



Automatización Eléctrica

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#)

General Information

| | |
|------------------------|---|
| Extended Product Type: | CT-ERS.12S |
| Product ID: | 1SVR730100R3100 |
| EAN: | 4016779851459 |
| Catalog Description: | CT-ERS.12S Time relay, ON-delay 1c/o, 24-48VDC, 24-240VAC |
| Long Description: | The CT-ERS.12S is a single-function electronic time relay from the CT-S timer range. It provides an ON-delay (delay on make) function with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 4 A. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals. |

Categories

Products » Low Voltage Products and Systems » Control Products » Electronic Relays and Controls » Time Relays

Ordering

| | |
|-------------------------|---------------|
| EAN: | 4016779851459 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85364900 |

Container Information

| | |
|-------------------------------|----------|
| Package Level 1 Units: | 1 piece |
| Package Level 1 Width: | 97 mm |
| Package Level 1 Length: | 30 mm |
| Package Level 1 Height: | 109 mm |
| Package Level 1 Gross Weight: | 0.128 kg |

Dimensions

| | |
|---------------------|----------|
| Product Net Width: | 22.5 mm |
| Product Net Height: | 85.6 mm |
| Product Net Depth: | 103.7 mm |
| Product Net Weight: | 0.106 kg |

Technical

| | |
|--|---|
| Timer Relay Type: | ON-Delay |
| Time Range: | 0.05 s - 300 h |
| Rated Control Supply Voltage (U _s): | 24 ... 240 V AC 24 ... 48 V DC |
| Rated Frequency (f): | 50 Hz 60 Hz DC Hz |
| Output: | 1 c/o (SPDT) contact |
| Terminal Type: | Screw Terminals |
| Rated Operational Current AC-12 (I _e): | (230 V) 4 A |
| Rated Operational Current AC-15 (I _e): | (230 V) 3 A |
| Rated Operational Current DC-12 (I _e): | (24 V) 4 A |
| Rated Operational Current DC-13 (I _e): | (24 V) 2 A |
| Minimum Switching Capacity: | 12 V 10 mA |
| Rated Impulse Withstand Voltage (U _{imp}): | Input Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV |
| Rated Insulation Voltage (U _i): | Input Circuit / Output Circuit 500 V Output Circuit 1 / Output Circuit 2 300 V |
| Degree of Protection: | Housing IP50 Terminals IP20 |
| Overvoltage Category: | III |
| Pollution Degree: | 3 |
| Short-Circuit Protective Devices: | Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A |
| Electrical Durability: | AC-12 100000 cycle |

| | |
|-------------------------------|--|
| Mechanical Durability: | 30000000 cycle |
| Connecting Capacity: | Flexible with Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Ferrule 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² Flexible 1x 0.5 ... 2.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 2.5 mm ² |
| Tightening Torque: | 0.6 ... 0.8 N·m |
| Wire Stripping Length: | 8 mm |
| Mounting Position: | Any |
| Mounting on DIN Rail: | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Standards: | IEC 61812-1 EN 61812-1 + A11 DIN VDE 0435 part 2021 |

Environmental

| | |
|---------------------------------|---|
| Ambient Air Temperature: | Operation -25 ... +60 °C Storage -40 ... +85 °C |
| RoHS Status: | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

Technical UL/CSA

| | |
|--|--|
| Maximum Operating Voltage UL/CSA: | Output Circuit 300 V AC |
| Contact Rating UL/CSA: | B300 |
| Connecting Capacity UL/CSA: | Flexible 1x 18 ... 14 AWG Flexible 2x 18 ... 16 AWG Rigid 1x 20 ... 12 AWG Rigid 2x 20 ... 14 AWG |
| Tightening Torque UL/CSA: | 7.08 in·lb |

Certificates and Declarations (Document Number)

| | |
|--|--------------------------------|
| CB Certificate: | CB_DK-5903-M1 |
| CCC Certificate: | CCC_2007010303255979_for_1SVR7 |
| cULus Certificate: | cULus508_20110711-E140448A |
| Declaration of Conformity - CE: | 1SAD938502-0201 |
| EAC Certificate: | EAC_RU_C-DE.ME77.B.02016 |
| GL Certificate: | GL_36671-11HH |
| GOST Certificate: | GOST_POCC_DE.AB76.D02256 |
| RMRS Certificate: | RMRS_12.04010.250 |
| RoHS Information: | 1SAA981055-4401 |

Classifications

| | |
|------------------------------------|------------------------|
| Object Classification Code: | K |
| E-number: | 4033115 |
| ETIM 4: | EC001439 - Timer relay |
| ETIM 5: | EC001439 - Timer relay |
| eClass: | 7.0 27371790 |





Automatización Eléctrica
Especialistas en Automatización

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button](#).

| Product | Code | Reference | Product link |
|--|-----------------|------------|----------------------------|
| CT-ERS.12S Time relay, ON-delay 1c/o, 24-48VDC, 24-240VAC | 1SVR730100R3100 | CT-ERS.12S | Buy on EAN |