

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 SWITCHING



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

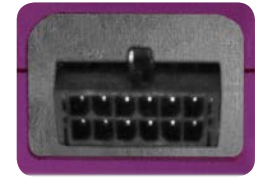
Relays	4 change over Finder relays
Relay power	Max. 60 V / max. 5 A (AC)
LED	4 green LEDs
Connector	Molex 12 pin Micro-Fit™
USB client port	1 USB 2.0 / 1.1 type A Cable solution (optional)
OS support	Linux Kernel 3.4 or later Android Microsoft® Windows® 7 Microsoft® Windows® 10 Microsoft® Windows® 10 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



switch electrical loads individually



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

