UR series Control unit for miniaturized sensors



features

- The unit allows the mouting of miniature pair of sensors suitable for very harsh environments (DG series)
- LED indicators: alignment (stability), operating voltage, alarm and output state
- Operating voltage AC or DC
- Relay output and relay alarm output
- Double timer with indipendent adjustments
- Sensitivity adjustment
- Possibility of mounting on panel

web contents

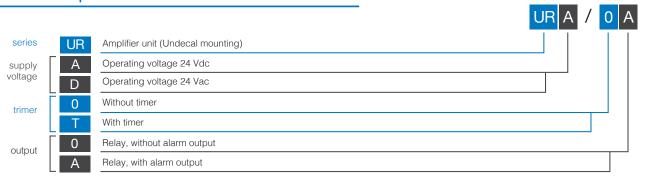


- Application notes
- Photos
- Catalogue / Manuals



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code description

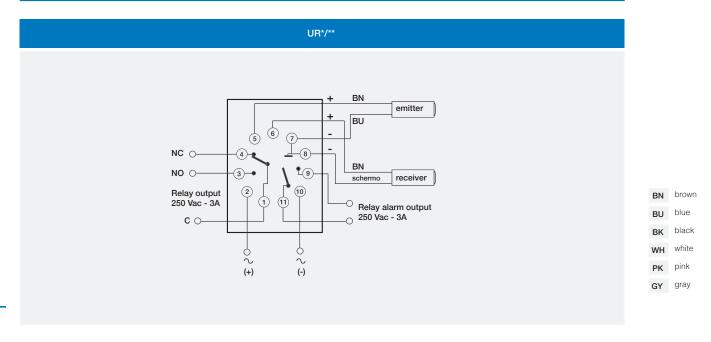


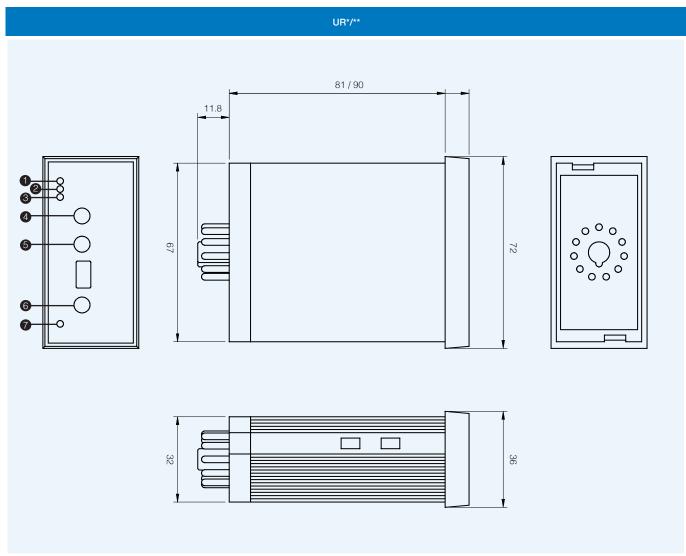
available models

supply voltage	relay without alarm output		relay with alarm output	
	with timer	without timer	with timer	without timer
24 Vdc	URA/T0	URA/00	URA/TA	URA/0A
24 Vac	URD/T0	URD/00	URD/TA	URD/0A

	URA/**	URD/**	
operating voltage	24 Vdc	24 Vac	
frequency	-	5060 Hz	
ripple	≤ 10 %	-	
voltage tolerance	± 20 %	+ 10 % 15 %	
no-load supply current	≤ 100 mA	1,5 VA	
operating output	relè NO + NC		
alarm output	relè NO		
max. output voltage	250 V		
max. output current	3 A (resistive load)		
temperature range	- 10°C+ 50°C (without freeze)		
switching frequency	10 Hz		
electrical life	1.5 x 10 ⁵ operations		
timer functions	3s delay ON and delay OFF selectables with Dip-switch and adjustables separately		
operating time (relay de-energized)	40 ms max		
reset time (relay energized)	40 ms max		
protection degree	IP20 (EN60529)		
EMC	conforming to the EMC directive according with EN 60947-5-2		
LED indicators	green (supply), red (output state), green (stability), red (alarm)		
housing material	Noryl 90 V - 0		
weight (approximate)	110 g		

electrical diagrams of the connections





Holes dimensions for mounting on panel: 68x33 mm. Undecal Socket (STZ3) supplied separately.

Legend:

- 1 Green LED (supply)
- 2 Red LED (alarm)
- 3 Red LED (output state)
- 4 Delay OFF adjustment trimmer
- **5** Delay ON adjustment trimmer
- 6 Sensitivity adjustment trimmer
- Green LED (stability)