PRODUCT SPECIFICATION

12A Hold-off/Change-over Relays

ELD9600.001  5 WAY
ELD9600.002  10 WAY
ELD9600.003  15 WAY
ELD9600.004  20 WAY

These relays can be wired in two ways to provide two operational methods:

**Non-Maintained Output**
The relay monitors the relevant mains lighting circuits (up to 5, 10, 15 or 20 depending on model selected) such that a failure brings on the emergency luminaires automatically in the event of local supply failure, fed from a central power system.

**Switch-Maintained Output**
The relay monitors the relevant mains lighting circuits, and whilst they are healthy, the emergency luminaires are connected to the Switched input for Switched-controlled operation. A failure of the monitored, mains lighting circuits brings on the emergency luminaires automatically in the event of local supply failure, fed from a central power system. An auxiliary input can be used to break any dimming/control signal in emergency.

Refer to product schematic for wiring details.
## Specification

### Electrical

- **Mains Supply Voltage:** 220/230 AC 50/60Hz
- **Maximum Output Current:** 12A (4 Pole Contactor)
- **Cable Terminations:** 2.5mm²
- **Switching Threshold:** 230V 60% to 85% to EN 60598-2-22
- **Local Monitored Inputs:** Up to 5/10/15/20 depending on model
- **Switch Supply Inputs:** 1
- **Auxilliary Connections:**

### Construction

- **Enclosure:** Sheet Steel, powder-coated with gland plate
- **Operating temperature range:** 0-70°C
- **Ingress class:** IP55
- **Dimensions (mm):**
  - 300 x 200 x 120 (ELD9600.001, ELD9600.002)
  - 400 x 300 x 120 (ELD9600.003)
  - 600 x 300 x 120 (ELD9600.004)
- **Weight (kg):**
  - 4.3 (ELD9600.001, ELD9600.002)
  - 6.2 (ELD9600.003)
  - 8.7 (ELD9600.004)

### Standards

- EN 60598-2-22