

PRODUCT-DETAILS

Sentry TSR20M

Sentry TSR20M Safety relay



Informations générales

Extension du type de produit	Sentry TSR20M
Code de produit	2TLA010061R0100
EAN	7350024483369
Description courte	Sentry TSR20M Safety relay

Description longue	<p>Sentry TSR20M Safety relay with delayed relay outputs 3NO+1NC, 85-265 VAC/120-375 VDC power supply and screw terminals. For monitoring of safety devices with contacts, 2 equivalent channels. OFF-delay time (0,5s or 1,5s) selectable by switch on the front.</p> <p>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.</p>
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Commande

EAN	7350024483369
Quantité minimum	1 pièce
Code douanier	85364900

Downloads Préférés

Fiche produit, informations techniques	2TLC010037L0201
Instructions et manuels	2TLC010071M0201
CAD Dimensional Drawing	2CDC001079B0201
Schéma dimensionnel	2TLC010001U0201
Wiring Diagram	2TLC010015T0001
Marketing Video	2TLC010019N0201 2TLC010018N0201

Dimensions

Produit Largeur Net	22.5 mm
Produit Hauteur Net	120 mm
Produit Longueur Net	120 mm
Poids net	0.214 kg

Technique

Fonction	Safety relay for monitoring of safety devices
Sub-Function	Start/test input, Auto reset only, Time delay selectable by switch
Timer Relay Type	OFF-Delay
Time Range	0.5 and 1.5 seconds
Rated Control Supply Voltage (U _s)	120 ... 375 V DC 85 ... 265 V AC
Indice de protection	IP20
Connecting Capacity	Crimped Pin 1x0.2...3.3 mm ² Crimped Pin 2x0.2...1.5 mm ² Flexible with Ferrule 1x0.2...3.3 mm ² Flexible with Ferrule 2x0.2...1.5 mm ² Solid 1x0.2...3.3 mm ² Solid 2x0.2...1.5 mm ²
Couple de serrage	0.7 N·m
Wire Stripping Length	6.5 mm
Recommended Screw Driver	M3.5
Montage sur rail DIN	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
Normes et standards	ISO 13849

Technique UL/CSA

Connecting Capacity UL/CSA	Crimped Pin 1x 24-12 AWG Crimped Pin 2x 24-16 AWG Flexible with Ferrule 1x 24-12 AWG Flexible with Ferrule 2x 24-16 AWG Solid 1x 24-12 AWG Solid 2x 24-16 AWG
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Environnement

Température de l'air ambiant	Operation -25 ... +65 °C Storage -40 ... +70 °C
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	0.275 kg
Emballage Niveau 1 EAN	7350024483369
Emballage Niveau 2 Unités	36 pièce
Emballage Niveau 2 Largeur	280 mm
Emballage Niveau 2 Longueur	395 mm
Emballage Niveau 2 Hauteur	210 mm
Emballage Niveau 2 Poids	10.2 kg

Classifications

Code de classification d'objet	K
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
eClass	V11.0 : 27371819
UNSPSC	39122331
E-Number (Finland)	2712530
E-Number (Sweden)	3860827

Accessories

Identifiant	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 → Expansion Relays

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

