



MREL

EM TRUST
systems you can trust

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.

HIGH QUALITY
MADE IN GERMANY

E.E.P.D. 
...just embedded!

SPECIFICATIONS

Relays	4 change over Finder relays
Relay power	Max. 60 V / max. 5 A (AC)
Connector	Molex 12-pin Micro-Fit™
Status LEDs	4 green LEDs to indicate relay status
USB client port	1 USB 2.0 USB 1.1 Type A
Power supply	USB VCC (+5 V supply, current limited to 500 mA)
Fanless	Designed for fanless operation
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
Housing	ABS-PC
Mounting	TB-M and TB-H module mounting Hat rail Stand alone
Dimensions approx.	93 x 39 x 27 mm
Weight approx.	40 grams
Conformity (adapter only)	CE, ROHS, REACH
OS support	Microsoft® Windows® 10; Microsoft® Windows® 10 IoT; Linux Kernel 3.4 or later; Android;
Control Type	Virtual COM Port

SWITCH IT ON HIGH POWER RELAYS



OVERVIEW

The EM MODULE MREL is the perfect USB to relay adapter with up to four electrical switches. 5A is the maximum switching capability.

SUMMARY

- ▶ Four relays
- ▶ Four status LEDs
- ▶ High current relays

Ordering Code System	Description	Type
IMRELA00	USB Module	4x Change over relay Rail Mounting GREY
IMRELA030	USB Module	4x Change over relay Rail Mounting MAGENTA
IMRELAC0	USB Module	4x Change over relay Hat rail or stand alone mounting GREY USB cable 80 cm



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