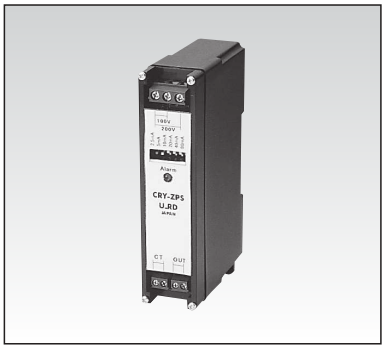
Leakage current detection module (contact output type)

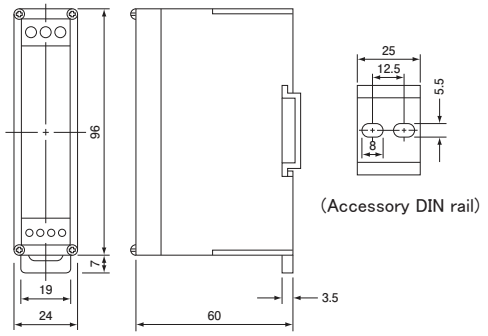


Model CRY-ZPS

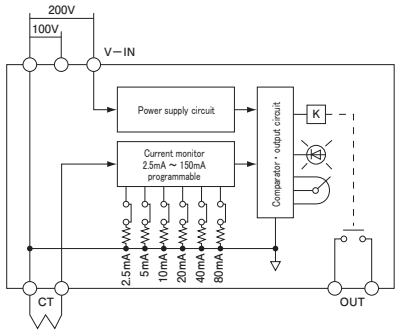
〔Feature〕

- Module to output alarm with detection of leakage or small current, by combination with AC current sensor
- Corresponding to wide power supply of AC85 ～ 250V
- Detection current of 2.5mA ～ 150mA as programmable
- Easy setting confirmation by LED operation display

〔Outline drawing〕



〔Connection〕



〔Specification〕 Ta=25℃

Model		CRY-ZPS
Power supply		1φ50/60Hz, 85 ～ 125V/180V ～ 250V, choice of terminal (sine wave)
Set up current		2.5mA ～ 150mA (Possible to set by 2.5mA step as the sum of current ON in 6 bits DPS)
Accuracy		Set up current±5% (but, ±10% for 2.5mA range)
Over current strength		10A (continuous), 150A(1s)/CT primary current
Operational hysteresis range		Output contact ON beyond set up current (make contact), and recovery at set up current −10%
Output specification		Relay contact output (AC250V/3A、DC30V/3A cosφ=1)
Response time		500ms (0→up to 200% of set up current) (typ)
Operation display		At the time to operate relay, LED lighting on the surface of panel at the same time
Warm up condition		After 1s, and unstable operation of power supply ON/OFF within 1s
Internal current consumption		Less than 15VA
Withstand voltage		AC2000V(50/60Hz), 1min (Power supply terminal−output terminal in a lump)
Insulation resistance		DC500V, ≧5MΩ (power supply terminal−output terminal in a lump)
Applied current sensor		Genuine combination: CTL-6-P-Z、CTL-6-S-Z
		Option: CTU-22-CLF (Operating point to be about 3 times of display value)
Operating temperature		−10℃～ +50℃ , no condensation
Applied wire for terminal	to Power supply	AWG14 ～ 22/single or strand wire
	to Current Sensor	AWG16 ～ 26 ／ single or strand wire
Mass		approximately 70g

[Remark]
(1) Circuit is power supply no isolation system. Don't earth CT terminal
(2) Impossible to use for secondary of inverter
(3) Please attention for rod terminal, because there is the case to be impossible to contact by the shape of terminal.
(4) No function of self-holding

2016.7