

## PRODUCT-DETAILS

# CT-MFC.21

## CT-MFC.21 Time relay, Multifunctional 2c/o, 12-240VAC/DC



### Informations générales

|                              |                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension du type de produit | CT-MFC.21                                                                                                                                                                                                                                                                                                                                                                            |
| Code de produit              | 1SVR508020R1100                                                                                                                                                                                                                                                                                                                                                                      |
| EAN                          | 4013614534324                                                                                                                                                                                                                                                                                                                                                                        |
| Description courte           | CT-MFC.21 Time relay, Multifunctional 2c/o, 12-240VAC/DC                                                                                                                                                                                                                                                                                                                             |
| Description longue           | The CT-MFC.21 is a multifunction electronic time relay from the CT-C timer range. It provides 7 timing functions with 7 time ranges from 0.05 s to 100 h. This time relay operates with a rated control supply voltage of 12 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering. |

### Commande

|                  |               |
|------------------|---------------|
| EAN              | 4013614534324 |
| Quantité minimum | 1 pièce       |
| Code douanier    | 85364900      |

### Downloads Préférés

|                                        |                    |
|----------------------------------------|--------------------|
| Fiche produit, informations techniques | 2CDC110004C0210_01 |
|----------------------------------------|--------------------|

|                         |                                    |
|-------------------------|------------------------------------|
| Instructions et manuels | 1SVC500020M1001<br>1SVC500020M0001 |
| CAD Dimensional Drawing | 2CDC001079B0201                    |

## Dimensions

|                      |          |
|----------------------|----------|
| Produit Largeur Net  | 17.5 mm  |
| Produit Hauteur Net  | 80 mm    |
| Produit Longueur Net | 63 mm    |
| Poids net            | 0.066 kg |

## Technique

|                                                     |                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Timer Relay Type                                    | ON-Delay<br>OFF-Delay<br>Impulse ON<br>Impulse OFF<br>Flasher Starting with ON<br>Flasher Starting with OFF<br>Pulse Former |
| Time Range                                          | 0.05 s ... 100 h                                                                                                            |
| Rated Control Supply Voltage ( $U_s$ )              | 12 ... 240 V AC/DC                                                                                                          |
| Tension                                             | Circuit auxiliaire 250 V                                                                                                    |
| Fréquence assignée (f)                              | 50 Hz<br>60 Hz<br>DC                                                                                                        |
| Sortie                                              | 2 c/o (SPDT) contacts                                                                                                       |
| Type de borne                                       | Screw Terminals                                                                                                             |
| Rated Operational Current AC-12 ( $I_e$ )           | (230 V) 4 A                                                                                                                 |
| Courant assignée d'emploi AC-15 ( $I_e$ )           | (230 V) 3 A                                                                                                                 |
| Rated Operational Current DC-12 ( $I_e$ )           | (24 V) 4 A                                                                                                                  |
| Courant assignée d'emploi DC-13 ( $I_e$ )           | (24 V) 1 A                                                                                                                  |
| Minimum Switching Capacity                          | 12 V<br>100 mA                                                                                                              |
| Tension assignée de tenue aux chocs ( $U_{imp}$ )   | Input Circuit 4 kV                                                                                                          |
| Tension assignée d'isolement ( $U_i$ )              | Input Circuit / Output Circuit 300 V<br>Output Circuit 1 / Output Circuit 2 300 V                                           |
| Indice de protection                                | Housing IP50<br>Terminals IP20                                                                                              |
| Catégorie de Surtension                             | III                                                                                                                         |
| Degré de pollution                                  | 3                                                                                                                           |
| Dispositif de protection contre les courts-circuits | Output Circuit NC - F Type Fuses 6 A<br>Output Circuit NO - F Type Fuses 6 A                                                |
| Connecting Capacity                                 | Flexible 1x 0.5 ... 2.5 mm <sup>2</sup><br>Flexible 2x 0.5 ... 1.5 mm <sup>2</sup>                                          |

|                          |                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------|
|                          | Rigid 1x 0.5 ... 4 mm <sup>2</sup><br>Rigid 2x 0.5 ... 1.5 mm <sup>2</sup>                                     |
| Couple de serrage        | 0.5 ... 0.8 N·m                                                                                                |
| Wire Stripping Length    | 7 mm                                                                                                           |
| Recommended Screw Driver | 0.8 x 4<br>Pozidriv 1                                                                                          |
| Type d'encastrement      | 1 ... 6                                                                                                        |
| Montage sur rail DIN     | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Normes et standards      | CAN/CSA C22.2 No.14<br>IEC/EN 63000<br>IEC 61812-1<br>UL 508                                                   |

## Technique UL/CSA

|                                  |                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|
| Maximum Operating Voltage UL/CSA | Output Circuit 300 V AC                                                                    |
| Contact Rating UL/CSA            | (NO:) B300<br>(NC:) C300                                                                   |
| Connecting Capacity UL/CSA       | Flexible 1x 18-14 AWG<br>Flexible 2x 18-16 AWG<br>Rigid 1x 20-12 AWG<br>Rigid 2x 20-16 AWG |
| Tightening Torque UL/CSA         | 4.43 ... 7.08 in·lb                                                                        |
| Pilot Duty UL/CSA                | NC B300<br>NO C300                                                                         |
| Flammability According to UL94   | V-2                                                                                        |

## Environnement

|                                               |                                                    |
|-----------------------------------------------|----------------------------------------------------|
| Température de l'air ambiant                  | Operation -20 ... +60 °C<br>Storage -40 ... +85 °C |
| Altitude de fonctionnement maximale autorisée | Without Derating 2000 m                            |
| REACH Declaration                             | 1SVD981001-4501                                    |
| Informations RoHS                             | 1SVD981068                                         |
| Statut RoHS                                   | Following EU Directive 2011/65/EU                  |

## Valeur Circulaire

|                                        |                 |
|----------------------------------------|-----------------|
| Instructions relatives à la fin de vie | 1SAC200318H0001 |
|----------------------------------------|-----------------|

## Certificats et Déclarations (Numéro de document)

|                   |                        |
|-------------------|------------------------|
| CCC Certificate   | CCC_2019010303150608   |
| CQC Certificate   | CQC2019010303150608    |
| Certificat ecULus | cULus_20031209-E140448 |

|                                     |                   |
|-------------------------------------|-------------------|
| Declaration of Conformity<br>- CCC  | 2020980303000209  |
| Déclaration de Conformité<br>- CE   | 1SVD981068        |
| Declaration of Conformity<br>- UKCA | 1SVD981068-10     |
| DNV GL Certificate                  | DNV_GL_TAA00002TS |

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## Emballage

|                                |               |
|--------------------------------|---------------|
| Emballage Niveau 1<br>Unités   | box 1 pièce   |
| Emballage Niveau 1<br>Largeur  | 89 mm         |
| Emballage Niveau 1<br>Longueur | 20 mm         |
| Emballage Niveau 1<br>Hauteur  | 65 mm         |
| Emballage Niveau 1 Poids       | 0.079 kg      |
| Emballage Niveau 1 EAN         | 4013614534324 |

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## Classifications

|                                   |                        |
|-----------------------------------|------------------------|
| Code de classification<br>d'objet | K                      |
| ETIM 7                            | EC001439 - Timer relay |
| ETIM 8                            | EC001439 - Timer relay |
| ETIM 9                            | EC001439 - Timer relay |
| eClass                            | V11.0 : 27371605       |
| UNSPSC                            | 39122329               |
| E-Number (Finland)                | 2712826                |
| E-Number (Sweden)                 | 4030217                |

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## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Relais temporisés → CT-C

