

## Product No: CT-ERD.12

### ABB RELAY TIMER ON-DELAY ,24 - 240V AC, 1C/O CT-ERD.12

#### FEATURES

- Wide time range selection
- Compatible with DC (24 - 48V) and AC (24 - 240V)
- Reliable SPDT output (250V/6A)
- ON-delay functionality
- Voltage-triggered input



#### General Information

|              |            |
|--------------|------------|
| Brand        | ABB        |
| Product Type | Time Relay |

#### Technical Attributes

|                                          |                                                                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connecting Capacity                      | Flexible 1 x 0.5 - 2.5mm <sup>2</sup><br>Flexible 2 x 0.5 - 1.5mm <sup>2</sup><br>Rigid 1 x 0.5 - 4mm <sup>2</sup><br>Rigid 2 x 0.5 - 1.5mm <sup>2</sup> |
| Outputs                                  | 1 x Change-over (SPDT) Contact                                                                                                                           |
| Oversvoltage Category                    | III                                                                                                                                                      |
| Rated Control Supply Voltage AC (V)      | 24 - 240                                                                                                                                                 |
| Rated Control Supply Voltage DC (V)      | 24 - 48                                                                                                                                                  |
| Rated Frequency (Hz)                     | 50/60                                                                                                                                                    |
| Rated Impulse Withstand Voltage (kV)     | Input Circuit: 4kV                                                                                                                                       |
| Rated Insulation Voltage (V)             | Input/Output Circuit: 300V                                                                                                                               |
| Rated Operational Current AC-12 230V (A) | 6                                                                                                                                                        |
| Rated Operational Current AC-15 230V (A) | 3                                                                                                                                                        |
| Rated Operational Current DC-12 24V (A)  | 6                                                                                                                                                        |
| Rated Operational Current DC-13 24V (A)  | 2                                                                                                                                                        |
| Rated Operational Voltage (V)            | Auxiliary Circuit: 250V                                                                                                                                  |
| Recommended Screwdriver                  | 0.8 x 4, Pozidriv 1                                                                                                                                      |
| Relay Type                               | ON-Delay                                                                                                                                                 |
| Terminal Type                            | Screw                                                                                                                                                    |

|                            |              |
|----------------------------|--------------|
| Tightening Torque (Nm)     | 0.5 - 0.8    |
| Time Ranges                | 0.05s - 100h |
| Wire Stripping Length (mm) | 7            |

#### Physical Attributes

|                                |           |
|--------------------------------|-----------|
| Ambient Temperature Range (°C) | -20 to 60 |
| Storage Temperature Range (°C) | -40 to 85 |

#### Dimensions

|                 |                   |
|-----------------|-------------------|
| Dimensions (mm) | 17.5W x 70H x 63D |
| Weight (kg)     | 0.052             |

#### Protection & Standards

|                         |                                      |
|-------------------------|--------------------------------------|
| Degree of Protection    | Housing: IP50, Terminals: IP20       |
| Pollution Degree        | 3                                    |
| Standards and Approvals | IEC/EN 63000, IEC/EN 61812-1, UL 508 |

#### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|