



 PRODUCT-DETAILS

Sentry SSR10

Sentry SSR10 Safety relay



General Information

Extended Product Type:	Sentry SSR10
Product ID:	2TLA010050R0000
EAN:	7350024483284
Catalog Description:	Sentry SSR10 Safety relay
Long Description:	<p>Sentry SSR10 Safety relay with relay outputs 3NO+1NC, +24 VDC supply voltage and screw terminals.</p> <p>For monitoring of safety devices with contacts, 1 or 2 equivalent channels, and safety devices with OSSD outputs.</p> <p>Manual or automatic reset selectable by switch on 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.</p> <p>Additional variants offer a high accuracy timer function of $\pm 1\%$ and an adjustable time setting range from 0-999 s.</p> <p>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>
Display Name:	Sentry SSR10

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364190
Product Main Type:	SSR
Product Name:	Safety relay
Function:	Safety relay for monitoring of safety devices
Sub-Function:	Start/test input, Manual/Auto reset selectable by switch
Special Functions:	Manual/Auto reset selectable by switch

Popular Downloads

Data Sheet, Technical Information:	2TLC010037L0201
CAD Dimensional Drawing:	2CDC001079B0201
EPLAN Data:	9AAC188686_EPLAN
Marketing Video:	2TLC010019N0201 2TLC010018N0201

Installation

Instructions and Manuals:	2TLC010063M0201
Wiring Diagram:	2TLC010007T0001

Dimensions

Product Net Depth / Length:	120 mm
Product Net Height:	120 mm
Product Net Width:	22.5 mm
Product Net Weight:	0.207 kg
Dimension Diagram:	2TLC010001U0201

Safety Information

Certification Agency:	cULus TÜV SÜD CE CCC RCM S UKCA KC
Performance Level (PL):	Up to e
Safety Integrity Level (SIL):	3

Technical

Number of Outputs:	Failsafe (Relay) 4
Rated Control Supply Voltage (U_s):	24 V DC

Environmental

Ambient Air Temperature:	Operation -25 ... +65 °C Storage -40 ... +70 °C
Degree of Protection:	IP20
Operating Humidity (RH_{amb}):	10% ... 90%; no icing; occasional condensation

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
REACH Declaration:	2CMT2022-006480
RoHS Declaration:	2CMT2022-006499
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP:	99bff014-46f3-4587-85f6-3b169f78cf4e Germany
Simplified SCIP:	08a268d2-b010-4545-916d-1d7a18eea0db France 09d98f31-1461-4b7d-977f-4f721ce303df Italy 0e70c131-1880-46da-82b7-c2087979226e Norway 1577b90c-66ba-4431-ab99-2fba12543b4a France 15f49f16-9c66-4f41-a305-2d6ad26e1136 Netherlands 1fb94612-43fd-4aba-9656-2b4fc118fe5b Greece 248bad21-f891-410a-a07f-fdc5c578115a Croatia 26bc917c-99be-4d67-b767-6b948dfd585d Belgium 2a343885-7bd1-4064-94cd-4f0c9b64d8ff Germany 2b4b778c-697a-43cd-ae81-a4620061f74a Poland 3b42094c-4f37-4c4e-a888-9e3b1858662f Hungary 4d6ed1c0-dc9e-43a5-bbe4-3a4248172fbd Germany 56f258b5-69fd-4d50-82d3-5ed0baf7baf6 Czech Republic 63f78128-f11a-4294-8f0d-4b06657eedb8 Belgium 6ec6ccce-35a3-45c2-9553-6bdf01cf6cbc Denmark 7b9b0d55-a5f2-48aa-b210-c4ac0b3d8e1a Poland 7dd3de0e-c7ae-42f7-827c-efef091d1f4f Estonia 8434adf8-2c05-4524-b2e4-d69973c0274f Poland 911c5354-02db-485f-af90-b20fd5d61016 Sweden 94f35333-e521-40c4-8142-b557c46eeedf Bulgaria b0341990-0296-4ec1-b1e0-8683da39a5da Germany c4c04081-9868-4695-b8a7-1398911430e7 Sweden c725ddac-4a00-4bd4-b37d-f9f9f09de687 Finland ea1020f5-b086-4b59-b17f-8e8ff2fb5aa0 Portugal f2d5daa3-19d4-430a-afd6-be94d21d07b2 Spain f5917d7d-5187-43d4-ba51-0b2db5acab4f Germany fd28a49e-fba8-407a-88b6-105a0645ed49 Hungary
Toxic Substances Control Act - TSCA:	2CMT2023-006522
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

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:	0.268 kg
Package Level 1 EAN:	7350024483284

External Classifications and Standards

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
IDEA Granular Category Code (IGCC):	5367 >> Control relay
UNSPSC:	39122331
Object Classification Code:	K
E-Number (Finland):	2712522
E-Number (Sweden):	3860819

Accessories

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

Categories

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

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