

ICV

overview

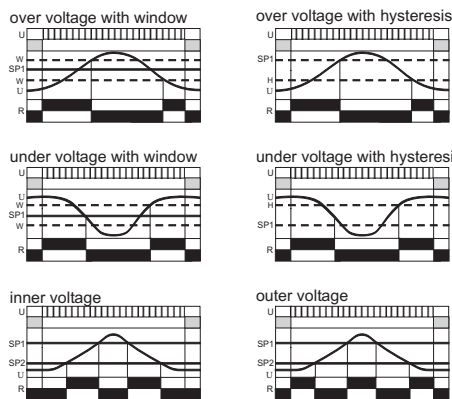
- ◆ AC or DC voltage monitor
- ◆ 3 different voltage ranges
- ◆ 4 selectable base modes (over, under, between setpoints, outside setpoints)
- ◆ 2 selectable measuring functions
- ◆ automatic and manual reset selectable
- ◆ Alarm memory function
- ◆ output relay contact invertable
- ◆ DPCOalarm relay
- ◆ LED indicators for power supply, over voltage and under voltage, failure and status of the output relay, start-up & reaction timer
- ◆ 22.5mm DIN rail mount housing



Function

- Control relay active
- Control relay passive
- Contact closed
- Contact open

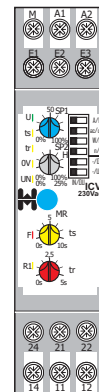
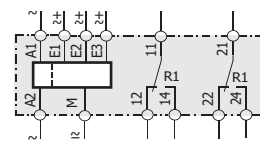
DIP-Switch: Autom.-Reset / Relay normal



DIP-Switch

- autom.-reset A / M manual-reset
- alternating current ac/dc direct current
- window W / H hysteresis
- relay normal n / v relay inverted
- 4 selectable base modes

- over
- under
- inner
- outer



input	range	resistance	U _{EMAX} (20°C)
E1-M	0V - 10V	30 kOhm	13Vac
E2-M	0V - 45V	200 kOhm	75Vac
E3-M	0V - 450V	1,7 MOhm	550Vac

specification

supply voltage variation	nominal voltage -20%..+10%
frequency range	48 - 63 Hz
duty cycle	100%
repeat accuracy	<1%
output relay specification	max. 6A 230V~
U _e /I _e AC-15	24V/1,5A 115V/1,5A 230V/1,5A
U _e /I _e DC-13	24V/1A
expected life time	DPCO
mechanical	10 x 10 ⁶ operations
electrical	8 x 10 ⁴ operations
screws	pozidrive 1
screw tightening torque	0,6..0,8Nm
operating conditions	-20°C to 60 °C non condensing

* EN 60947-5-1 VDE 0435

ordering information

part no	supply	output	sup. galv. iso*	UL 05	housing types
ICV 400Vac	400V~ 2,5VA/1W	DPCO	yes	-	L
ICV 230Vac	230V~ 2,5VA/1W	DPCO	yes	-	L
ICV 115Vac	115V~ 2,5VA/1W	DPCO	yes	-	L
ICV 24Vac	24V~ 2,5VA/1W	DPCO	yes	-	L

* The measurement input is galvanically isolated from the power supply

