PRODUCT-DETAILS

Sentry BSR11

Sentry BSR11 Safety relay



General Information

Extended Product Type	Sentry BSR11
Product ID	2TLA010040R0200
EAN	7350024483260
Catalog Description	Sentry BSR11 Safety relay
Long Description	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. 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 ± 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	7350024483260
Minimum Order Quantity	1 piece

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Subject to change without notice

Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2TLC010037L0201
Instructions and Manuals	2TLC010061M0201
CAD Dimensional Drawing	2CDC001079B0201
Dimension Diagram	2TLC010001U0201
Wiring Diagram	2TLC010005T0001
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	0.19 kg

Technical

Function	Expansion relay - No monitoring of two channel fault
Sub-Function	Start/test input
Timer Relay Type	No Time Delay
Rated Control Supply Voltage (U_s)	24 V DC
Rated Operational Current AC-15 (I_e)	5 A
Rated Operational Current DC-13 (I_e)	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	IS0 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

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	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	0.251 kg
Package Level 1 EAN	7350024483260
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	9.3 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)	2712520
E-Number (Sweden)	3860817

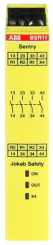
Accessories

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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 → Expansion Relays
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