

TC-275-IP
 Rev A, Feb 2017
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Unpressurised cable splice protection

Upgraded axial pull elements



Kit content

- Gel filled half shells
- Spring(s)
- Tie wrap(s)
- Strain relief block(s)
- Plastic nuts
- Gliders
- Installation instruction



Application

Protection of paper/lead or plastic cable joints:
 GELSNAP-A-10/5-80 : up to max. 3 pairs
 GELSNAP-B-14/5-130 : up to max. 10 pairs
 GELSNAP-C-18/5-180 : up to max. 30 pairs

Safety rules

Follow locally prescribed safety rules.

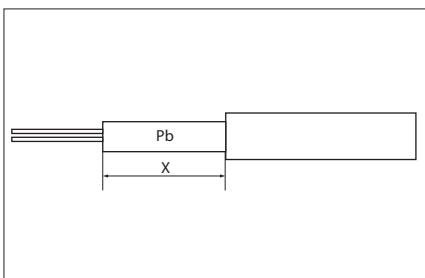
Selection table (dimensions in mm)

Description	Max. cable Ø	Min cable Ø	Max. splice opening	Number butt connectors	Number modular (10P) connectors	Splice type	Branching
Gelsnap-A-10/5-80	10	5	80	6	-	butt	Max. 2 cables
Gelsnap-B-14/5-130	14	5	130	20	1	Butt + inline	Max. 2 cables each end
Gelsnap-C-18/5-180	18	5	180	60	3	Butt + inline	Max. 2 cables each end

Butt connectors types: Telsplice or similar and Picabond.

Modular connectors types: AMPSTACK 10P. or similar

If other connectors or cables than those mentioned in this instruction are used, contact TE Connectivity for more information.



1 Remove cable jacket.

Note: for double jacketed cables, remove secondary jacket (see table).

Gelsnap A: x = 25 mm

Gelsnap B + C: x = 30 mm



2 Splice wires as per local practice.



3 Check if the entries in the half shells are larger than the sum of the diam. of the 2 cables. If needed, the entries can be enlarged by trimming the inlets of both half shells.

Note: the reinforcement rib should not be cut off.



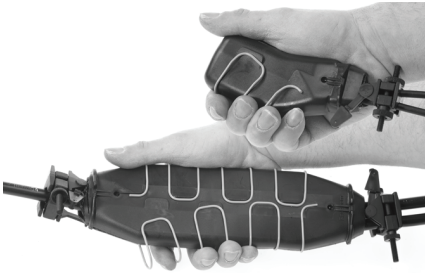
4 Position the non-pivoting strain relief arm(s) in the smaller half shell. Put the splice into the half shell and the cables in the strain relief block(s). Check if the splice is centered in the gel surface.



5 Install the gliders in the strain relief block(s). Mount the nuts and tighten them simultaneously (by hand).

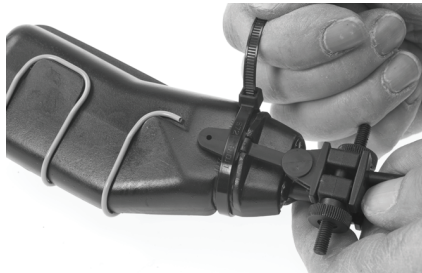


6 Organize the splice by spreading the connectors on the gel surface. Place the bigger half shell on top of the small one.



7 Mount the springs.

Note : make sure all loops of the spring(s) are securely locked.

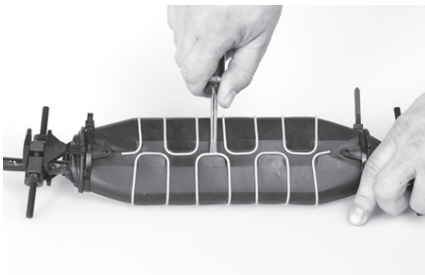


8 Install the top arm(s) of the strain relief block(s) on the bigger half shell. Install the tie wraps (1 tie wrap for size A, 2 for size B and C) at the end(s) of the closure as shown on the picture. Tighten, using a pair of pliers. Cut off the excess.

Note : if needed, support the closure as per local practice.



Re-opening



1 Cut off the tie wrap(s). Remove the springs.



2 Remove the top arms of strain relief block(s). Gently open the closure.



3 Unscrew the plastic nuts and remove the gliders. Take away the smaller half shell and the strain relief block(s) from the cables.

Re-closing: it is recommended to use a new Gelsnap closure.