



Sensors

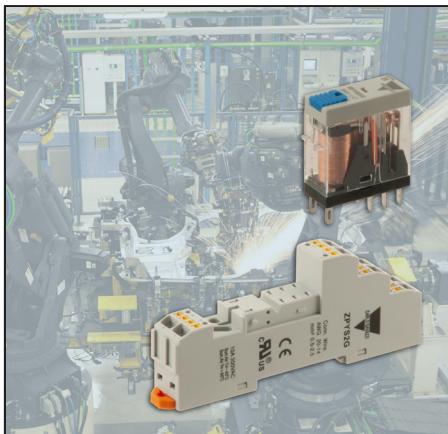


Switches



Controls

Application notes



Application Note : October 2020

Market involved : Industrial automation

Product : RPYS / ZPYS series

Customer : OEMs, System integrators

Subject : Space savings and reliable switching for electrical panels with limited space

CUSTOMER ISSUE :

Industrial automation is evolving through the Industry 4.0 drive for more intelligence and functionality.

This leads to the OEMs' increasing demands to integrate more switchable inputs and outputs.

Which is where the need for slim electromechanical relays comes from and space saving is a key need for customers.

OUR SOLUTION :

The RPYS slim relay, offered together with the ZPYS socket and plastic clamp, is just 13 mm wide, and provides reliable switching up to 5 A in DPDT and 10 A in SPDT configurations.

The nominal voltage ranges are: 12 /24 VDC and 24,115, 230 VAC.

For a more complete offering, the RPYS comes in two versions: the basic version, mainly targeted at more competitive business, and the "LT" version with a LED indication and test button.

The RPYS..LT versions have a colour coded test button to identify DC (blue) and AC (red) coil versions.

BENEFITS :

- 30% more space saving compared to the RPY series
- Installation time savings with push-in terminals
- Visual indication of relay ON-OFF status
- Colour-coding for quick identification of AC vs DC coil versions
- Easier wiring of EM relays through dedicated busbars
- Installation flexibility
 - o Wide range of coil voltage
 - o Screw and push-in sockets