

RPMT-(12-36)-X1

Push On Cable Terminations for 1 core cables from 12kV to 36kV

REPL range of Push On Terminations are suitable for installations on medium voltage cables with polymeric insulation up to 36kV.

The termination body has an integrated capacitive stress control system, with an outer layer of highly track resistant silicone rubber.

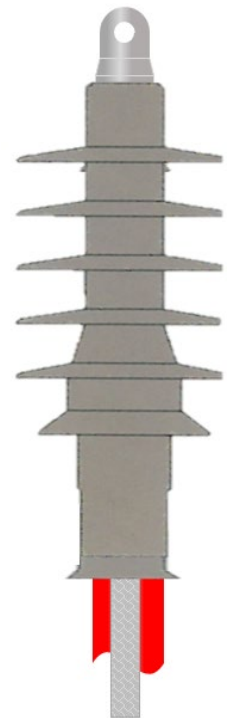
The termination also includes a silicon rubber lug sealing tube and core protection and for single core versions, an earthing connection sealing tube to seal the top and bottom of the completed termination.

Three core versions include core protection tubes and a cold shrink breakout for cable crutch sealing.

The moulded bodies are available in low profile sheds for indoor, and larger diameter moulded integrated shed versions for use in outdoor environments.

Installation is quick and easy by sliding the tubes over the core using grease as a lubricant.

The kits can be used with compression or mechanical type cable lugs.



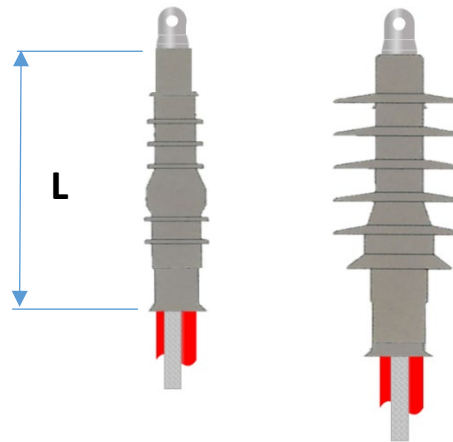
Features:

- Conforms to **CENELEC HD 629.1.S2 & IEC 60502-4**
- Quick and easy installation using no heat source or tools
- One piece termination body with integrated capacitive stress control
- Silicon Rubber material for excellent electrical insulation and weathering properties
- Can be combined with gland or earth kit for armoured cables
- Unlimited shelf life when stored correctly

Technical Details for RPMT Push On Cable Termination System

Voltage Class:	7.2kV	12kV	17.5kV	24kV	36kV
Cross Section Range (mm ²)	25 - 630	25 - 1000	35 - 1000	35 - 1000	50 - 1000
Cable Insulation Diameter (mm)	13 - 36	15 - 46	17 - 48	18 - 50	24 - 55
Voltage Rating U ₀ /U (U _m) kV	3.8/6.6 (7.2)	6.35/11 (12)	8.7/15 (17.5)	12.7/22 (24)	19/33 (36)
Basic Impulse Level (BIL) kV	60	95	95	125	194
Partial Discharge at 1.73U ₀ (pC)	<10	<10	<10	<10	<10
AC Voltage Withstand , 1 min (kV)	>15	>25.5	>35	>51	>76
AC Voltage Withstand , 5 min (kV)	>17	>28.5	>39	>57	>85.5
DC Voltage Withstand , 15min (kV)	>23	>38	>52	>76	>114

RPMT-(12-36)-X1



Conductor Cross Section (mm ²)	Product Code Single Core INDOOR Termination	Tail length L mm	Product Code Single Core OUTDOOR Termination	Tail length L mm
Push on Termination for Polymeric Insulated single core cables rated at Um= 12kV				
25 - 70	RPMTI-12X 25-70-1	320	RPMTO-12X 25-70-1	370
95 - 150	RPMTI-12X 95-150-1	320	RPMTO-12X 95-150-1	370
185 - 300	RPMTI-12X 185-300-1	320	RPMTO-12X 185-300-1	370
400 - 500	RPMTI-12X 400-500-1	320	RPMTO-12X 400-500-1	370
Push on Termination for Polymeric Insulated single core cables rated at Um= 17.5kV				
35 - 70	RPMTI-17X 35-70-1	320	RPMTO-17X 35-70-1	370
95 - 150	RPMTI-17X 95-150-1	320	RPMTO-17X 95-150-1	370
185 - 300	RPMTI-17X 185-300-1	320	RPMTO-17X 185-300-1	370
400 - 500	RPMTI-17X 400-500-1	320	RPMTO-17X 400-500-1	370
Push on Termination for Polymeric Insulated single core cables rated at Um= 24kV				
25 - 70	RPMTI-24X 35-70-1	370	RPMTO-24X 35-70-1	450
95 - 150	RPMTI-24X 95-150-1	370	RPMTO-24X 95-150-1	450
150 - 240	RPMTI-24X 185-300-1	370	RPMTO-24X 185-300-1	450
300 - 400	RPMTI-24X 400-500-1	370	RPMTO-24X 400-500-1	450
500 - 630	RPMTI-24X 500-630-1	370	RPMTO-24X 500-630-1	450
Push on Termination for Polymeric Insulated single core cables rated at Um= 36kV				
25 - 70	RPMTI-36X 25-70-1	380	RPMTO-36X 25-70-1	500
95 - 150	RPMTI-36 95-150-1	380	RPMTO-36 95-150-1	500
150 - 240	RPMTI-36X 185-300-1	380	RPMTO-36X 185-300-1	500
300 - 400	RPMTI-36X 400-500-1	380	RPMTO-36X 400-500-1	500
500 - 630	RPMTI-36X 500-630-1	380	RPMTO-36X 500-630-1	500

REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.

©REPL 2019