

MREL

APPLICATIONS

The **EM MODULE MREL** is the perfect USB module for high power switching applications. The relays are designed for an absolute maximum of 5 A. It is a german engineered and high quality USB extension module, offering the highest performance in tough environments.

- _ Rugged Industrial Module
- _ Automatic Control Panels
- _ Information Systems
- _ Measurement & Quality Control
- Automotive

5 A SWITCH-ING





Connect up to seven modules per TB-M / TB-H to your system. For up to 28 relays and LEDs.



Extreme temperatures from -40°C to +85°C are supported.



Four green status LEDs to indicate a current flow.



Four change over Finder relays with 5 A maximum current.



Small installation depth.



Designed for hat rail mounting.





SPECIFICATIONS

Relays 4 change over Finder relays

Relay power Max. 60 V / max. 5 A (AC)

LED 4 green LEDs

Connector Molex 12 pin Micro-Fit™

USB client port 1 USB 2.0 / 1.1 type A Cable solution (optional)

OS support Linux Kernel 3.4 or later

Android

Microsoft[®] Windows[®] 7 Microsoft[®] Windows[®] 10

Microsoft® Windows® 10 IoT Core

Power supply USB VCC (+5V supply, current

limited to 500 mA)

Housing ABS-PC

Dimension 93 mm x 38,5 mm x 26,6 mm

Weight Approximately 40 grams

Mounting EMTrust TB-M and TB-H module

mounting, hat rail mounting

Cooling Designed for fanless operation

Conformity CE, ROHS, REACH

Max. operating temp. -40°C to +85°C ambient

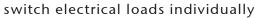
Max. storage temp. -40°C to +85°C ambient

Max. rel. humidity 95 % @ 40°C, non-condensing

CONTROL RELAYS AND LEDS

FLEXIBLE SWITCHING BY LOGICAL PROGRAMMING







OVERVIEW

The EM MODULE MREL is the perfect USB to relay adapter with up to four electrical switches.

5 A is the maximum switching capability.

SUMMARY

- ► Four relays
- ► Four status LEDs
- ► High current relays





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