ABB ELECTRIFICATION INSTALLATION PRODUCTS

End-of-Life/Recycling Instructions

Carlon Junction Box E987R



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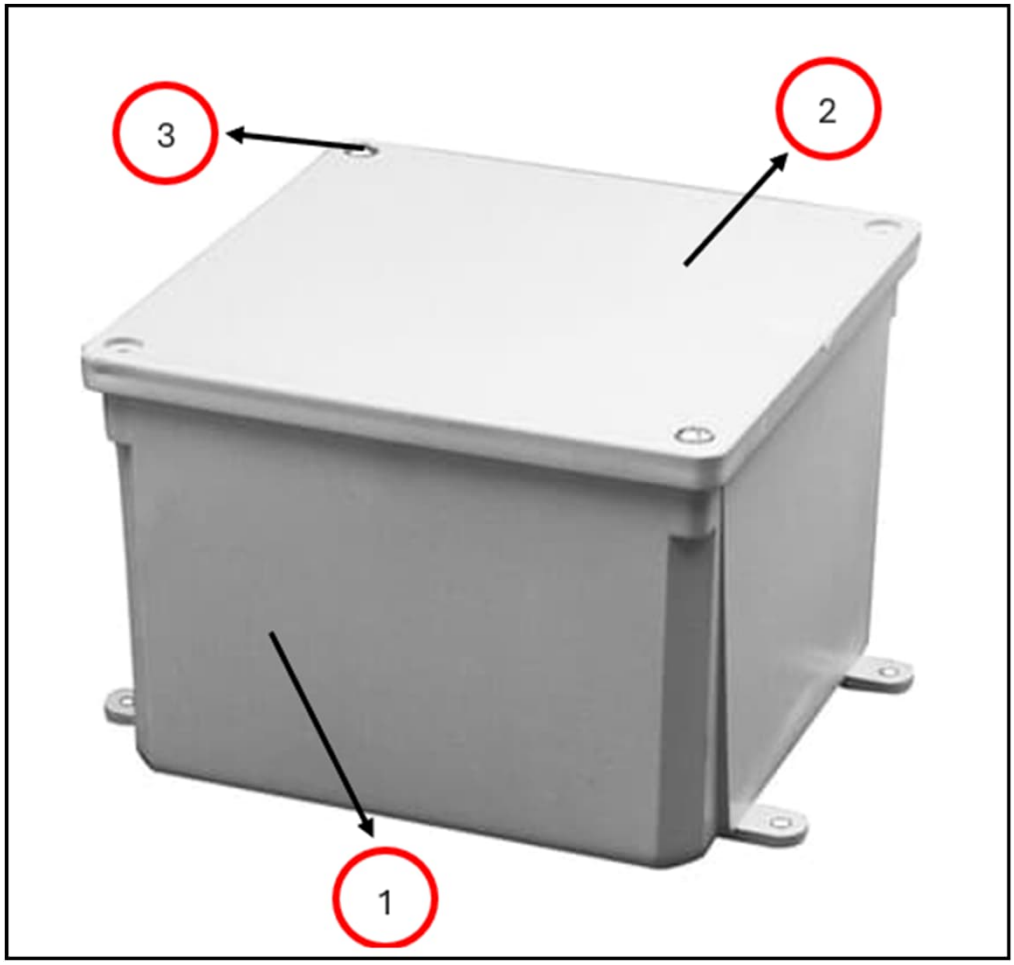
Product Description

The E987R is a 6-inch by 6-inch by 4-inch non-metallic junction box that provides a rugged, watertight enclosure for splicing and housing electrical connections. Featuring a gasketed lid secured by stainless-steel screws, this box helps seal out moisture, dirt, and debris—making it suitable for both indoor and direct burial outdoor applications. Its sturdy thermoplastic (PVC/polycarbonate) body supports multiple conduit entries and is designed for surface mounting, ensuring long-term reliability and protection in harsh environments.

Carlon® junction boxes offer a secure, non-metallic enclosure for electrical wiring splices, extensions, or terminations across a wide range of environments. Their durable PVC or polycarbonate construction resists corrosion and provides electrical insulation, making them ideal for both residential and industrial use. A variety of shapes and sizes—including square, rectangular, and screw-cover models—allow for flexible installation options and accommodate different connection needs with ease.

Explosion Diagram

6X6X4 Carlon Junction Box E987R



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Dismantling Instructions

1. Remove the Carlon junction box from the installation location.

2. Disconnect the Carlon junction box from all cables and connections

3. Remove the 4 screws. These can be recycled as scrap steel

4. Remove the cover and separate the gasket from the PC/PVC components.

5. The gasket should be discarded as general waste

6. Send the PC/PVC to a recycling plant capable of recycling PC/PVC

7. In case there are no local recycling plants that accept PVC take it to your local hazardous waste facility for controlled disposal.

8. These instructions are applicable to Carlon PC and PVC Junction Boxes. A specific list can be found on the two published Environmental Product Declarations, Carlon PVC Junction Boxes and Carlon PC Junction Boxes. library.abb.com

Weight of Main Materials

Part Number	Material	Weight (kg)	Percentage of Total Weight	Recyclable
1 & 2	PC or PVC (depending on box)	0.5554	98.91%	Yes
3	Steel	0.0034	0.61%	Yes
Black Sealing Ring	Gasket	0.0027	0.48%	No

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