

Features

3 - Phase 400 V

Over & Under voltage monitoring relay

71.31.8.400.1010

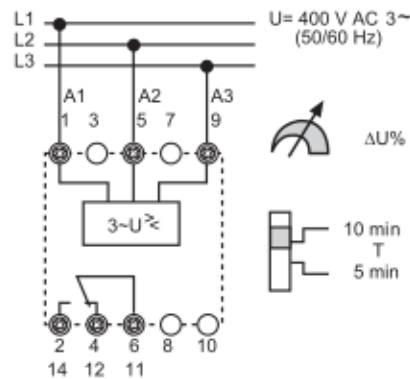
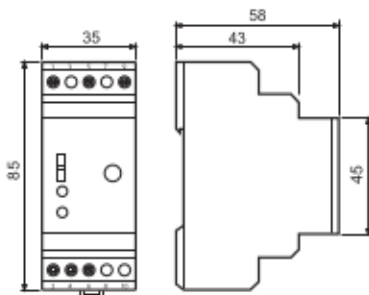
- Adjustable Over & Under voltage detection
- Switch selectable 5 or 10 minute lock-out delay
- 35 mm rail (EN 60715) mounting
- LED indication
- Positive safety logic (healthy conditions - output relay energised)

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- Adjustable - symmetrical Over/Under voltage limits adjustable between $\pm 5\%$ to $\pm 20\%$ U_N
- Switch selectable - 5 min or 10 min delay

- Detects and trips on out-of-limits L-L voltage, and protects against excessive "starts/hour" through "power-on" and "lock-out" time delays.
- Typical applications - protection of compressor motors and high pressure discharge lamp circuitry.



Contact specification

Contact configuration		1 CO (SPDT)
Rated current/Maximum peak current	A	10/15
Rated voltage/Maximum switching voltage V AC		250/400
Rated load AC1	VA	2,500
Rated load AC15 (230 V AC)	VA	500
Single phase motor rating (230 V AC)	kW	0.5
Breaking capacity DC1: 30/110/220 V	A	10/0.3/0.12
Minimum switching load	mW (V/mA)	300 (5/5)
Standard contact material		AgCdO

Supply specification

Nominal voltage (U_N)	V AC (50/60 Hz)	400
	V DC	—
Rated power AC/DC	VA (50 Hz)/W	4/—
Operating range	AC	$(0.8 \dots 1.2)U_N$
	DC	—

Technical data

Electrical life at rated load AC1	cycles	$100 \cdot 10^3$
Detection levels	V (50/60 Hz)	Adjustable ($\pm 5 \dots \pm 20$)% U_N
Switch-on lock-out time/reaction time		(5 or 10)min / < 0.5 s
Fault memory		—
Electrical isolation: Supply to Measuring circuits		None – circuits are electrically common
Ambient temperature range	$^{\circ}\text{C}$	$-20 \dots +55$
Protection category		IP 20

Approvals (according to type)

