
PRODUCT SHEET

Ocal[®] liquid-tight connector with grounding ring

Innovative design allows connections
to be UL[®] listed



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Responding to market demand, ABB designed the PVC-coated Ocal liquid-tight connector with an innovative and patent-pending grounding ring, enabling the connection to be UL listed.

If a fault occurs within the wiring in a conduit system, all that remains to continue a ground path from the power source to the load is the conduit system's electrical bonding at the terminations. Until now, the only option was to secure a ground lug to the connector's gland nut with a stainless steel screw to ground the connection at the conduit's termination. However, connections that are grounded through hardware cannot be UL listed.

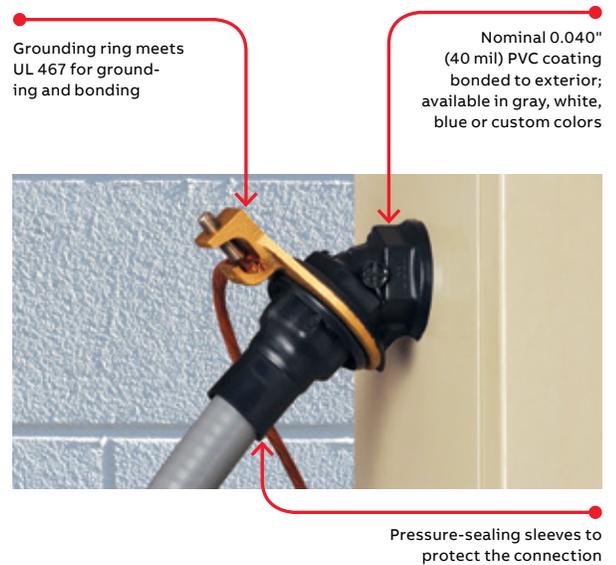
The UL listed ground ring in the Ocal liquid-tight connector offers a perfectly secure connection for a sustainable ground path to ensure personnel and equipment safety.

- Accepts copper conductors
- Made of naval-grade brass to ensure the highest possible corrosion resistance for a conductive material
- Offers an industry-leading solution to both corrosion-resistance and conductivity demands

NEC 350.60 grounding and bonding:

"Where used to connect equipment where flexibility is required, an equipment-grounding conductor shall be installed. Where required or installed, equipment-bonding jumpers shall be installed in accordance with 250.102."

Ocal uses genuine ABB® T&B Liquidtight Systems® fittings to ensure the highest quality installations.



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| Size (in.) | Straight | | 45° | | 90° | |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Old cat. no. | New cat. no. | Old cat. no. | New cat. no. | Old cat. no. | New cat. no. |
| ½ | ST1/2G-G | ST1/2GR-G | ST1/245G-G | ST1/245GR-G | ST1/290G-G | ST1/290GR-G |
| ¾ | ST3/4G-G | ST3/4GR-G | ST3/445G-G | ST3/445GR-G | ST3/490G-G | ST3/490GR-G |
| 1 | ST1G-G | ST1GR-G | ST145G-G | ST145GR-G | ST190G-G | ST190GR-G |
| 1¼" | ST11/4G-G | ST11/4GR-G | ST11/445G-G | ST11/445GR-G | ST11/490G-G | ST11/490GR-G |
| 1½ | ST11/2G-G | ST11/2GR-G | ST11/245G-G | ST11/245GR-G | ST11/290G-G | ST11/290GR-G |
| 2" | ST2G-G | ST2GR-G | ST245G-G | ST245GR-G | ST290G-G | ST290GR-G |
| 2½ | ST21/2G-G | ST21/2GR-G | ST21/245G-G | ST21/245GR-G | ST21/290G-G | ST21/290GR-G |
| 3 | ST3G-G | ST3GR-G | ST345G-G | ST345GR-G | ST390G-G | ST390GR-G |
| 4 | ST4G-G | ST4GR-G | ST445G-G | ST445GR-G | ST490G-G | ST490GR-G |

ABB Installation Products Inc.
Electrification Products Division
860 Ridge Lake Blvd.
Memphis, TN 38120

tnb.abb.com

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