DATAKOM

DKG-186 FET EXTENSION UNIT

FEATURES

* 8 protected mosfet outputs
* Cascadable for more outputs
* DIN rail mounted
* Compact size
* Plug-in connection system for easy replacement

DESCRIPTION

The DATAKOM Fet Extension unit is used to increase the number of digital outputs of a DKG-xxx genset control module.

The fet extension unit provides 8 protected mosfet outputs pulling to battery negative when active.
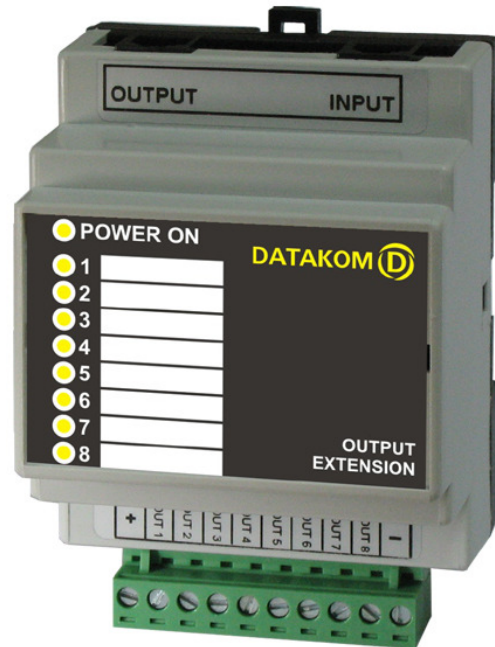
The Fet Extension unit is universal and can be used together with any DKG-xxx unit featuring an extension connector. DKG-xxx modules support generally a maximum of 2 extension modules, which provides a maximum of 16 digital outputs.

The units are cascadable. The output of each module connects to the input of the next module. It is also possible to combine a Fet Extension module together with a Relay Extension module. Thus 8 fet outputs and 8 relay outputs will be available.

Any output function can be assigned to any digital output. Digital output functions are programmed through the DKG-xxx modules, changing the extension module will not affect output functions.

The unit is designed to be mounted on a DIN Rail, inside a panel. Its size is equivalent to four standard circuit breakers.

The unit is powered up from the genset battery. Connections are made with a 2 part plug and socket connector.

TECHNICAL SPECIFICATIONS

DC Supply Range: 9.0 to 30.0 V-DC
Typical Operating Current: 10 mA-DC
Digital Outputs: 1A @ 28V (protected semiconductor outputs)
Operating temp.: -20°C (-4°F) to 70 °C (158°F).
Storage temp.: -40°C (-40°F) to 80 °C (176°F).
Maximum humidity: 95% non-condensing.
Dimensions: 70 x 106 x 58 mm (WxHxD)
Weight: 110 g (approx.)

CONNECTION DIAGRAM