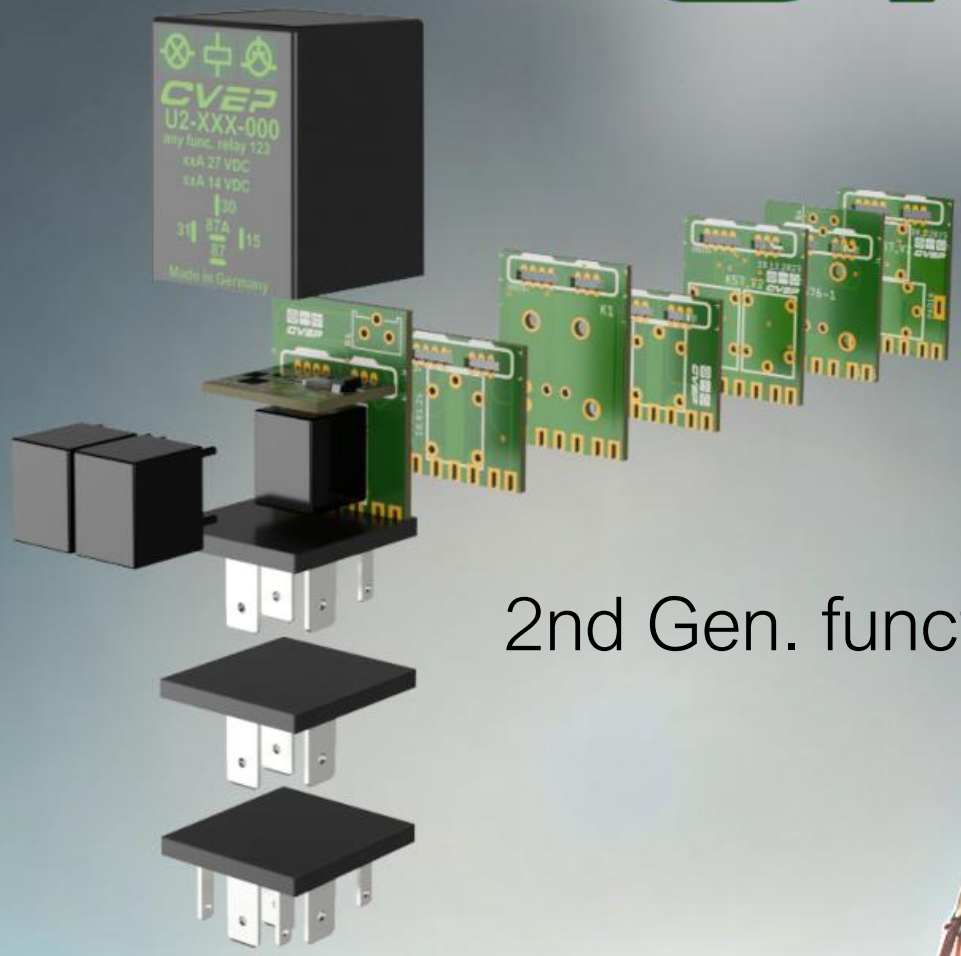




2nd Gen. function Relays

Short Facts

- Universal controller module
- Many different Relay options
- Always 12V and 24V
- Optional Poti´s
- Fast delivery time for custom solutions
- Many different contact Plates
- from 10-30A switching capability
- customizable

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Specifications

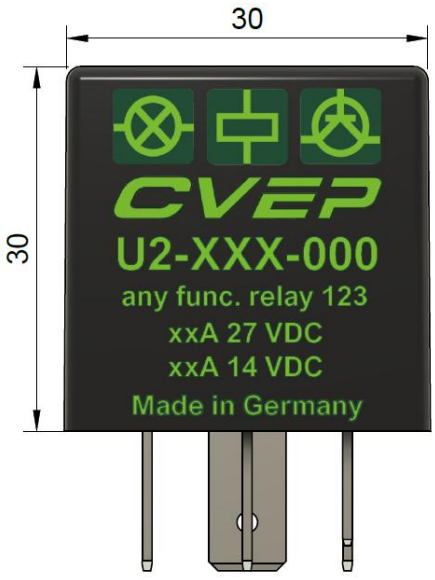
Size	30x30x30 (40)	Contacts	3-9
Supply Voltage	12/24V	Operating Temprature	-40 to + 85°C
Weight	30-40g	Current (max.)	30A
Inputs	Up to 3 analog 0-30V	Interfaces	Opt. LIN
Outputs	Up to 2	e1	In preparation

Description

Our 2nd Generation special function relays are crafted with over 10 years of experience. We've incorporated everything we've learned into a highly customizable, high-quality, and resilient product with a short customization and delivery time at an affordable price.

Our unique design, featuring two PCBs directly soldered together, provides the flexibility to use the same controller unit with a variety of carrier PCBs. This setup defines the connections between the contacts, the relay, the controller board, and optional components.

Dimensions

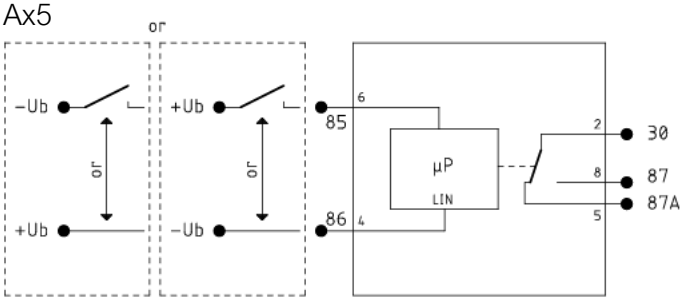




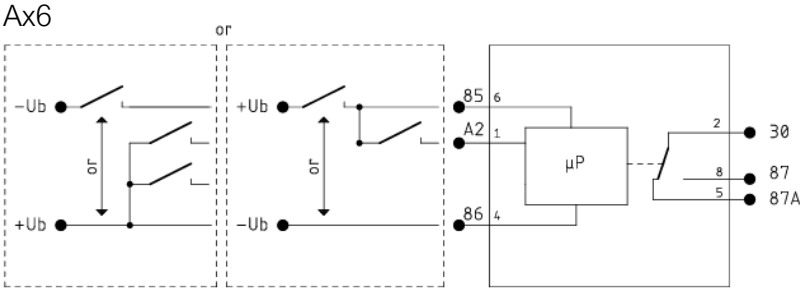
Available Circuits*

Isolated Relay (10A@27VDC or 25A@24VDC):

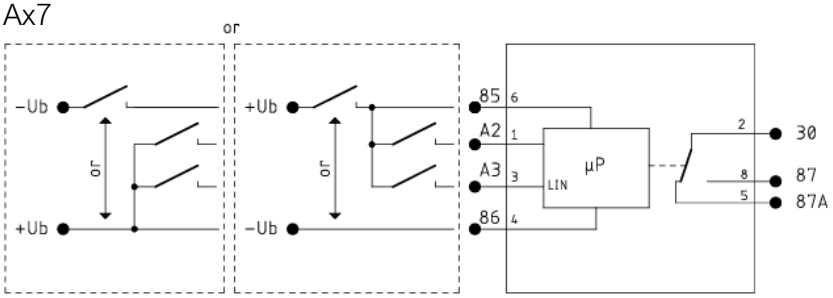
Ax5



Ax6

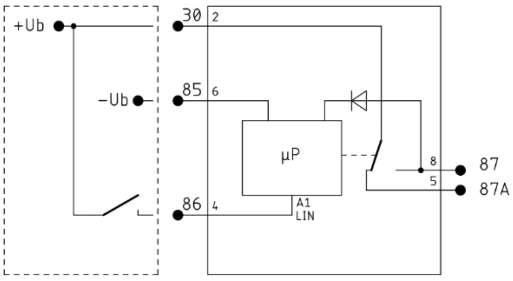


Ax7



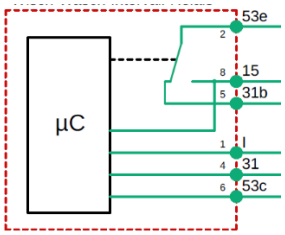
Self powered after switch on (10A@27VDC or 25A@24VDC):

Cx5



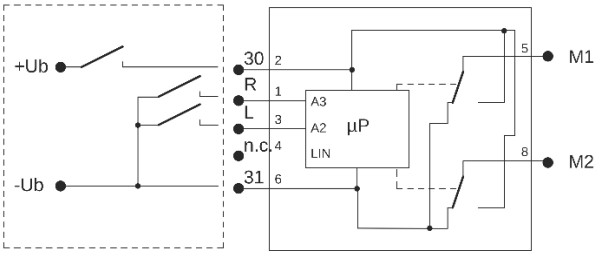
Whipper/Washer Relay (10A@27VD):

E16



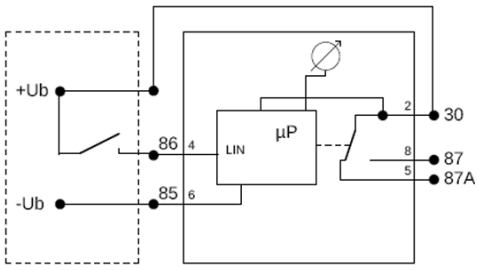
Double Relay (10A@27VDC):

K57



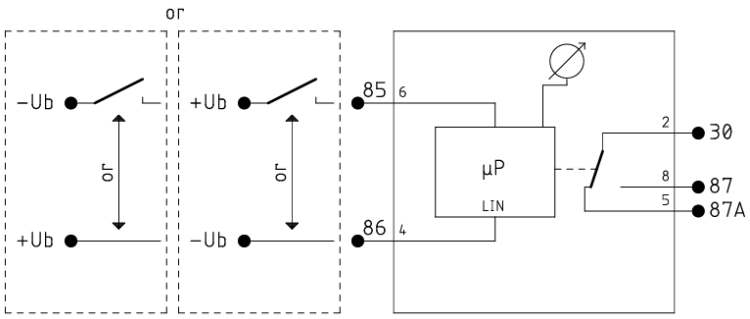
Relay with Poti, powered from KL30(10A@27VDC or 25A@24VDC):

Lx5



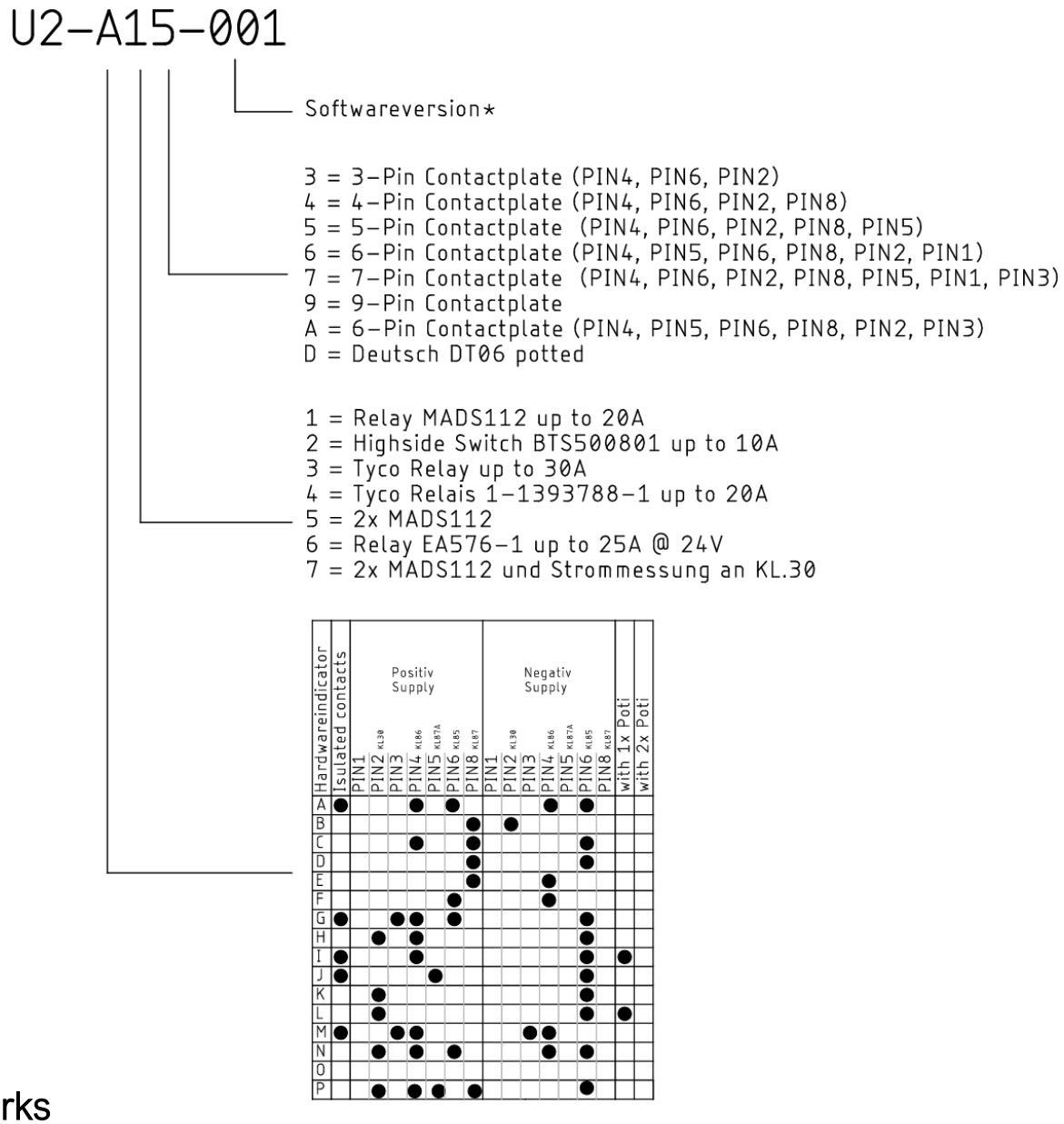
Relay with Poti, powered from KL30(10A@27VDC or 25A@24VDC):

Ix5



*no circuit match to your requirements? No problem, we make it for you!

Create a Part Number



How it works

The "U2-" designates our 2nd Generation special function relays. The three letters or numbers define the hardware specifics. The first letter specifies the connection between the logic, the contacts, and the relay, as well as additional components like potentiometers or current sensors. You can find the variants in the table above and details in the "Available Circuits" section. The second number identifies the relay itself, with many variations regarding the current, including the possibility of having two relays in one unit. The third number or letter indicates the contact plate on the bottom of the relay. If you need a circuit that is not listed here, don't worry - just contact our team, and we will create it for you in no time.



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