

IP66 **NEW**

The multiplexed Vehicle Electrical Center (mVEC) is a power distribution node on a J1939 network, controlling relays based on information from the central vehicle controller. The mVEC will also return power distribution status information like relay state, failed relay, missing component or blown fuse.

High Power: 200A Rated. Individual outputs rated up to 30A (max of 32 outputs). 12V and 24V versions.

Flexible: The mVEC is offered in various standard and customized versions. Custom versions are configured to OEM wiring requirements. The mVEC accepts fuses, relays, circuit breakers, resistors, diodes, etc. - based on industry standard 2.8mm footprint.

Cost Effective: An alternative to high current, solid-state power distribution modules and features serviceable components. The mVEC is designed as a slave module, it is controlled by master modules. Standard units below come pre-loaded with relays, fuses and a fuse puller.

Custom Ordering Options: Cover marking: laser etching inside, outside or both.

Compression limiters on mounting feet. Stuffed (with/without) components i.e. fuses, relays, diodes, breakers, fuse puller. Customised circuit layouts, standard and custom CAN messages.



MVEC
31M Series

12V mVEC	24V mVEC	Input M8	Mini	ISO 280 Ultra	Fuse	Output	Output
Part Number	Part Number	Bus Bar	Fuses	Micro Relay	Puller	Connectors	Total
31M-327-0	31M-328-0	Single	23pcs	4pcs x SPST	1pc	3	24
31M-000-2	31M-329-0	Single	16pcs	8pcs x SPST	1pc	2	16
31M-300-0	31M-330-0	Single	8pcs	12pcs x SPST	1pc	2	16

Part Number	Accessory Description
32006-A22	Output Connector Black Colour, 8 Position Keyed
32006-B22	Output Connector Grey Colour, 8 Position Keyed
32006-C22	Output Connector Green Colour, 8 Position Keyed
32006-TP2	Output Connector Secondary Terminal Lock 8 Pos.
MVECCCK	CAN Connector Kit includes; 1 x Connector, 12 x Terminals, 12 x Seals, 1 x TPA.



Fuse / Breaker
Puller # 32013BS

CAN Connector
Kit # MVECCCK

Voltage: 12VDC or 24VDC Options. **Rating:** 200A max.

Input Studs: 2 x M8, 100A max each. **Fuses:** 10A Mini fuses (pre-installed).

Relays: 4 pin ISO 280 Ultra Micro (SPST). 12VDC 20A or 24VDC 10A (pre-installed).

CAN Connector: AMP SSC 12-position sealed connector.

Output Connectors: up to 4, 100A max each, colour coded & sealed.

Output Connector Terminals: Delphi Metri-Pack 280 Female Sealed (Tanged).

See QR Code or page 134 for further details on terminals, seals and cavity plugs.

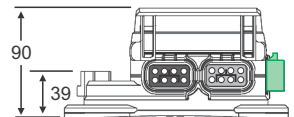
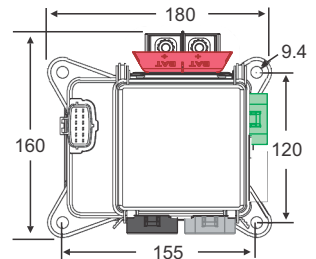
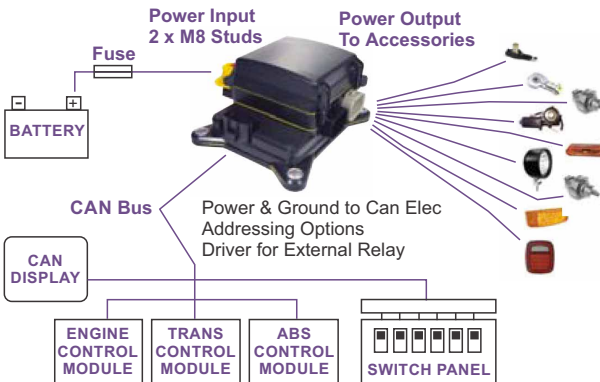
Output Connector Terminal Rating: 30A max each.

Output Connector Cable Seals & Cavity Plug: Delphi Metri-Pack 280 series.

Operating Temp.: -40 °C to +85 °C. **Fuse Puller:** 32013BS (pre-installed).

Notes: Customers must follow the factory guidelines and adhere to installation instructions which include restrictions on mounting orientation. Each connector is keyed and only fits into the same colour connector on the unit.

Documentation is available on request.



Dimensions in MM

Scan this QR Code for more information



QR Code: 9027

POWER DIST.