

eVu—Electronic Vehicle Display



Product Description

With a focus on communications, convenience and safety, Eaton Corporation is pleased to introduce eVu.

Rugged dashpanel displays simplify the viewing, selecting and inputting of key equipment/trip data.

Working in sync with existing controllers and networks, the displays provide the driver with valuable feedback on vehicle status and performance.

eVu displays offer a great deal of flexibility which can include:

- Internal warning/alert buzzer
- Backlighting legend displays
- Sunlight readable LCD characters
- Internal power supply
- Analog or discrete switch inputs
- Up to 2.5 digit character display
- 8-segment bar graph
- Individual LED control

So, what's the e for?

Easy, **e**lectronic and **e**volutionary. eVu fills the gap (literally) between on-board systems and displays, ideal for application-specific functions.

Application Description

Typical applications for information display include:

- Temperature
- Pressure
- Speed
- Distance
- Capacity
- Transmission
- Warnings/alarms
- System information

Safety

eVu displays are easier to access than typical touch screens or soft-key applications. Keeping the dashboard displays within the driver's line of vision helps keep the driver and everyone else on the road safe. Additionally, the eVu displays are designed to meet SAE-1455 specification.

What Do You Want to View?

There are many types of eVu displays and they can be customized with various colors, resolutions and character configurations. Choose the functionality you want with the flexibility you need.

Contents

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Features

Communication and Networking

eVu displays can interface with smart engines, controllers and equipment software via established J1939 and J1708 communication protocols.

In addition, eVu displays can receive input from analog transducers and sub-systems. Analog inputs can be either 0–20 mA or 0–10V. Additional input options exist for up to six logic states.

Designed for Easy Installation

Some advancements in technology create installation obstacles. That isn't the case with eVu. The displays fit into the same cutouts as standard Eaton NGR rocker switches, 0.866 x 1.732 in (22.00 x 44.00 mm), making installation easy. The simplified architecture not only saves dash space, it also saves costs.

Product Selection

Note: All products are custom ordered. Contact your local Eaton Sales Representative.

Dimensions

Approximate Dimensions in mm [in]

Mounting Instructions

Product is designed to mount in panels between 1 to 4 mm (0.039 to 0.157 in) thick.

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