



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 independent adjustments
- Sensitivity adjustment
- Possibility of mounting on panel



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- Application notes
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code description

			UR	A	/	0	A
series	UR	Amplifier unit (Undecal mounting)					
supply voltage	A	Operating voltage 24 Vdc					
	D	Operating voltage 24 Vac					
timer	0	Without timer					
	T	With timer					
output	0	Relay, without alarm output					
	A	Relay, with alarm output					

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/OA
24 Vac	URD/T0	URD/00	URD/TA	URD/OA



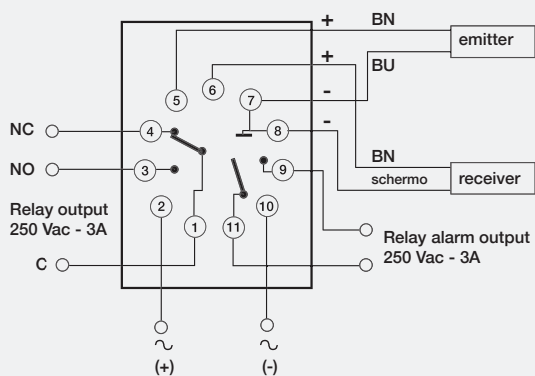
technical specification

Control unit for
miniaturized sensors

	URA/**	URD/**
operating voltage	24 Vdc	24 Vac
frequency	-	50...60 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 selectable 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

UR*/**

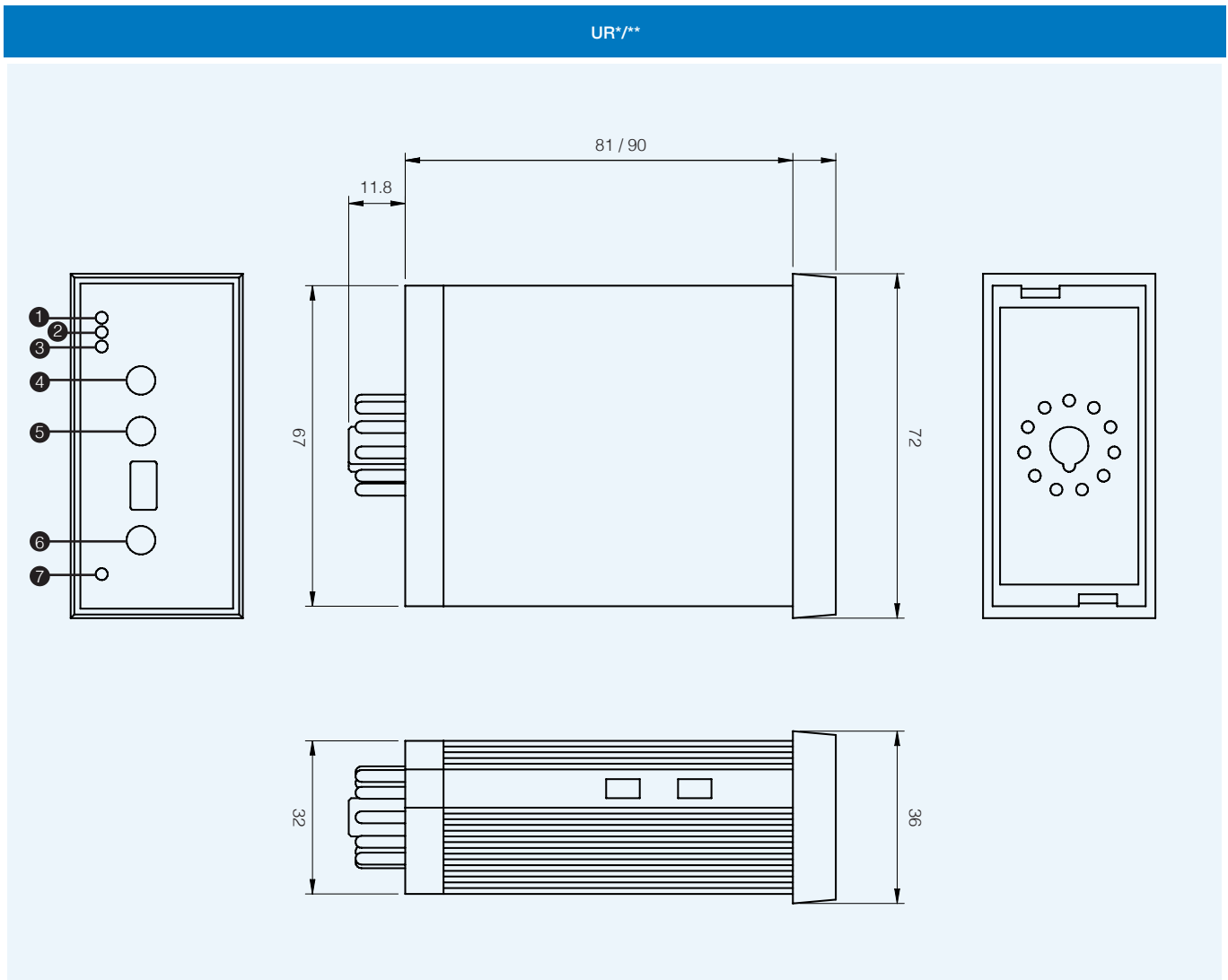


BN brown
BU blue
BK black
WH white
PK pink
GY gray

dimensions (mm)



Control unit for
miniaturized sensors



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
- ⑦ Green LED (stability)