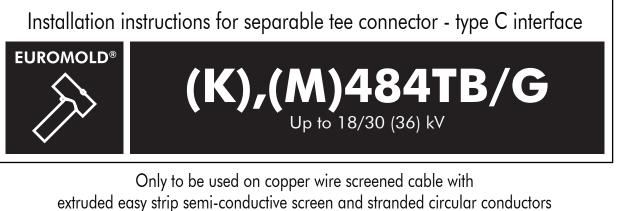
CAUTION : Read instructions thoroughly and completely prior to beginning installation.



of copper or aluminium.

For conductor cross sections 630 mm<sup>2</sup> only

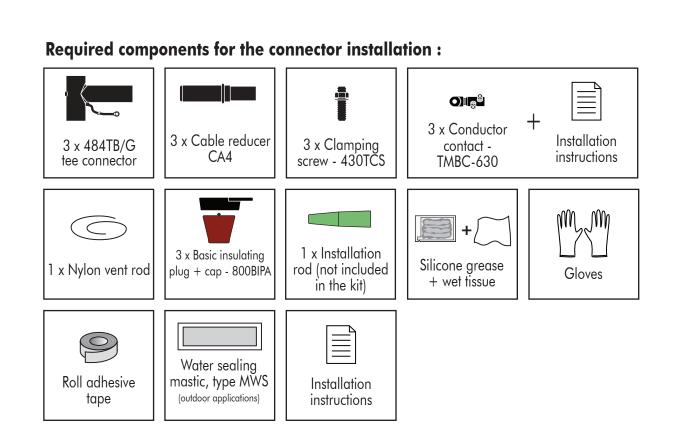


Check if the diameter over cable core insulation is in accordance with the cable reducer range as indicated in table below:

Cable reducer size	Dia. over core insulation (mm)		
(see label on cable reducer)	min	max	
CA4-37	39.0	48.5	



This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices. These instructions do not attempt to provide for every possible contingency. Failure to follow these instructions could result in damage to the product and serious or fatal injury. IMPORTANT : Cable and associated apparatus must be de-energised, locked out, and tagged prior to product installation.



## **Risk assessment :**

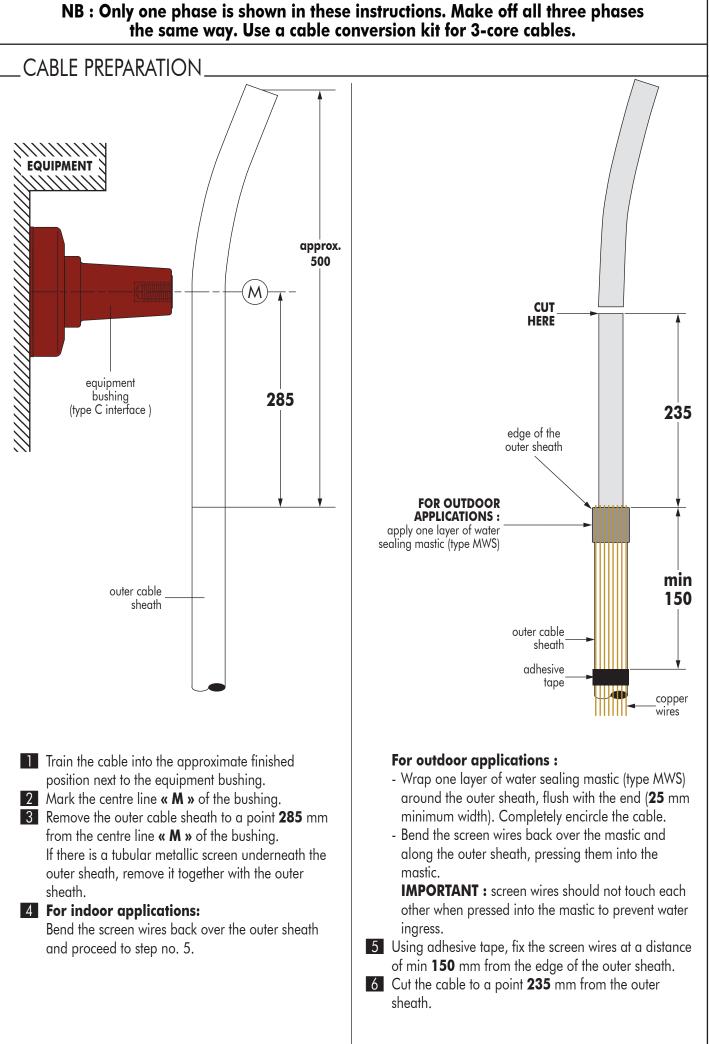
Hazard	Cause	Precaution
Cut fingers or hands	Sharp ends of Cu wire screens. Sharp edges of knives, or blades of cable preparation tools.	Tape ends of Cu wire screens down to the sheath. Use gloves. Take extra care handling sharp items.
Back, arm or wrist strain	Installation of cable adapter.	Ensure you position yourself comfortably over/around the cable adapter when installing to ensure no unnecessary strain.

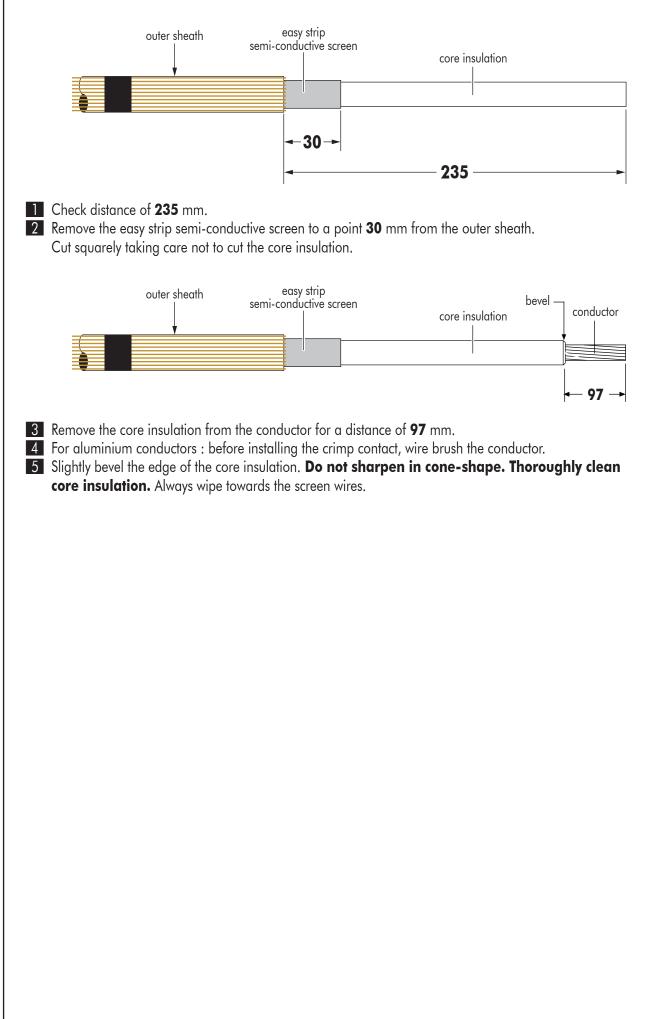
### **Before Starting**

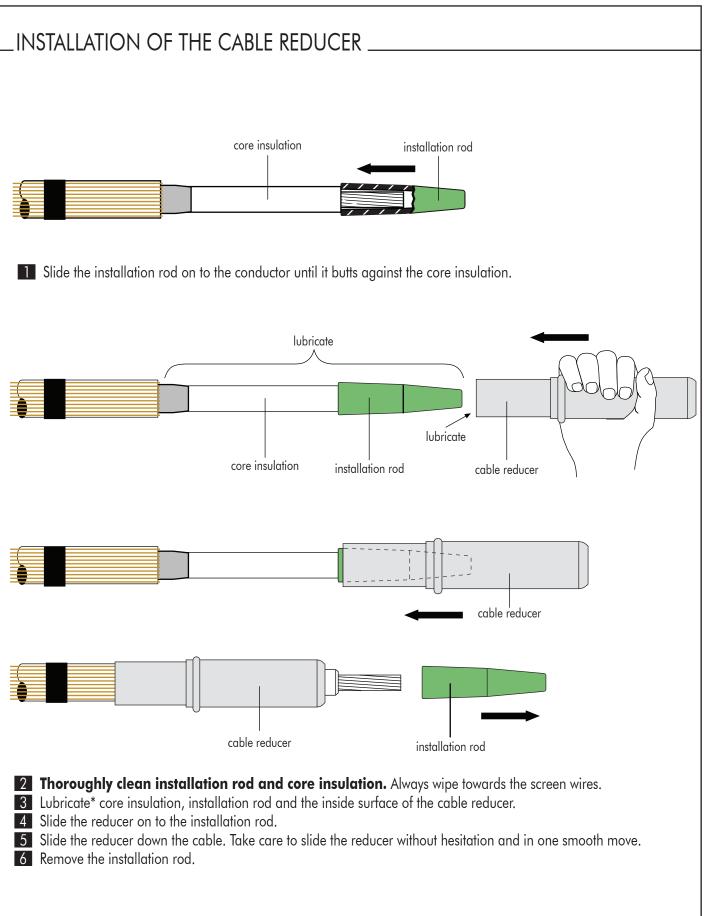
- Ensure the components in the kit are correct for the cable. The cable adapter and cable lug have the ranges on the label.
- Cross check the label on the box with the title of the instruction.
- Some procedures may have changed since you last installed the product. Ensure you read the instruction thoroughly.

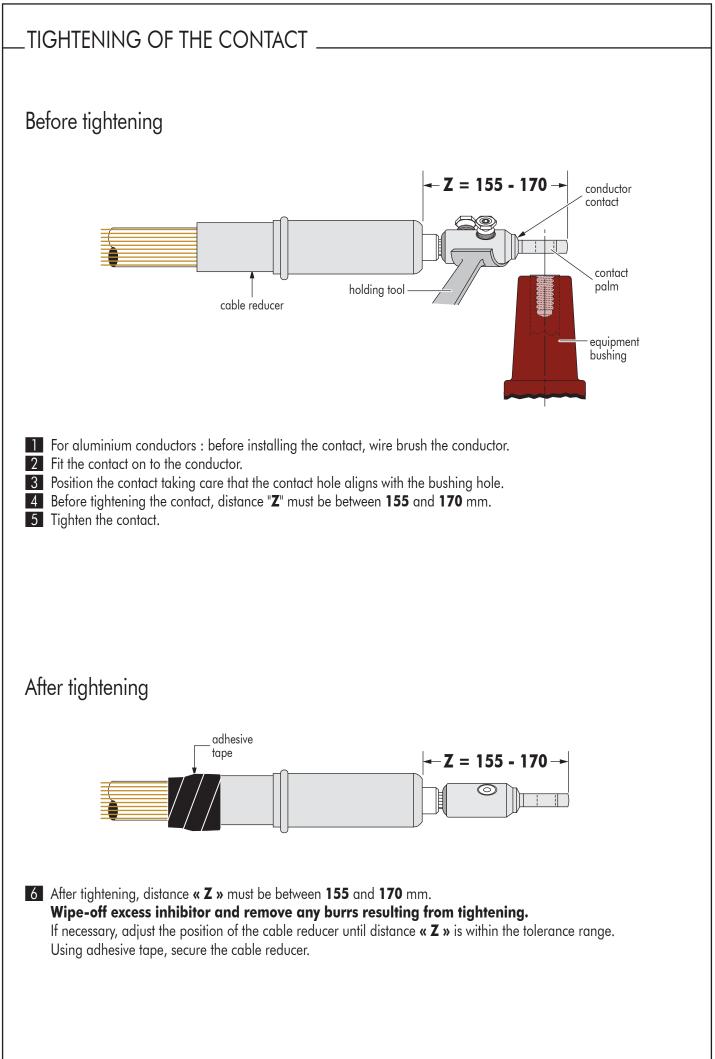
Route km	Screen to earth Minimum values		Core to earth Minimum values	
km	Giga Ohms	Micra Amps	Giga Ohms	Micra Amps
0.25	1	5	4	1.25
0.5	1	5	3	1.66
	Mega Ohms		Mega Ohms	
0.5-1	500	10.0	2000	2.5
2	500	10.0	2000	2.5
3	340	14.7	1332	3.75
4	260	19.2	1000	5.0
5	200	25.0	800	6.25
6	166	30.7	666	7.5
7	142	35.2	572	8.7
8	124	40.3	500	10.0
9	110	45.4	444	11.2
10	100	50.0	400	12.5
11	90	55.5	364	13.7
12	82	60.9	334	14.9
13	76	65.7	308	16.2
14	72	69.4	286	17.4
15	66	75.7	266	18.7
16	62	80.6	250	20.0
17	58	86.2	236	21.1
18	54	92.5	222	22.5
19	52	96.1	210	23.8

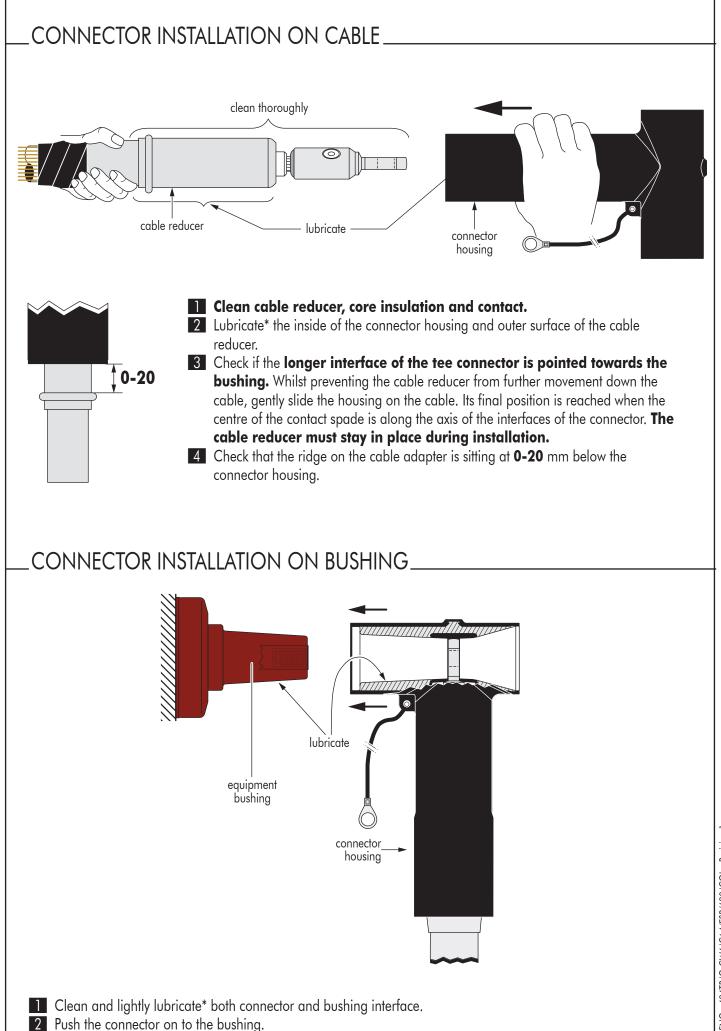
# Sheath test all cables prior to all jointing work. Megger all cables (5 kV).





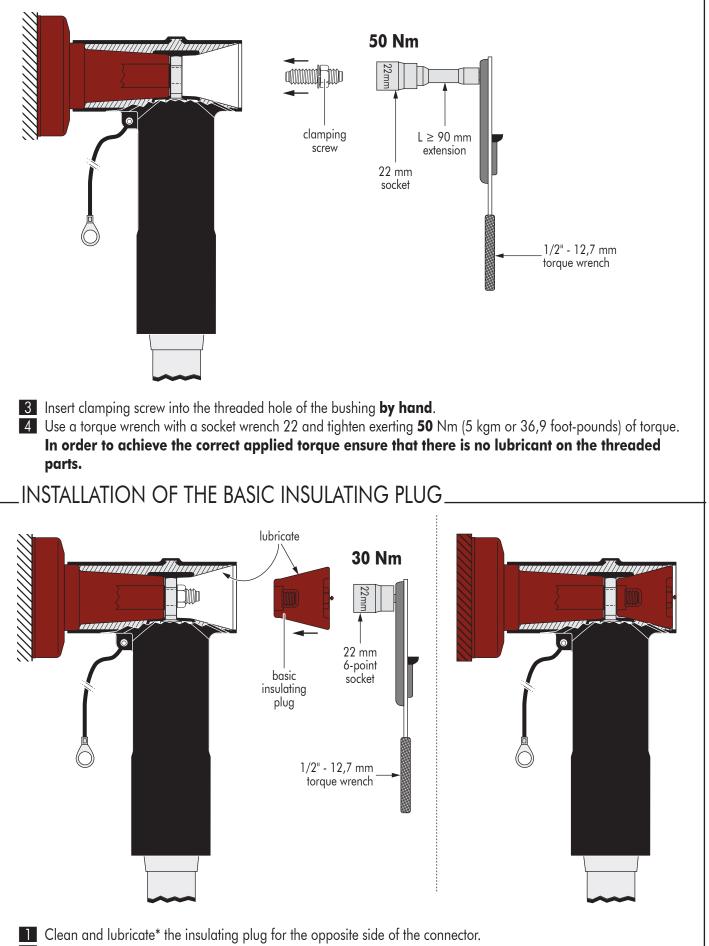






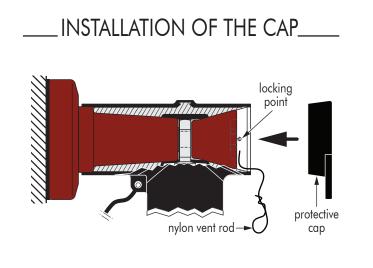
\* USE ONLY THE SILICONE LUBRICANT SUPPLIED

IS97621-ENG - 484TB/G-CW4/CA4/ESB/630/COL - Revision



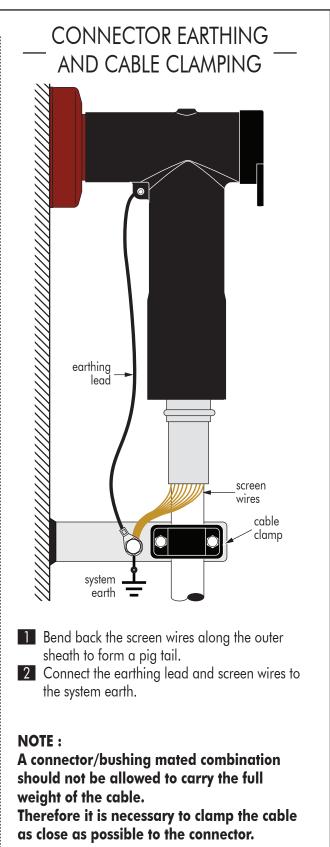
Insert the plug in the connector and tighten assembly : use torque wrench with a 6-point socket of 22 mm and tighten exerting **30** Nm (3 kgm or 22,1 foot-pounds) of torque.

In order to achieve the correct applied torque ensure that there is no lubricant on the threaded parts.



### Installation on insulating plug:

- Clean the inside of the cap and the outside surface of the connector and insulating plug.
- Place the nylon vent rod along the insulating plug (see fig.) to exhaust the air during assembly of the cap.
- Push the cap **firmly** over the connector and onto the insulating plug.
- Press the centre of the cap onto the locking point until it snaps into place. Press the cap on all sides to make sure it is well positioned over the connector. Position the cap with the pulling tab pointing downwards.
- Remove the nylon vent rod.



#### **IMPORTANT NOTES:**

exans

- Never disconnect the connector from energised equipment nor energise a disconnected connector without previously installing on its appropriate corresponding mating part.
- Do not allow hydrocarbon oils or solvents to contaminate the E.P.D.M. rubber.
- In the event of contamination, wipe the surface clean with a dry cloth.

Nexans Network Solutions NV - div. EUROMOLD Zuid III - Industrielaan 12 B-9320 EREMBODEGEM-AALST – BELGIUM Tel: +32 (0)53/85 02 11 – Telefax: +32 (0)53/83 10 13 sales.euromold@nexans.com

**EUROMOLD®**