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 PRODUCT-DETAILS

# Sentry BSR23

## Sentry BSR23 Safety relay




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### General Information

<b>Extended Product Type:</b>	Sentry BSR23
<b>Product ID:</b>	2TLA010041R0600
<b>EAN:</b>	7350024483277
<b>Catalog Description:</b>	Sentry BSR23 Safety relay
<b>Long Description:</b>	<p>Sentry BSR23 Safety expansion relay with relay outputs 4NO+1NC, +24 VDC supply voltage and screw terminals. Used 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 BSR23

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## Ordering

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<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 - must be monitored by another device for higher than PL c
<b>Sub-Function:</b>	Start/test input
<b>Special Functions:</b>	Can be used for expansion of Pluto -24VDC outputs. Must be monitored by another device in order to reach higher than cat 1/PL c.

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## Popular Downloads

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<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

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<b>Instructions and Manuals:</b>	2TLC010062M0201
<b>Wiring Diagram:</b>	2TLC010006T0001

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## Dimensions

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<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>	0.195 kg
<b>Dimension Diagram:</b>	2TLC010001U0201

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## Safety Information

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<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

<b>Number of Outputs:</b>	Failsafe (Relay) 5
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	24 V DC

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Degree of Protection:</b>	IP20
<b>Operating Humidity (RH<sub>amb</sub>):</b>	No Icing, Occasional Condensation 10 ... 90 %

## Material Compliance

<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>REACH Declaration:</b>	2CMT2022-006480
<b>RoHS Declaration:</b>	2CMT2022-006499
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>SCIP:</b>	dbff79b0-0c03-4d67-89c0-939662aa18cc Germany
<b>Simplified SCIP:</b>	03ab535e-d66c-4357-a731-c02dec0d93fe Germany 17c5d0f5-e61a-4a24-8ae1-3b13266591ba Denmark 195e3592-670a-43d0-8480-c5be4ee7ee53 Sweden 235be2f0-74be-47ab-a19c-452bdba40b6d Netherlands 2a2a66a1-8164-4f06-80c9-5e6fbefe9c31 Portugal 2a823ca9-f5d2-4aea-ae4f-afb2607e0a1b Finland 434499a1-3d5a-4657-8113-e918b39b84cd Germany 43c3e69b-276a-4872-8120-fd77430bb832 Germany 4cd1752a-2fd7-4b3c-8c34-d58f5bbe7210 Poland 4f1ff78c-8053-4764-b6a2-8f43026a5753 Norway 53e34922-79f9-4bf1-a4f5-423e23d3ee7b Czechia 55e2d8ff-9f30-4df9-834b-0acc6a8fc253 Hungary 5a272a2c-7f46-4967-a939-ce999f5a5b9d France 5f8e561b-4c81-403d-995a-245fa6bfe9b3 Spain 6c1c4bb3-3792-4960-b655-fa36018267ac Belgium 8853cab7-6409-4bbf-936f-6ccb7153921c France 8a383085-d258-40ce-9a93-d6273dfcec0e Bulgaria afcdf803-d3c6-4531-8741-7e5a51f863b7 Italy b7dba820-6f4c-4fbc-91f9-51b1312af866 Belgium bb90b21b-2002-49a0-9c2a-217caca4e045 Croatia c979ea17-cfe5-4729-be04-4745dfdcf049 Greece d744e700-fe66-4281-a603-20f00f7589dc Sweden dc0089e0-eafe-4820-9bec-7c2a7544a1d0 Hungary e3374a8c-cf55-445d-a532-2a74bc76680b Estonia eb570d83-1337-4bc4-abd5-a46f24f9e126 Germany f39388ae-9587-4f4d-8932-6d807fe10c2a Poland f467a1c7-41c7-4457-b1c5-0cc4fbedda2f Poland
<b>Toxic Substances Control Act - TSCA:</b>	2CMT2023-006522
<b>WEEE B2C / B2B:</b>	Business To Business
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)

## Certificates and Declarations

<b>CQC Certificate:</b>	CQC2017010303977544
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<b>cUL Certificate:</b>	2TLC010006D0201
<b>cULus Certificate:</b>	2TLC010007D0201
<b>Declaration of Conformity - CCC:</b>	2020980303000244
<b>Declaration of Conformity - CE:</b>	2TLC010010D0201
<b>Declaration of Conformity - UKCA:</b>	2TLC010190D0201
<b>TÜV Certificate:</b>	2TLC010008D0201

## Container Information

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	125 mm
<b>Package Level 1 Depth / Length:</b>	31 mm
<b>Package Level 1 Height:</b>	129 mm
<b>Package Level 1 Gross Weight:</b>	0.256 kg
<b>Package Level 1 EAN:</b>	7350024483277

## External Classifications and Standards

<b>eClass:</b>	V11.0 : 27371819
<b>ETIM 7:</b>	EC001449 - Device for monitoring of safety-related circuits
<b>ETIM 8:</b>	EC001449 - Device for monitoring of safety-related circuits
<b>ETIM 9:</b>	EC001449 - Device for monitoring of safety-related circuits
<b>IDEA Granular Category Code (IGCC):</b>	5367 >> Control relay
<b>UNSPSC:</b>	39122331
<b>Object Classification Code:</b>	K
<b>E-Number (Finland):</b>	2712521
<b>E-Number (Sweden):</b>	3860818

## 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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