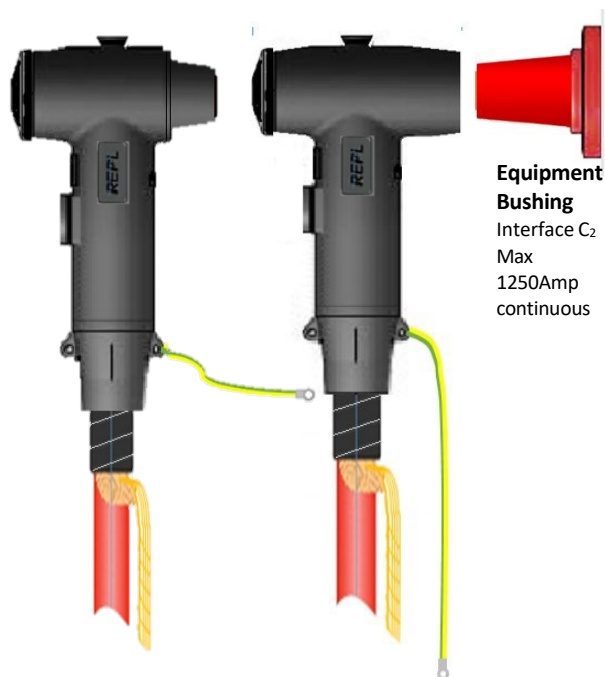


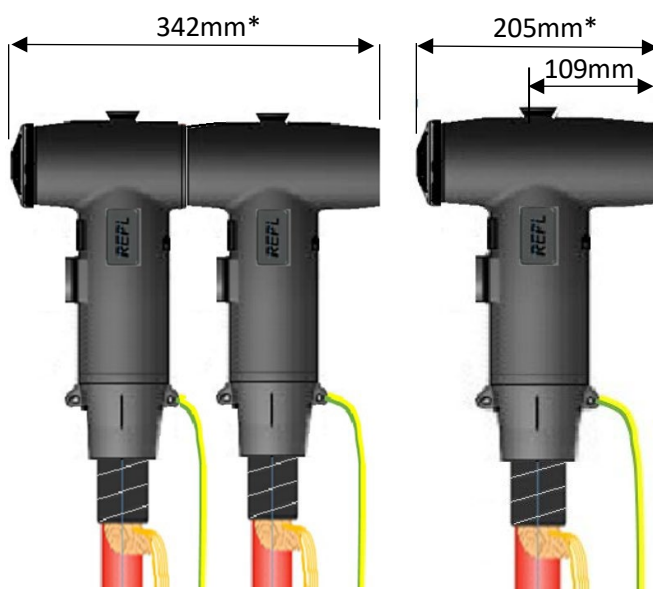
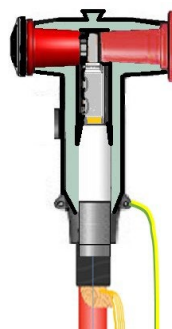
RPCT-42A / RPBCT-42A

- Continuous current 1250 A (when installed on appropriate bushing).
- Conforms to **HD 629.1** and **IEC60502-4**
- No minimum phase clearance requirements
- Compact design – asymmetrical body allows minimum depth of connection – especially when multiple connections are used
- Mounting can be vertical, horizontal, or any angle in between
- Suitable for Copper or Aluminium Conductors from 35-1000mm²
- Integrated mechanical screw type lug
- EPDM moulded body with semi-conductive outer layer
- Easy to install with comprehensive instructions included in each kit
- Each connector body is factory tested for partial discharge and AC withstand to ensure 100% reliability
- Using the branch connector **RPBCT-42A** enables a further connection to be made onto the bushing.



Kit Contents:

- Set of 3 EPDM moulded bodies & insulating back plugs
- Set of Silicon Stress Control Elements
- Set of 3 Mechanical Lug & Connecting Studs / Screw Type Lugs & Extension Studs
- Earthing Connections & Mastic Sealants
- Installation materials and instructions



*add 100mm on to the length to allow for disconnection

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RPCT-42A / RPBCT-42A

RPBCT-42A Base Kit

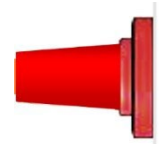
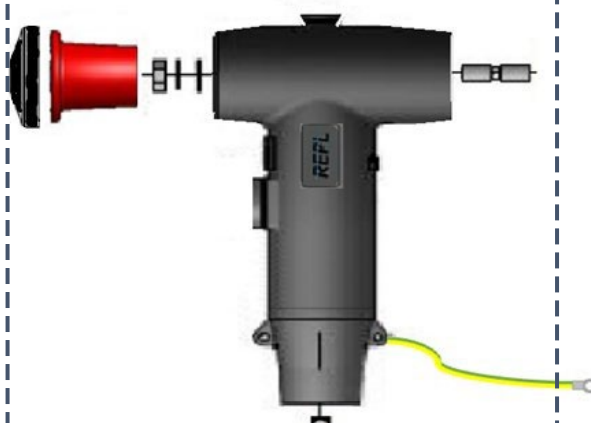
Comprising:

- EPDM branch body
- M16 extension stud
- Earth lead
- Mastics/Tapes
- Sealing tubes

RPCT-42A Base Kit

Comprising:

- EPDM body
- Back-plug assembly
- M16 connection stud
- Earth lead
- Mastics/Tapes
- Sealing tubes



Equipment Bushing
Interface C2
Max 1250Amp
continuous



Cable Insulation Adaptor Selection	
Adaptor Code	Diameter Range of Cable Insulation mm
A	28.2 – 32.3
B	31.1 – 35.7
C	35.0 – 39.1
D	37.2 – 41.6
E	40.1 – 44.8
F	42.9 – 47.9
G	46.5 – 51.9
H	50.0 – 56.0



Cable Lug Selection		
Lug Code	Class 2 Stranded Conductor Range	Class 1 Solid Conductor Range
	Range – mm ²	Range – mm ²
RMVL-C185-400/35	185 - 400	185 - 400
RMVL-C300-630/35	300 - 630	400 - 800
RMVL-C500-800/35	500 - 800	500 - 1000

Kit Selection:

Add appropriate adaptor code to match the cable insulation diameter and lug cross section to end of base kit code, i.e.

RPCT-42-E-300-630 = 42kV compact connector with adaptor E of insulation diameter 40.1 to 44.8mm, and cable lug for cross sections between 300-630mm²

RPBCT-42A-G-500-800 = 42kV compact branch connector with adaptor G of insulation diameter 46.5 to 51.9mm, and cable lug for cross sections of 500-800mm² (stranded)

- For cables with copper tape screen and wire armours, additional material is required – see earthing kits.
- For three core cables, an additional trifurcating module may be required.
- For outdoor installation, additional heat shrink or cold shrink sealing tubes can be fitted below the connector to enhance the moisture seal.

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