



PRODUCT-DETAILS

Sentry SSR10M

Sentry SSR10M Safety relay



General Information

Extended Product Type	Sentry SSR10M
Product ID	2TLA010050R0100
EAN	7350024483291
Catalog Description	Sentry SSR10M Safety relay

Long Description

Sentry SSR10M Safety relay with relay outputs 3NO+1NC, 85-265 VAC/120-375 VDC supply voltage and screw terminals.
For monitoring of safety devices with contacts, 2 equivalent channels.
Manual or automatic reset selectable by switch on front.

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.

Ordering

EAN	7350024483291
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2TLC010037L0201
Instructions and Manuals	2TLC010064M0201
CAD Dimensional Drawing	2CDC001079B0201
Dimension Diagram	2TLC010001U0201
Wiring Diagram	2TLC010008T0001
Marketing Video	2TLC010019N0201 2TLC010018N0201

Dimensions

Product Net Width	22.5 mm
Product Net Height	120 mm
Product Net Depth / Length	120 mm
Product Net Weight	0.214 kg

Technical

Function	Safety relay for monitoring of safety devices
Sub-Function	Start/test input, Manual/Auto reset selectable by switch
Timer Relay Type	No Time Delay
Rated Control Supply Voltage (U _s)	120 ... 375 V DC 85 ... 265 V AC
Rated Operational Current AC-15 (I _θ)	5 A
Rated Operational Current DC-13 (I _θ)	6 A
Degree of Protection	IP20
Connecting Capacity	Crimped Pin 1x0.2...3.3 mm² Crimped Pin 2x0.2...1.5 mm² Flexible with Ferrule 1x0.2...3.3 mm² Flexible with Ferrule 2x0.2...1.5 mm² Solid 1x0.2...3.3 mm² Solid 2x0.2...1.5 mm²
Tightening Torque	0.7 N·m
Wire Stripping Length	6.5 mm
Recommended Screw Driver	M3.5
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	ISO 13849

Technical 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
----------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Environmental		
Ambient Air Temperature		Operation -25 ... +65 °C Storage -40 ... +70 °C

Material Compliance		
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
REACH Declaration		2CMT2022-006480
RoHS Information		2CMT2022-006499
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
Toxic Substances Control Act - TSCA		2CMT2023-006522

Certificates and Declarations		
CQC Certificate		CQC2017010303977544
cUL Certificate		2TLC010006D0201
cULus Certificate		2TLC010007D0201
Declaration of Conformity - CCC		2020980303000244
Declaration of Conformity - CE		2TLC010010D0201
Declaration of Conformity - UKCA		2TLC010190D0201
KC Certificate		2TLC010048D0201
TÜV Certificate		2TLC010008D0201

Container Information		
Package Level 1 Units		box 1 piece
Package Level 1 Width		125 mm
Package Level 1 Depth / Length		31 mm
Package Level 1 Height		129 mm
Package Level 1 Gross Weight		0.275 kg
Package Level 1 EAN		7350024483291
Package Level 2 Units		36 piece
Package Level 2 Width		280 mm
Package Level 2 Depth / Length		395 mm
Package Level 2 Height		210 mm
Package Level 2 Gross Weight		10.2 kg

Classifications		
Object Classification Code		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)		2712523
E-Number (Sweden)		3860820

Accessories

Identifier	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

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Safety Relays → Single Function Safety Relays

Low Voltage Products and Systems → Control Products → Safety Products → Safety Relays → Single Function Safety Relays

