

APPENDIX 'E'

GELCAP/ GELPORT KITS



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GELCAP-SL-2/0-3HOLE(B10) Product Details

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GELCAP-SL-2/0-3HOLE (B10)

TE Internal Number: F40658-000



Power Cable Splices, Repair Sleeves and End Seals

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Cable Splice
- Splice Type = Stub Splice
- Splice Style = Cap
- GelCap-SL Series
- Motor Connections Application, Street Lights Application

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Cable Splice • Splice Type = Stub Splice • Splice Style = Cap • Series = GelCap-SL • Cable Type = Polymeric • Retention Type = Clamp • Armored Cable = No • Jacketed Cable = With <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Installation Type = Cold Applied <p>Configuration Features:</p> <ul style="list-style-type: none"> • Conductor (Wire) Size = #14 - 2/0 • Cable Shielding = Without 	<p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant <p>Printer/Label Features:</p> <ul style="list-style-type: none"> • Voltage Rating (kV) = 0.6 <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application = Motor Connections, Street Lights <p>Other:</p> <ul style="list-style-type: none"> • Brand = Raychem • Comment = Clear cap to allow visual inspection.; Port B - power port to light - #14-6 AWG; Kits include connectors

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Raychem GelPort

Submersible Secondary Connectors for URD Distribution (1000 V)

KEY FEATURES

- Corrosion resistant
- No loose parts due to one piece housing
- Gel-filled cable entry ports provide a reliable cable seal
- PowerGel sealing gel seals out harsh environments
- Rugged, impact-resistant housing stands up to rough installations
- Clear view back allows for easy positive visual indication of wire position in connector

The GelPort connection system represents a revolutionary product for secondary connectors. Strip the cable and push it into the gel-filled cable port. The cable is encapsulated in gel and instantly sealed. Fast, reliable installation - every time. It's that simple.

PowerGel sealing gel was specifically developed for the electrical power industry. It consists of a chemically cross-linked silicone elastomer with silicone oil. PowerGel sealing gel is hydrophobic and provides an excellent moisture seal over a wide operating temperature range (-40° C to 95° C). It is compatible with solid dielectric cable insulation and connector deoxidizing greases and has excellent insulation properties.



Hybrid 350/500 MCM

Raychem
from TE Connectivity

Product Selection						
Catalog Number	Clear view	Number of wire ports	Conductor use range (mm ²)	Length inches (mm)	Width inches (mm)	Height inches (mm)
GPRT-350-3P	-C	3	14 - 350 (2 - 150)	4.60 (117)	3.825 (97)	3.50 (89)
GPRT-350-4P	-C	4	14 - 350 (2 - 150)	5.85 (149)	3.825 (97)	3.50 (89)
GPRT-350-5P	-C	5	14 - 350 (2 - 150)	7.10 (180)	3.825 (97)	3.50 (89)
GPRT-350-6P	-C	6	14 - 350 (2 - 150)	8.35 (212)	3.825 (97)	3.50 (89)
GPRT-350-8P	-C	8	14 - 350 (2 - 150)	10.85 (276)	3.825 (97)	3.50 (89)
GPRT-350/4P-500/1P	-C	5 Hybrid		7.10 (180)	3.825 (97)	3.50 (89)
		4	14 - 350 (2 - 150)			
		1	6 - 500 (16 - 250)			
GPRT-350/6P-500/2P	-C	8 Hybrid		10.85 (276)	3.825 (97)	3.50 (89)
		6	14 - 350 (2 - 150)			
		2	6 - 500 (16 - 250)			

Note: For clear view back, add "-C" to catalog number

Clear Back



Hinged Cap



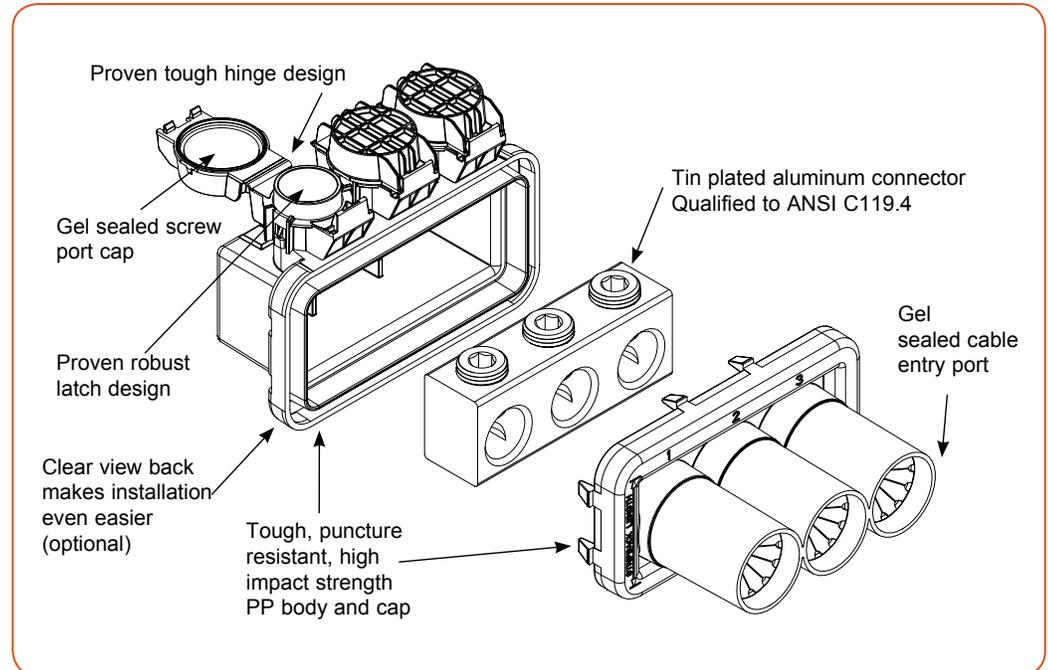
Gel-filled Ports



Submersible Performance



Testing	Test Condition
Complete unit	ANSI C119.1, 2002, Report: EDR-5379, EDR-5409, EDR-5427
Connector	ANSI C119.4, 2003, Report: 502-47264, 502-47302, 502-47308
Chemical Resistance	ASTM D543 to the following liquids: Sulfuric Acid, Sodium Sulfate, Sodium Chloride, Sodium Hydroxide, Ethylene Glycol
UV Resistance	ASTM G-53-95, ASTM-D-638-95



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