsurpassed performance in polluted environments
- Tested in accordance to GB/T 12706.4

TE Connectivity's (TE) Raychem terminations have become identified with reliability because of their unparalleled long-term performance where it really counts in the field. Over the last three decades, engineers in utilities and industry around the world have specified millions of Raychem cable terminations at distribution voltages up to 40.5 kV.

Today there are many changes influencing the distribution of power at medium voltages. For example, the transition to new types of polymeric cable, distribution at higher voltages, and the widespread usage of compact switchgear.

Anticipating these industry changes, we have continued to extend and improve the product range, based on the extensive experience both in the field and at our outdoor test sites in polluted and desert environments. Now these developments are incorporated in a new generation of Raychem heat-shrinkable cable terminations, that are even easier to select and install, without compromising the reliability of proven materials technology.

The improved system is simple to use, because the basic termination components and installation steps are the same even if your network operates with voltages of 7.2 to 40.5 kV; if you use 12 kV belted paper cable and 24 kV water-blocked single core polymeric cable; whether you make equipment connections in a cable box or in compact switchgear.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Heat-Shrinkable Termination APKT



| PRODUCT SELECTION INFORMATION       |                                  |              |                      |
|-------------------------------------|----------------------------------|--------------|----------------------|
| Description                         | Cross Section (mm <sup>2</sup> ) | Installation | Notes                |
| <b>3.6/6(7.2) kV, Single-core</b>   |                                  |              |                      |
| APKT-07A1XI                         | 25 - 50                          | INDOOR       |                      |
| APKT-07B1XI                         | 70 - 120                         |              |                      |
| APKT-07C1XI                         | 150 - 240                        |              |                      |
| APKT-07D1XI                         | 300 - 500                        |              |                      |
| APKT-07E1XI                         | 630 - 1000                       |              |                      |
| APKT-07C1XO                         | 150 - 240                        | OUTDOOR      |                      |
| APKT-07D1XO                         | 300 - 500                        |              |                      |
| APKT-07E1XO                         | 630 - 1000                       |              |                      |
| <b>3.6/6(7.2) kV, Three-core</b>    |                                  |              |                      |
| APKT-07A3XI-H1                      | 16 - 50                          | INDOOR       | Tail Length: 450 mm  |
| APKT-07A3XI-H2                      | 16 - 50                          |              | Tail Length: 650 mm  |
| APKT-07A3XI-H3                      | 16 - 50                          |              | Tail Length: 800 mm  |
| APKT-07B3XI-H1                      | 70 - 120                         |              | Tail Length: 450 mm  |
| APKT-07B3XI-H2                      | 70 - 120                         |              | Tail Length: 650 mm  |
| APKT-07B3XI-H3                      | 70 - 120                         |              | Tail Length: 800 mm  |
| APKT-07C3XI-H1                      | 150 - 240                        |              | Tail Length: 450 mm  |
| APKT-07C3XI-H2                      | 150 - 240                        |              | Tail Length: 650 mm  |
| APKT-07C3XI-H3                      | 150 - 240                        |              | Tail Length: 800 mm  |
| APKT-07C3XI-H4                      | 150 - 240                        |              | Tail Length: 1200 mm |
| APKT-07D3XI-H1                      | 300 - 500                        | OUTDOOR      | Tail Length: 450 mm  |
| APKT-07A3XO-H2                      | 16 - 50                          |              | Tail Length: 650 mm  |
| APKT-07B3XO-H2                      | 70 - 120                         |              | Tail Length: 650 mm  |
| APKT-07C3XO-H2                      | 150 - 240                        |              | Tail Length: 650 mm  |
| APKT-07C3XO-H3                      | 150 - 240                        |              | Tail Length: 800 mm  |
| <b>8.7/15(17.5) kV, Single-core</b> |                                  |              |                      |
| APKT-10B1XI                         | 35 - 70                          | INDOOR       |                      |
| APKT-10C1XI                         | 95 - 240                         |              |                      |
| APKT-10D1XI                         | 300 - 400                        |              |                      |
| APKT-10E1XI                         | 500 - 800                        |              |                      |
| APKT-10F1XI                         | 1000                             | OUTDOOR      |                      |
| APKT-10B1XO                         | 35 - 70                          |              |                      |
| APKT-10C1XO                         | 95 - 240                         |              |                      |
| APKT-10D1XO                         | 300 - 400                        |              |                      |
| APKT-10E1XO                         | 500 - 800                        |              |                      |
| APKT-10F1XO                         | 1000                             |              |                      |
| <b>8.7/15(17.5) kV, Three-core</b>  |                                  |              |                      |
| APKT-101-2570L                      | 25 - 70                          | INDOOR       | Tail Length: 800 mm  |
| APKT-101-9524L                      | 95 - 240                         |              | Tail Length: 800 mm  |
| APKT-101-3040L                      | 300 - 400                        |              | Tail Length: 800 mm  |
| APKT-100-2570L                      | 25 - 70                          | OUTDOOR      | Tail Length: 1200 mm |
| APKT-100-9524L                      | 95 - 240                         |              | Tail Length: 1200 mm |
| APKT-100-3040L                      | 300 - 400                        |              | Tail Length: 1200 mm |
| <b>12/20(24) kV, Three-core</b>     |                                  |              |                      |
| APKT-24C3XI(L)                      | 70 - 120                         | INDOOR       | Long Type            |
| APKT-24D3XI(L)                      | 150 - 300                        |              | Long Type            |
| APKT-24E3XI(L)                      | 400 - 500                        |              | Long Type            |
| APKT-24C3XO(L)                      | 70 - 120                         | OUTDOOR      | Long Type            |
| APKT-24D3XO(L)                      | 150 - 300                        |              | Long Type            |
| APKT-24E3XO(L)                      | 400 - 500                        |              | Long Type            |

| PRODUCT SELECTION INFORMATION cont. |                                  |              |           |
|-------------------------------------|----------------------------------|--------------|-----------|
| Description                         | Cross Section (mm <sup>2</sup> ) | Installation | Notes     |
| <b>26/35(40.5) kV, Single-core</b>  |                                  |              |           |
| APKT-35C1XI                         | 50 - 95                          | INDOOR       |           |
| APKT-35D1XI                         | 120 - 185                        |              |           |
| APKT-35E1XI                         | 240 - 500                        |              |           |
| APKT-35F1XI                         | 630 - 1000                       | OUTDOOR      |           |
| APKT-35C1XO                         | 50 - 95                          |              |           |
| APKT-35D1XO                         | 120 - 185                        |              |           |
| APKT-35E1XO                         | 240 - 500                        |              |           |
| APKT-35F1XO                         | 630 - 1000                       |              |           |
| <b>26/35(40.5) kV, Three-core</b>   |                                  |              |           |
| APKT-35C3XI-(L)                     | 50 - 95                          | INDOOR       | Long Type |
| APKT-35D3XI-(L)                     | 120 - 185                        |              | Long Type |
| APKT-35E3XI-(L)                     | 240 - 500                        |              | Long Type |
| APKT-35C3XO-(L)                     | 50 - 95                          | OUTDOOR      | Long Type |
| APKT-35D3XO-(L)                     | 120 - 185                        |              | Long Type |
| APKT-35E3XO-(L)                     | 240 - 500                        |              | Long Type |

\* For other applications and more details, please contact your local TE Energy sales representative.

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