- 4-way coupling relay
- 2 Change-over contacts, 2 normally open contacts
- PNP (KM2X04P-M) or NPN (KM2X04M-M)-control
- Width 22.5mm
- Industrial design

Technical data

1. Functions

Coupling relay with four independent circuits including galvanically separated output relays.

2. Indicators

Yellow LED R1 ON/OFF:	indication of relay output 1
Yellow LED R2 ON/OFF:	indication of relay output 2
Yellow LED R3 ON/OFF:	indication of relay output 3
Yellow LED R4 ON/OFF:	indication of relay output 4

3. Mechanical design

Self-extinguishing plastic housing,IP rating IP40
Mounted on DIN-Rail TS 35 according to EN 50022
Mounting position: any
Shockproof terminal connection according to VBG 4 (PZ1 required), IP rating IP20
Initial torque: max. 1Nm
Terminal capacity:
- 1 x 0.5 to 2.5mm^2 with/without multicore cable end
- 1 x 4mm^2 without multicore cable end
- 2 x 0.5 to 1.5mm^2 with/without multicore cable end
- 2 x 2.5mm^2 flexible without multicore cable end

4. Input circuit

Supply voltage:	24V DC
Tolerance:	±10%
Rated consumption:	approx.700mW per channel
Duration of operation:	100%
Residual ripple for DC:	±10%
Drop-out voltage:	≤5V

5. Output circuit

2 potential free change-over contacts and
2 potential free normally open contacts

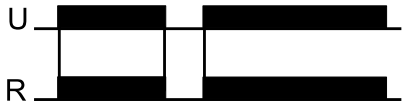
Switching capacity	1250VA (5A / 250V AC) per channel
Mechanical life:	20 x 10^6 operations
Electrical life:	2 x 10^5 operations at 1000VA resistive load
Switching frequency:	max. 60/min at 100VA resistive load max. 6/min at 1000VA resistive load (according to IEC 947-5-1)
Insulation voltage:	250V AC (according to IEC 664-1)
Surge voltage:	4kV, overvoltage category III (according to IEC 664-1)

6. Ambient conditions

Ambient temperature:	-25 to +55°C (according to IEC 68-1)
Storage temperature:	-25 to +70°C
Transport temperature:	-25 to +70°C
Relative humidity:	15% to 85% (according to IEC 721-3-3 class 3K3)
Pollution degree:	2, if built-in 3 according to IEC 664-1)

Subject to alterations and errors

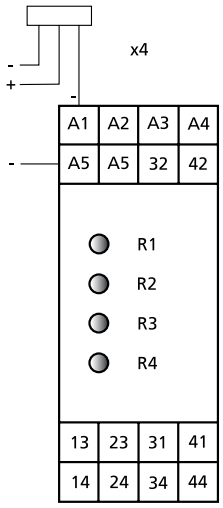
Functions



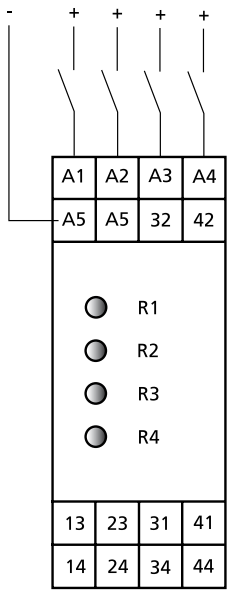
Connections

Semiconductor control

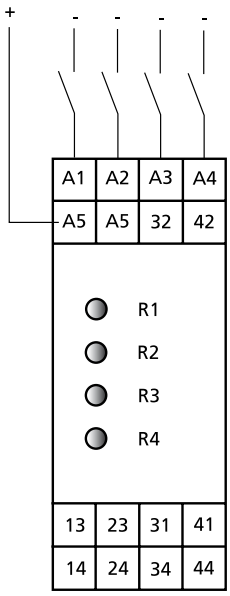
e.g. RONDO timer SRE / SRW



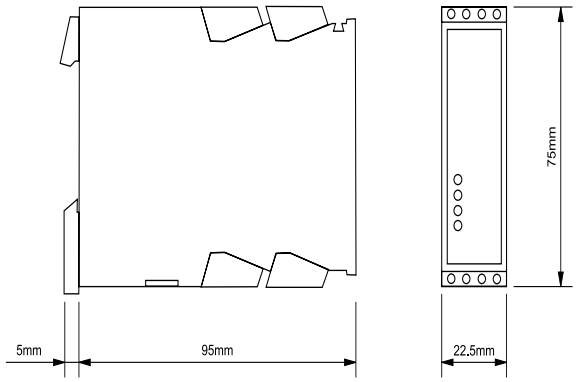
KM2X04P-M



KM2X04M-M



Dimensions



Subject to alterations and errors