

MEDIUM VOLTAGE JOINT – COLD SHRINK SOLUTION UP TO 36 KV

ECOLD GLS-3690RC



Series ECOLD GLS-3690RC 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.

- Very short body - the outer protection tube is folded back making the body very compact
- Fast and easy installations – no tapes to apply on cable
- Large cables size range taking – only four body sizes to cover from 25 to 630 mm²
- Suitable for any type of cable metallic screen
- Suitable for any type of conductor connector

Compliant with standards HD 629.1 S3

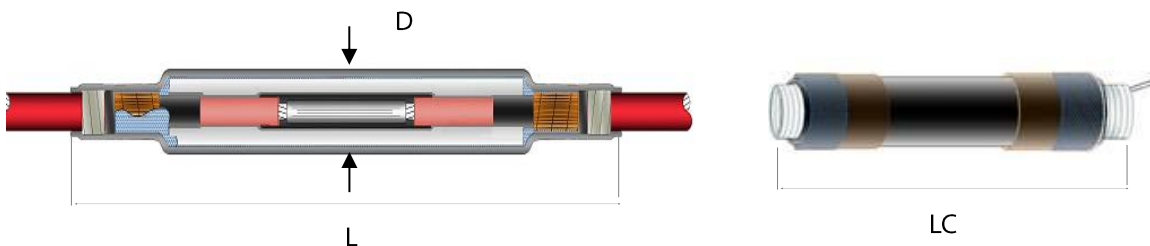
Storage: up to + 45°C

Scope of delivery

Splice body, shear head connector, metallic screens connection components, sealing mastic, accessories.

Additional solution

- Repair joints with additional connection cable
- Three-core straight and transition joints



Cable Cross Section 6.35/11(12) kV	Cable Cross Section 12.7/22(24) kV	Cable Cross Section 19/33(36) kV	L MAX mm	D MAX mm	LC MAX mm
50 – 95	25 – 95	25 – 95	700	65	430
95 – 240	95 – 240	120 – 240	700	70	430
240 – 400	240 – 400	240 – 400	770	75	500
500 – 630	500 – 630	400 – 630	850	85	580

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ECOLD GLS 3690-RCR for 18/30 (36) kV (for single-core cable)

Cable Section Al- Conductor Cu- Conductor mm ²	Cable insulation diameter range mm	Max outer cable diameter mm		Screen type			Earthing size mm ²	Shear bolt connect or	Joint designation
		Wire/ tape screen	Al tube screen	Cu- wire	Cu- tape	Al- tube			
25 – 95	20,5 – 32,0	42		•			25	yes	ECOLD GLS-3690RCR/W 1x25/95
120 – 240	29,0 – 37,2	46		•			25	yes	ECOLD GLS-3690RCR/W 1x120/240
240 – 400	32,5 – 42,0	58		•			35	yes	ECOLD GLS-3690RCR/W 1x240/400
400 – 630	38,0 – 50,0	58		•			35	yes	ECOLD GLS-3690RCR/W 1x400/630
25 – 95	20,5 – 32,0	42	37	•		•	25	yes	ECOLD GLS-3690RCR/WA 1x25/95
120 – 240	29,0 – 37,2	46	43	•		•	25	yes	ECOLD GLS-3690RCR/WA 1x120/240
240 – 400	32,5 – 42,0	58	55	•		•	35	yes	ECOLD GLS-3690RCR/WA 1x240/400
400 – 630	38,0 – 50,0	58	55	•		•	35	yes	ECOLD GLS-3690RCR/WA 1x400/630
25 – 95	20,5 – 32,0	42		•	•		25	yes	ECOLD GLS-3690RCR/WT 1x25/95
120 – 240	29,0 – 37,2	46		•	•		25	yes	ECOLD GLS-3690RCR/WT 1x120/240
240 – 400	32,5 – 42,0	58		•	•		35	yes	ECOLD GLS-3690RCR/WT 1x240/400
400 – 630	38,0 – 50,0	58		•	•		35	yes	ECOLD GLS-3690RCR/WT 1x400/630

ECOLD GLS 2490-RCR for 12.7/22 (24) kV (for single-core cable)

Cable Section Al- Conductor Cu- Conductor mm ²	Cable insulation diameter range mm	Max outer cable diameter mm		Screen type			Earthing size mm ²	Shear bolt connect or	Joint designation
		Wire/ tape screen	Al tube screen	Cu- wire	Cu- tape	Al- tube			
25 – 95	16,0 – 25,0	32		•			25	yes	ECOLD GLS-2490RCR/W 1x25/95
95 – 240	20,5 – 32,0	42		•			25	yes	ECOLD GLS-2490RCR/W 1x95/240
240 – 400	29,0 – 42,0	46		•			35	yes	ECOLD GLS-2490RCR/W 1x240/400
500 – 630	38,0 – 50,0	58		•			35	yes	ECOLD GLS-2490RCR/W 1x500/630
25 – 95	16,0 – 25,0	32	27	•		•	25	yes	ECOLD GLS-2490RCR/WA 1x25/95
95 – 240	20,5 – 32,0	42	37	•		•	25	yes	ECOLD GLS-2490RCR/WA 1x95/240
240 – 400	29,0 – 42,0	46	43	•		•	35	yes	ECOLD GLS-2490RCR/WA 1x240/400
500 – 630	38,0 – 50,0	58	55	•		•	35	yes	ECOLD GLS-2490RCR/WA 1x500/630
25 – 95	16,0 – 25,0	32		•	•		25	yes	ECOLD GLS-2490RCR/WT 1x25/95
95 – 240	20,5 – 32,0	42		•	•		25	yes	ECOLD GLS-2490RCR/WT 1x95/240
240 – 400	29,0 – 42,0	46		•	•		35	yes	ECOLD GLS-2490RCR/WT 1x240/400
500 – 630	38,0 – 50,0	58		•	•		35	yes	ECOLD GLS-2490RCR/WT 1x500/630

power cable accessories

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ECOLD GLS 1290-RCR for 6.35/11 (12) kV (for single-core cable)

Cable Section Al- Conductor Cu- Conductor mm ²	Cable insulation diameter range mm	Max outer cable diameter mm		Screen type			Earthin g size mm ²	Shear bolt connect or	Joint designation
		Wire/ tape screen	Al tube screen	Cu- wire	Cu- tape	Al- tube			
50 – 95	16,3 – 20,3	32		•			25	yes	ECOLD GLS-1290RCR/W 1x50/95
95 – 240	20,3 – 24,8	37		•			25	yes	ECOLD GLS-1290RCR/W 1x95/240
240 – 400	24,8 – 32,2	45		•			35	yes	ECOLD GLS-1290RCR/W 1x240/400
400 – 630	32,2 – 38,9	50		•			35	yes	ECOLD GLS-1290RCR/W 1x400/630
50 – 95	16,3 – 20,3	32	27	•		•	25	yes	ECOLD GLS-1290RCR/WA 1x50/95
95 – 240	20,3 – 24,8	37	34	•		•	25	yes	ECOLD GLS-1290RCR/WA 1x95/240
240 – 400	24,8 – 32,2	45	40	•		•	35	yes	ECOLD GLS-1290RCR/WA 1x240/400
400 – 630	32,2 – 38,9	50	48	•		•	35	yes	ECOLD GLS-1290RCR/WA 1x400/630
50 – 95	16,3 – 20,3	32		•	•		25	yes	ECOLD GLS-1290RCR/WT 1x50/95
120 – 240	20,3 – 24,8	37		•	•		25	yes	ECOLD GLS-1290RCR/WT 1x95/240
240 – 400	24,8 – 32,2	45		•	•		35	yes	ECOLD GLS-1290RCR/WT 1x240/400
400 – 630	32,2 – 38,9	50		•	•		35	yes	ECOLD GLS-1290RCR/WT 1x400/630

Note: for earthing conductor bigger size (95 mm²) please refer to designation code: “ -SC95 “
 Example: <<ECOLD GLS 2490-RCR/W-SC95 1x.....>>

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