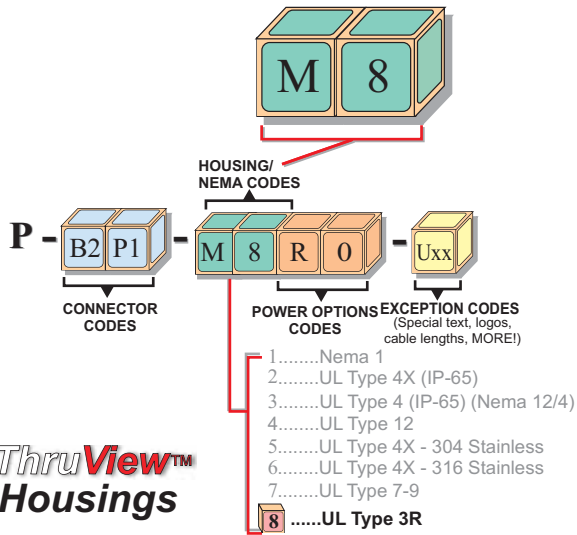
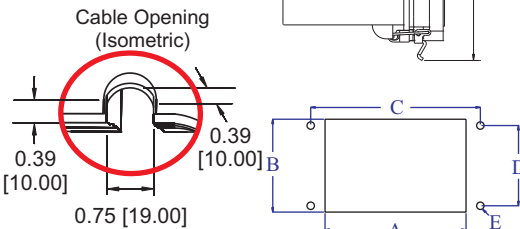
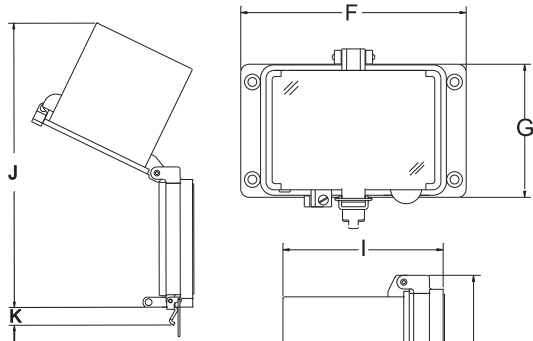


# Extra-Duty Weather Resistant UL Type 3R Panel Mount In-Use Housing



**ThruView™  
Housings**



**M8 Mounting  
Dimensions (inches [mm])**

	A	B	C	D	E
<b>M8 Overall</b>	4.80in [121.90mm]	3.20in [81.30mm]	5.83in [148mm]	2.76in [70mm]	.26in [6.50mm]
<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>
6.50in [165mm]	3.78in [96mm]	5.02in [127mm]	4.59in [116.60mm]	9.00in [228.60mm]	0.59in [15.00mm]

## ⚠️ INSTALLATION

GracePorts® are intended to be mounted in or on an enclosure product. Installation should be performed by a qualified technician and adhere to applicable regulatory codes. These devices are for mounting on the flat surface of enclosures having the same type environmental ratings.

### All Installations:

- 1). Cut panel opening and mount GracePort® assembly horizontally to enclosure with gasket.
- 2). Connect low voltage interface wiring according to documentation provided with unit.

### On units configured for optional AC power:

- 1). Connect outlet device as per code. Note: It is the responsibility of the installer to ensure adequate separation of high and low voltage circuits in the end-use product.
- 2). Ensure the mental housing is reliably grounded using grounding means provided.

### SPECIFICATIONS: MECHANICAL

Housing: Cast aluminum base  
 Latch: Type 304 Stainless Steel (1CR18NI19)  
 Cover: Polycarbonate, UV rated, V-O Flame rated  
 Gasket: Thermoplastic elastomer  
 Insert Material: Acrylic UL94HB

### SPECIFICATIONS: ELECTRICAL

Low voltage (data), limited to 30 VDC  
 High voltage supply (for computer use only)  
 120 VAC, 15A (UL)  
 230-240 VAC, 16A (CE only)



## The Industrial In-Use Outlet Cover

Designed for wet or damp locations, **Extra-Duty** M8 Thru-View® housings allow customers to plug items into their customized GracePort® and close the cover to provide in-use protection against rain and moisture.

Recent changes in the 2011 National Electrical Code (NEC) better clarify how to protect outlets when installed on the outside of enclosures located in these environments. The NEC 2011 also recognized that most residential in-use receptacle covers are not suitable for commercial and industrial usage. In these applications they describe an industrial in-use cover as extra-duty. Built for long life, the industrial M8 extra-duty housing fits this need.

The extra-duty in-use cover requirement applies to devices plugged into 15-20 Amp/125-250Volt receptacles in wet or damp locations that are unattended by the worker. Wet locations are subject to routine high pressure spray then a standard UL Type 4/4X Thru-View® should be used.

### 406.9 (B) Wet Locations\*

(1) 15- and 20-Ampere Receptacles in a Wet Location. 15- and 20-ampere, 125- and 250-volt receptacles installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted. For other than one- or two-family dwellings, an outlet box hood installed for this purpose shall be listed, and where installed on an **enclosure** supported from grade as described in 314.23(B) or as described in 314.23(F) shall be identified as "**extra-duty**." All 15- and 20-ampere, 125- and 250-volt non-locking-type receptacles shall be listed weather-resistant type.

**406.9(B)(2)(a)** A receptacle installed in a wet location, where the product intended to be plugged into it is **not attended while in use**, shall have an enclosure that is weatherproof with the attachment plug cap inserted or removed.

\*2011 NFPA 70 National Electrical Code

### APPROVALS



UL RECOGNIZED: E207344 Type 3R(Outdoor Use)  
 CE: EN61010/EN60950 (Foreign Power Outlets)



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