

PRODUCT-DETAILS

Sentry USR10

Sentry USR10 Safety relay



Informations générales

Extension du type de produit	Sentry USR10
Code de produit	2TLA010070R0000
EAN	7350024483376
Description courte	Sentry USR10 Safety relay

Sentry USR10 Universal safety relay with delayable relay outputs 3NO+1NC, +24 VDC power supply and screw terminals. For monitoring of safety devices with contacts, 1 or 2 equivalent or antivalent channels, safety devices with OSSD outputs, two-hand devices, safety mats and safety edges/bumpers. Timer function 0-999 seconds with a better accuracy than 1%: OFF-delay, ON-delay, Time bypass and Time reset. A display on front facilitates configuration and troubleshooting by displaying error codes and error log. A custom configuration can be protected by password. Manual or automatic reset selectable.

Sentry safety relays cover various types of safety applications up to PLe / SIL3. Basic models provide reliable supervision of simpler safety functions, while universal models provide advanced features and high flexibility. Models with display offer preset configurations and extensive information to further simplify troubleshooting. Additional variants offer a high accuracy timer function of $\pm 1\%$ and an adjustable time setting range from 0-999 s. High output current capacity of up to 6 A can save the use of an intermediary contactor. Multi-reset allows up to 10 safety relays connected to one reset light-button. All models are available with detachable push-in or screw terminals. Terminals and coding kit to mark removed terminals are available as accessories.

Commande

Quantité minimum	1 pièce
Code douanier	85364900
Groupe de produit	USR
Type de produit	Safety relay
Fonction	Safety relay for monitoring of safety devices
Sub-Function	Start/test input, configurable Manual/Auto reset and Timer, Display (error indication and error log)
Fonctions spéciales	Configurable (manual/auto reset, type of input, timer type, time) with display (error indication and error log)

Downloads Préférés

Fiche produit, informations techniques	2TLC010037L0201
Instructions et manuels	2TLC010072M0201
Schéma dimensionnel	2TLC010001U0201
Wiring Diagram	2TLC010016T0001
CAD Dimensional Drawing	2CDC001079B0201
Marketing Video	2TLC010019N0201 2TLC010018N0201

Dimensions

Produit Longueur Net	120 mm
Produit Hauteur Net	120 mm
Produit Largeur Net	22.5 mm
Poids net	0.229 kg

Safety Information

Agence de certification	cULus TÜV SÜD CE CCC RCM S UKCA KC
Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	3

Technique

Nombre de sorties	Failsafe (Relay) 4
Rated Control Supply Voltage (U _s)	24 V DC
Time Range	0 ... 999 seconds

Environnement

Température de l'air ambiant	Operation -25 ... +65 °C Storage -40 ... +70 °C
Indice de protection	IP20
	10% ... 90%; no icing; occasional condensation

Informations RoHS

2CMT2022-006499

Statut RoHS

Following EU Directive 2011/65/EU

Certificats et Déclarations (Numéro de document)

CQC Certificate	CQC2017010303977544
Certificat cUL	2TLC010006D0201
Certificat ecULus	2TLC010007D0201
Declaration of Conformity - CCC	2020980303000244
Déclaration de Conformité - CE	2TLC010010D0201
Declaration of Conformity - UKCA	2TLC010190D0201
KC Certificate	2TLC010048D0201
Certificat TÜV	2TLC010008D0201

Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	125 mm
Emballage Niveau 1 Longueur	31 mm
Emballage Niveau 1 Hauteur	129 mm
Emballage Niveau 1 Poids	0.29 kg
Emballage Niveau 1 EAN	7350024483376

Classifications

eClass	V11.0 : 27371819
ETIM 7	EC001449 - Device for monitoring of safety-related circuits
ETIM 8	EC001449 - Device for monitoring of safety-related circuits
ETIM 9	EC001449 - Device for monitoring of safety-related circuits
Code de catégorie granulaire IDEA (IGCC)	5367 >> Control relay
UNSPSC	39122331
Code de classification d'objet	K
E-Number (Finland)	2712531
E-Number (Sweden)	3860828

Accessories

Identifieur	Description	Type	Quantity	Unit Of Measure
2TLA010099R0000	Sentry S30A Terminal block	Sentry S30A	1	piece
2TLA010099R0100	Sentry S30B Coding kit	Sentry S30B	1	piece
2TLA010099R0001	Sentry S30C Terminal block	Sentry S30C	1	piece

Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Produits pour la sécurité → Relais de sécurité → Safety Timers

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Produits pour la sécurité → Relais de sécurité → Universal Safety Relays

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Relais de sécurité → Safety Timers

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Relais électroniques → Relais de sécurité → Universal Safety Relays

