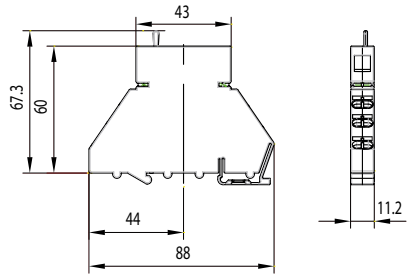
5.7 Interface modules with local override

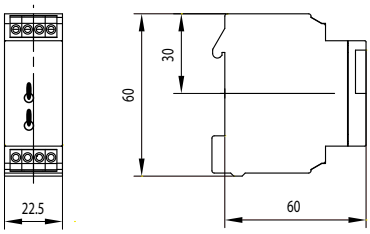
to control drives, valves or flap systems

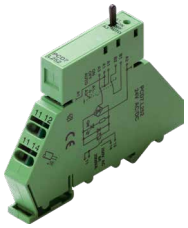
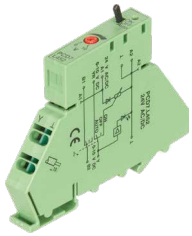
Dimensions

PCD7.L252/452



PCD7.L260



PCD7.L252: Coupler modules with manual operating level Auto/OFF/ON	**PCD7.L452:** Analogue value transmitter for manual correcting variables	**PCD7.L260:** Coupler module for two-stage motor control
		
▸ 1 changeover contact ▸ Local override operation ▸ Auto acknowledge ▸ LED display ▸ Test contacts for each terminal ▸ Spring terminals (push-in)	▸ Potentiometer 0…10 V ▸ Local override operation ▸ Auto acknowledge ▸ LED brightness in proportion to control variable ▸ Test contacts for each terminal ▸ Spring terminals (push-in)	▸ Interlocked relay ▸ Local override operation ▸ Auto acknowledge ▸ LED display ▸ Screw terminals
Single-stage coupler component with local override operation, acknowledgement of switch position and an LED for status indication. Coupler modules are used for safe potential isolation between logic and load. Spring terminals allow for quick and easy wire connection. The supply voltage can be connected across jumpers using additional terminals with no wiring or additional time required.	The analogue data encoder is used as a variable encoder for manual variable specification, e. g. mixing valves, valve positions, temperature values, etc. It has three operating modes: ON, OFF and AUTO. In switch position AUTO, the control variable will be looped unchanged via the YR terminal to the control variable output Y. In switch position ON, the control variable can be set using the potentiometer on the front of the device. The output signal will be available at terminal Y.	This coupler module is used for switching units, pumps, fans, etc. When switching back from stage 2 to stage 1, stage 2 is first switched off and stage 1 is switched on after a delay of < 60 ms. A manual control level has been integrated for service purposes. The time function is operational here too.

Input side	**PCD7.L252**	**PCD7.L452**	**PCD7.L260**
Supply voltage	24 VDC/VAC, –15%/+10%	24 VDC/VAC, –15%/+20%	24 VDC/VAC, ±10%
Current draw	13 mA, protection wiring with recovery diode	19 mA at 24 VDC 30 mA at 24 VAC	30 mA
Input current	---	2 mA at 10 VDC (input YR)	max. 4 mA, terminal B1/B2
Response / release time	10 ms/5 ms	---/---	20 ms/20 ms
Input voltage	24 VDC/VAC	0…10 VDC	24 VDC/VAC
Operating indicator	Green LED to indicate relay state	Red LED (brightness in proportion to control variable)	Two red LEDs to indicate relay state
Output side			
Output contact	1 changeover	---	1 changeover with 0 position
Turn-on voltage	max. 250 VDC/VAC	---	Max. 250 VDC/VAC
On/off switching current	max. 8 A	---/---	Max. 6 A
Output voltage	---	0…10 VDC, 10 mA, output Y in switch position Auto/ON	---
Continuous current	8 A	---	4 A
Breaking capacity (ohmic load)	24 VDC/180 W 50 VDC/65 W 230 VDC/50 W 250 VAC/2000 VA	--- --- --- —	24 VDC/150 W 50 VDC/25 W 230 VDC/50 W 230 VAC/1500 VA
Breaking capacity min.	24 VDC/20 mA	—	24 VDC/20 mA
Service life **mechanical** **electrical (at maximum switching load)**	 2×10^7 switch cycles 1×10^5 hystereses	 --- ---	 1×10^7 switch cycles 1×10^5 hystereses
Switching frequency	MAX: 300 hystereses / h at max. current	---	MAX: 1,200 hystereses / h at max. current

Accessories

PCD7.L291	Jumper for connection of the supply voltage of up to 10 PCD7.L252 and PCD7.L452 modules
PCD7.L490	Labelling plate for PCD7.L452 (in packs of 10)
PCD7.L290	Labelling plate for PCD7.L252 (in packs of 10)

PCD7.L291

PCD7.L490 / PCD7.L290