

# LTR-400

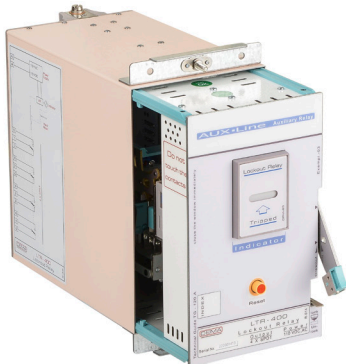
## LOCKOUT RELAY

DEMA proudly presents the users and modern networks a solid alternative for lockout duties with LTR-400; with the state-of-art physical and functional technology for use in LV, MV or HV facilities; and provides the users numerous assembly, commissioning, operating and servicing advantages. It has 4 SPDT (change-over) contacts with the world's fastest. The Opening Time for Normally Closed Contacts is 8 ms and the Closing Time for Normally Open Contacts is 13 ms.



### TECHNICAL SPECIFICATIONS

|  |   |
|--|---|
| Operating time   | 13 ms   |
| Current carrying capacity                              | 10 A  |
| Max. switching current                                 | 10 A  |
| Supply Voltage   | (110) V <sub>AC</sub> / (110) V <sub>DC</sub>                         |
| Operational Supply Voltage Range                       | +%10 U <sub>r-aux</sub> / -%20 U <sub>r-aux</sub>                     |
| Stand-by Power Consumption                             | 0 VA / 0W -No consumption   |
| Max. Power Consumption (Harici cihaz beslemesi hariç.) | 12.7 V·A (104 mA / 110 VAC modeli)<br>11.7 W (96 mA / 110 VDC modeli) |
| Max. Switching Voltage                                 | 250 V <sub>AC</sub> / 250 V <sub>DC</sub>                             |
| Max. Switching Current: 110 VAC, cosφ = 0.4 inductive  | 10 A (on each pole)   |
| Max. Switching Current: 110 VAC, cosφ = 1.0 resistive  | 10 A (on each pole)   |
| Max. Switching Current: 110 VDC, cosφ = 0.4 inductive  | 10 A (on each pole)   |
| Max. Switching Current: 110 VDC, cosφ = 1.0 resistive  | 10 A (on each pole)   |
| Operating temperature                                  | -5°C to +40°C   |
| Storage temperature                                    | -5°C to +70°C   |
| Insulation class                                       | 2KV at 50 Hz  |
| Weight   | 2.3 kg net  |



### APPLICATION AREAS



### SPECIFICATIONS

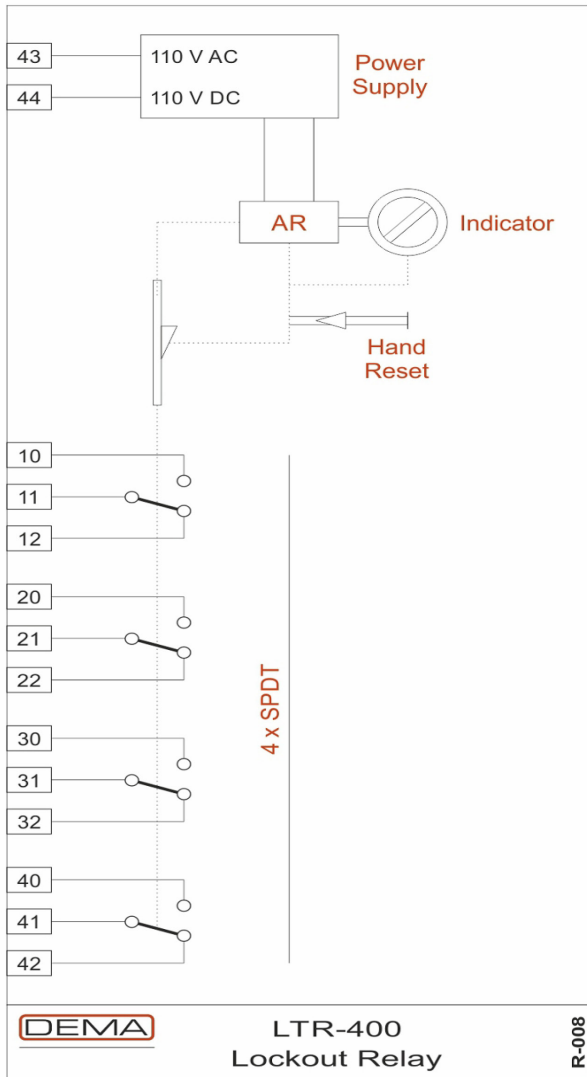
- 110 VAC / 110 VDC Auxiliary supply
- Safe mechanical lockout mechanism with mechanical resetting to ensure secure locking and unlocking of circuit breaker reclose.
- 4 SPDT (single-pole / double-throw) auxiliary contacts.
- Mechanical lockout indicator operating independently from the supply continuity.
- Draw-out system that enables rapid unit replacement.
- Unbreakable protective earth circuit continuity.
- Operation without removing cover with the IP52 button integrated on the cover.
- High precision manufacturing.
- Draw-out system that enables rapid unit replacement.

### CERTIFICATES

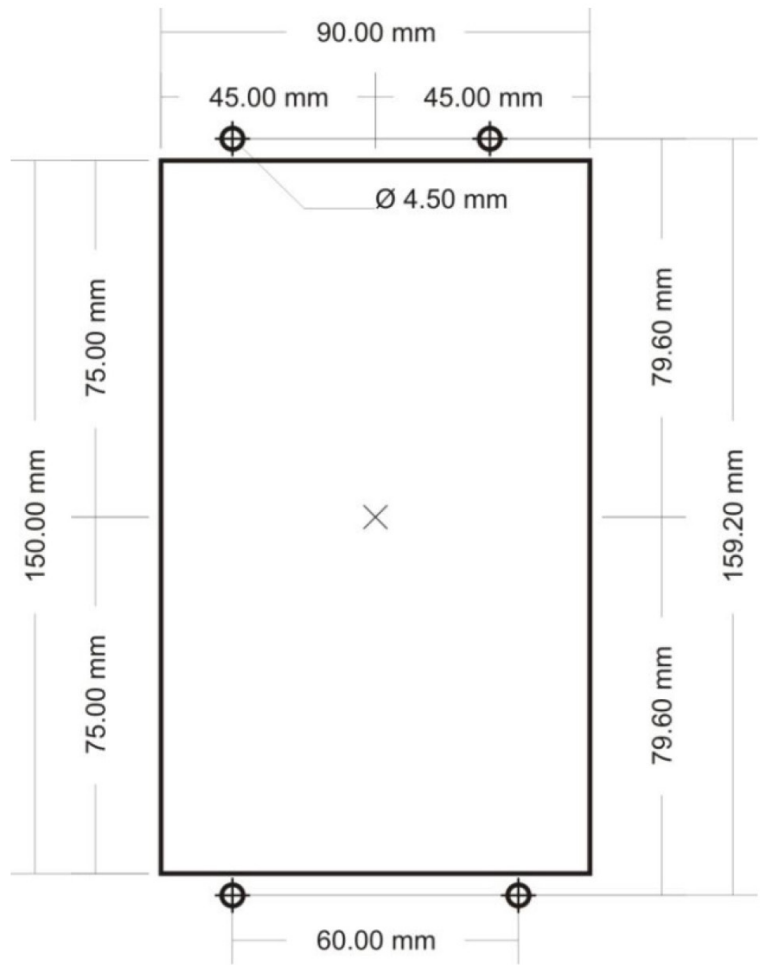


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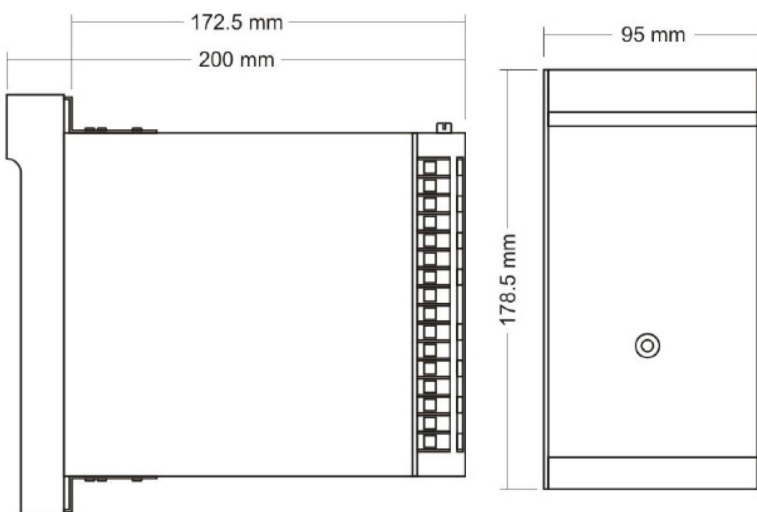
## LTR-400 CIRCUIT DIAGRAM



## PANEL CUTTING DIMENSIONS



## LTR-400 DIMENSIONS



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**DEMA**