

LCN-R8H

Relay Module with 8 Outputs DIN rail mounted



Description:

The LCN-R8H is an 8 way relay block for the LCN Bus system. It must be connected to an intelligent bus module such as LCN-SH, LCN-HU or LCN-LD. The potential free 16A contacts are optimized for high switch on currents.

Hardware equipment:

8 relays for load switching at 250V/16A AC1

3600VA switching capacity (each contact)

Cable with plug for P-Port connection to the intelligent bus module

Plug in relays

Field of application:

The LCN relay block is used to control up to eight independent circuits/devices or up to four independently controlled motor drives. A combination of the above is possible.

Note:

The relay contacts of the LCN-R8H are optimised for high switch on currents (AgSnO).

A minimum load of 20V 100mA is needed to prevent oxidation of the contacts.

When planning the contact loads pay special attention to the switch on and reactive currents.

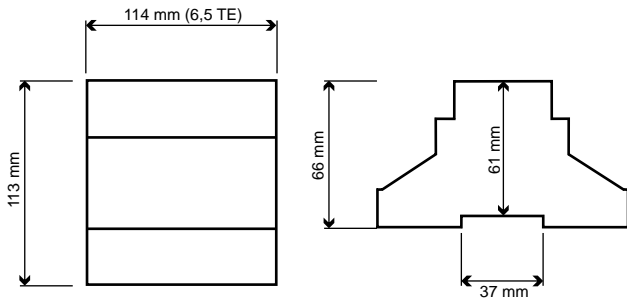
For medea applications gold contact relays are available as an option.

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Dimensions:

Mass (W x L x H): 114 mm x 113 mm x 66 mm
Supply Cable: 180mm



Height: 66mm
 61mm via DIN rail

Space requirement: 6,5 TE

Assembly: Attached built-in device on 35 mm mounting rail (DIN 50022) or screw fixture

Technical Data:

Connection:

Supply voltage: 230V~ ±15%, 50Hz
 Input power: <2W

Terminals: screwless
 Cable type: max.16A single or multi-core (max.2,5mm²) or with insulated ferrules(max.1,5mm²)

Relays:

Nominal current: 16A / AC1(resistive load)
 Max. starting current: 70A
 Contact current: 100mA - 16A
 Contact voltage: >20V
 Contact material: AgSnO

General Details:

Operating temperature: -10°C to +40°C
 Humidity: max. 80% rel., non condensing
 Environmental conditions: stationary installation according to VDE 632, VDE 637

Safety classification IP 20

Circuit Diagram

