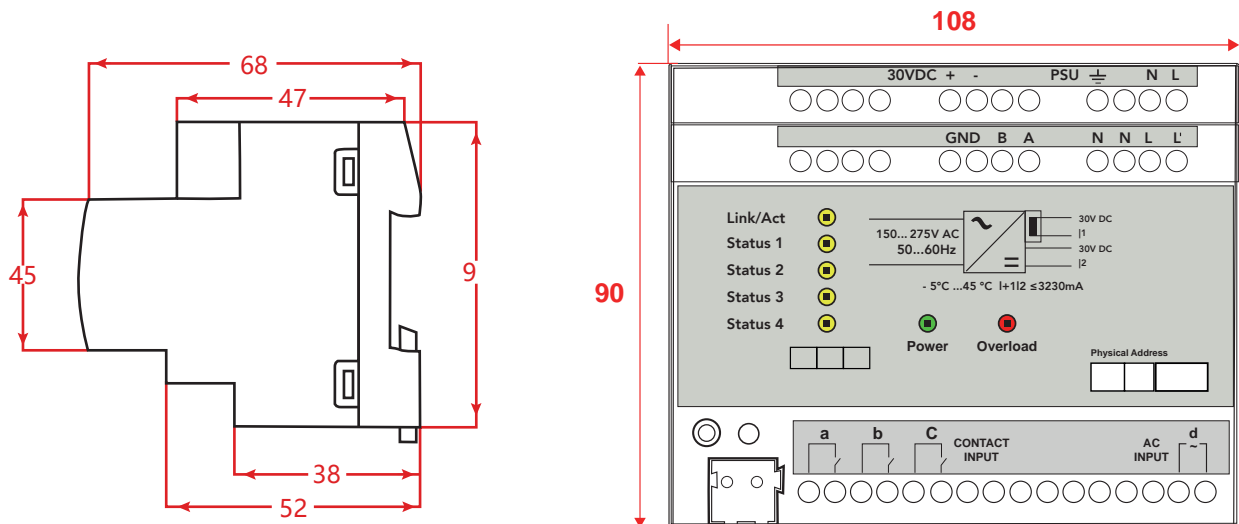# MX-HRS100

KNX-Modbus TCP Router

KNX PSU & Energy saver with/without card holder

Features

- The MX-HRS100 is designed for supervising and managing KNX setups through SCADA visualization software.
- The device's IP address can be assigned either by a DHCP server or manually configured.
- The MICROAXS MX-HRS100 features an innovative logic controller that facilitates a room energy-saving system without requiring a card holder.
- The device is equipped with three physical inputs designated for door, window, and presence detection.
- The MX-HRS100 incorporates an integrated KNX bus power supply of either 320mA or 640mA for KNX devices.
- The output of the KNX power supply is safeguarded against short-circuits and overloads.
- The device employs three distinct LED indicators to display power status, overload conditions, and resets.
- To initiate a restart of the power supply, users can press the reset button located on the device.

Technical Data

Type of Protection	IP20	EN 60 529
Safety Class	II	EN 61 140
Insulation Category	Over voltage category Pollution Degree	III EN 60 664 - 1 2 EN 60 664 - 1
Main Supply	Input Voltage Power consumption	150-275V AC, 50-60Hz 7W
Output	KNX Bus	30 VDC +1 / -2V, SELV (Integrated choke) 640mA
Connection	IP Line KNX Line	RJ45 socket for 10/100BaseT, IEEE 802.3 networks Bus Connection Terminal
Display Elements	ETH Link ETH Act LED for programming mode	Satatus Fault
Operating Elements	Function button, Programming button	
Installation	35mm DIN rail mount	**EN 60 715 TH 35-75**
Temperature Range	Operation Storage	-5 ^{0}C + 45^{0}C non-condensing -20 ^{0}C + 60^{0}C
Humidity		5% to 93% no maisture condensation
Dimensions	H x W x D	90mm x W x 7 0mm
Weight	66g	
Box	Plastic PA66 housing gry	
CE	in accordance with EMC and low voltage guidelines Device complies with, EN 50090-2-2, IEC 60664-1	