

# BMS MODULE



## PRODUCT GROUP FALCON PSIM

## PRODUCTS IN SERIES BMS MODULE



Scan for more detailed information on the met standards and tests of this product.

- ✓ 8-channel module with relays
- ✓ Reliable communication
- ✓ Supports 10 TCP client connections
- ✓ Wide operating temperature range: -40C +85 C
- ✓ Power saving function
- ✓ Co-operates with FALCON PSIM

**The BMS Module** is an industrial 8-channel module with relays controlled by TCP/IP protocol with transparent Modbus communication mode. The whole unit is enclosed in an aesthetic ABS housing compatible with DIN rail. Module can be connected to an external high-current AC contactor and relay. It delivers reliable communication. Automatic IP address acquisition is supported and support of 10 TCP client connections under TCP server is delivered. With the supplied configuration software, 5 operation modes can be configured: TCP server, TCP client, UDP server, UDP client, DNS domain name. It has RS485 and Ethernet port. It has 8 programmable relays, 8 inputs. The function of saving when the power is off (saving the relay status). The product can withstand high temperature and work in the range of -40 to +85 °C.

## TECHNICAL DATA OF BMS

	Technical parameters
Housing	ABS material with DIN rail mounting
Operating types	TCP server, TCP client, UDP server, UDP client, DNS domain name
Ports	port RS485 i Ethernet
Power supply	DC 7-24 V (screw terminals or DC 5.5 - 2.1 mm connector)
Inputs	8 independent inputs + 2 with direct control of all relay outputs
Outputs	8 independent relay outputs, voltage free (maximum 10 A for AC 250 V or DC 30 V)
Temperature operating range	od -40 to + 85
Dimensions (H x W x D)	110 mm x 160 mm x 60 mm

*This data sheet is commercial in nature. If more detailed technical information is required, the reference document is the technical and operating documentation to be obtained from the manufacturer. In addition, the manufacturer reserves the right to make changes regarding the parameters, specifications and characteristics of the product. The dimensions of optional products, manufactured to order, will have different dimensions than those shown in this sheet. The document of general terms and conditions of supply can be found on the manufacturer's website - [www.railway-systems.eu](http://www.railway-systems.eu)*

