



 PRODUCT-DETAILS

Sentry SSR20

Sentry SSR20 Safety relay



General Information

Extended Product Type:	Sentry SSR20
Product ID:	2TLA010051R0000
EAN:	7350024483307
Catalog Description:	Sentry SSR20 Safety relay
Long Description:	<p>Sentry SSR20 Safety relay with relay outputs 3NO+1NC, +24 VDC supply voltage and screw terminals. For monitoring of two-hand devices. 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. 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>
Display Name:	Sentry SSR20

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900
Product Main Type:	SSR
Product Name:	Safety relay
Function:	Safety relay for monitoring of two-hand 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:	2TLC010065M0201
Wiring Diagram:	2TLC010009T0001

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:	CE TÜV SÜD cULus CCC RCM S KC UKCA
Safety Category:	4
Performance Level (PL):	Up to e
Safety Integrity Level (SIL):	3

Technical

Number of Outputs:	Failsafe (Transistor) 0 Failsafe (Relay) 3
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}):	No Icing, Occasional Condensation 10 ... 90 %

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:	8b69a476-0bc0-4780-94de-108d30a6e9f7 Germany
Simplified SCIP:	032b46da-a0a5-4578-8c61-c66ac977a5b3 Sweden 0c2162c6-c83b-4bdf-bdfb-be38a374e867 Germany 19fe2671-4d18-42a8-a6c5-210061335871 Spain 2625e279-a87d-4157-88a3-3bd830ad08c8 Poland 2c148ff6-6547-4d0f-98b0-d5535bdcf60a Bulgaria 3a7d138c-852e-47eb-a9ca-8cd2f4409f8f Finland 4bc60dae-44a7-4cb8-a868-972b2a1d3246 Hungary 53e831e9-a73a-44f1-b49e-3997705961b4 Estonia 5da564d2-095e-45ae-b1f5-db58ebc2ac57 France 604645a9-da16-4996-a0ac-7f98f8edf093 Sweden 645ffa52-6619-4bd0-af48-e789af40eca4 Poland 6fdd9e63-7a99-4c17-b015-8f9323cd719b Italy 710c934d-a50c-438b-b808-9977266541e8 Poland 7168d5fa-4bfb-4815-9f92-601f011e1ca0 France 79a09391-7604-4597-823a-04e91b236d11 Belgium 7c16d804-73ed-4d76-8f1b-e9e7be49b6d9 Croatia 7e1e7d28-5a0c-409b-ba1c-617c18906e08 Belgium 7eedd9ad-2352-4616-bae2-1ba619474fd5 Germany 81d9930a-a388-4fef-8298-ced7a34c8e62 Germany 871f688d-19eb-427e-8be8-507fb47921e3 Hungary 9a0f92e4-4e73-45d5-aea3-188408e8705c Denmark bafde2a2-9d65-4012-bd1d-5957a76ca04c Netherlands c4bdf558-af6f-4218-bf48-ceec086af026 Greece ca2cbc40-a3b9-42b9-a2c2-963eaedab097 Norway ebef45fb-ddff-4063-bce1-ff63b719be8e Germany ed734152-1470-4846-b74e-88ad789a9d16 Czechia fa57c2ff-dbc6-46f8-b71e-046927025d23 Portugal
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
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:	7350024483307

External Classifications and Standards

eClass:	V11.0 : 27371821
ETIM 7:	EC001452 - Two-hand control relay
ETIM 8:	EC001452 - Two-hand control relay
ETIM 9:	EC001452 - Two-hand control relay
IDEA Granular Category Code (IGCC):	5367 >> Control relay
UNSPSC:	39122331
Object Classification Code:	K
E-Number (Finland):	2712524
E-Number (Sweden):	3860821

Accessories

Identifier	Description	Type	Qty	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

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

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