

## MEDIUM VOLTAGE JOINT – COLD-SHRINK SOLUTION UP TO 36 KV

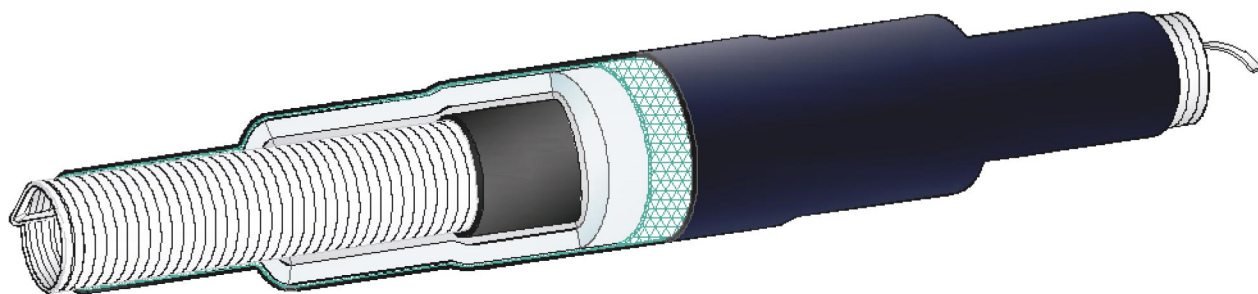
### ***All in one joint with integrated stress control***

Series ECOLD GLS-3689FC is the Elcon Megarad range of pre-expanded cold-shrinkable joints with electrical stress control components integrated in the body.

All the joint body components are pre-assembled at factory on just one carrier tube: Faraday cage, electrical stress control element, insulation, copper mesh, outer protection.

Installation is completed just by pulling the spiral.

**Installations are fast and easy and mistakes risks are reduced.**



For connections of polymeric insulated cables up to 36 kV ( $U_m$ ) with any type of metallic screen.

Suitable for both crimping and mechanical connectors according to the dimensions indicated in the table below.

Storage: up to + 45°C

Compliant with standards HD 629.1 S2

MEDIUM VOLTAGE JOINT – COLD-SHRINK SOLUTION UP TO 36 KV

Selection guide

Designation <sup>(*)</sup>		Minimum cable insulation diameter [mm]	Cable outer sheath diameter [mm]	Maximum connector length [mm]	Maximum connector outer diameter [mm]	Conductor cross section (for guidance only) [mm²]	
Kits with screw connector	Kits without screw connector					12,7/22 (24) kV	19/33 (36) kV
ECOLD GLS - 3689FCR-1	ECOLD GLS - 3689FC-1	19,0	26 - 42	130	35	50 - 240	50 - 120
ECOLD GLS - 3689FCR-2	ECOLD GLS - 3689FC-2	26,0	33 - 48	130	38	--	95 - 240
ECOLD GLS - 3689FCR-3	ECOLD GLS - 3689FC-3	29,0	36 - 54	170	45	240 - 400	240 - 400
ECOLD GLS - 3689FCR-4	ECOLD GLS - 3689FC-4	31,0	40 - 60	250	52	400 - 630	400 - 630

Add: "-A" for Aluminum tube metallic screen, "- W" for Copper wires metallic screen, "- N" for Copper tape metallic screen.

Ex.: ECOLD GLS - 3689FCR-2-A, for a joint with screw connector supplied in the kit, to be installed on a 95-240mm² 36 kV cable with Aluminum tube metallic screen.

Componenti del kit Kit components

Corpo della giunzione *Splice body*

Mastice sigillante *Sealing mastic*

Lubrificante *Lubricant*

Nastro adesivo di rame *Adhesive Copper tape*

Nastro PVC *PVC tape*

Tela abrasiva *Abrasive cloth*

Salviette detergenti e guanti *Cleaning tissue and gloves*

Piastre di terra e fascette metalliche - (solo per cavo con schermo tubolare in alluminio) *Grounding plates and metallic bands - (for Aluminum tube metallic screen only)*

Connettore (opzionale) *Conductor connector (optional)*



Joint outer dimensions on the cable

Conductor cross section [mm²]	Joint overall length on the cable [mm]	Joint outer diameter on the cable [mm]
35 – 630	600 - 800	60 - 80