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 PRODUCT-DETAILS

# Sentry BSR11

## Sentry BSR11 Safety relay




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### General Information

<b>Extended Product Type:</b>	Sentry BSR11
<b>Product ID:</b>	2TLA010040R0200
<b>EAN:</b>	7350024483260
<b>Catalog Description:</b>	Sentry BSR11 Safety relay
<b>Long Description:</b>	<p>Sentry BSR11 Safety relay and expansion relay with relay outputs 4NO, +24 VDC supply voltage and screw terminals. For monitoring of safety devices, such as emergency stops, directly in the voltage supply circuit of the relay. Also suitable as expansion relay for a safety relay/safety PLC, in order to increase the number of safe outputs.</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 <math>\pm 1\%</math> 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>
<b>Display Name:</b>	Sentry BSR11

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## Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900
<b>Product Main Type:</b>	BSR
<b>Product Name:</b>	Safety relay
<b>Function:</b>	Expansion relay - No monitoring of two channel fault
<b>Sub-Function:</b>	Start/test input
<b>Special Functions:</b>	Can be used for expansion of Pluto -24VDC outputs. Not monitoring of 2 channel fault. Start/test input.

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## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2TLC010037L0201
<b>CAD Dimensional Drawing:</b>	2CDC001079B0201
<b>EPLAN Data:</b>	9AAC188683_EPLAN
<b>Marketing Video:</b>	2TLC010019N0201 2TLC010018N0201

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## Installation

<b>Instructions and Manuals:</b>	2TLC010061M0201
<b>Wiring Diagram:</b>	2TLC010005T0001

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## Dimensions

<b>Product Net Depth / Length:</b>	120 mm
<b>Product Net Height:</b>	120 mm
<b>Product Net Width:</b>	22.5 mm
<b>Product Net Weight:</b>	0.19 kg
<b>Dimension Diagram:</b>	2TLC010001U0201

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## Safety Information

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

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## Technical

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**Number of Outputs:** Failsafe (Relay) 4

**Rated Control Supply Voltage (U<sub>s</sub>):** 24 V DC

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## Environmental

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**Ambient Air Temperature:** Operation -25 ... +55 °C  
Storage -40 ... +70 °C

**Degree of Protection:** IP20

**Operating Humidity (RH<sub>amb</sub>):** No Icing, Occasional Condensation 10 ... 90 %

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## Material Compliance

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**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:** ae2df760-066e-4b46-a583-7621f7e893a5 Germany

**Simplified SCIP:** 043d73a4-290d-4b22-b31c-73cac8f9af37 Finland  
0e720121-53ad-4c16-88be-ae620eae80e3 Germany  
120afa8b-4ba5-41c8-88be-901bd925649a Netherlands  
13cdadfb-3d44-4bd9-80e8-ce1359946a5c Belgium  
44a88a0c-8fca-4c10-a56e-c9ada23fd4dd Czechia  
4c69cd55-b214-4645-8089-71ae29030264 Italy  
4cf6e8e4-90c5-480e-a8f3-7ffd32f6ebc2 France  
5d5b4824-36d9-4d2a-b392-3adc5e0180a4 France  
60ed61d4-817e-462a-9d12-ee0f3f828205 Poland  
689ba42e-1970-49b3-825a-4f99d64a7ecb Sweden  
6a3c9c8f-7ddb-4c9f-93cf-7437f4760281 Belgium  
730514bd-e277-421e-9f6f-cd634030f189 Denmark  
7f59716f-61c5-4610-8813-48fa3621818b Poland  
8b58cf2d-a9b9-4973-af05-88d10dcb9f85 Estonia  
96e9aaba-d4ea-47f8-85a0-9f41a8ee2c38 Hungary  
99728ce6-e3f7-4e2d-8644-4ae3d1452da8 Spain  
9c39433b-7964-4179-8b4a-ce30e4516862 Greece  
a28da7ed-8e45-43e9-8891-11ae3152c4fd Sweden  
b3e1ae00-c3c1-4a53-bc96-24056041894e Poland  
b87c5d65-bcae-4c1d-b4c2-ac6631f91375 Germany  
c9707fba-2e03-4065-8586-aa15649ecd93 Norway  
cd0d4436-0efc-4ec1-9701-d9bce919a9f0 Portugal  
d50e8037-d1c6-40ab-bc6a-a3d1da723aac Hungary  
e95335aa-9aae-4fd5-9cd2-d408f99b1b26 Bulgaria  
ebba5cc8-080a-4a3a-be64-b7344c53f787 Croatia  
f6517618-07cb-4127-997c-20887853dc5c Germany  
fade2586-8880-466b-a32f-84a8ba9c1b93 Germany

**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)

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## 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:	0.251 kg
Package Level 1 EAN:	7350024483260

## 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):	2712520
E-Number (Sweden):	3860817

## 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 > Expansion Relays

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