Product data sheet
Characteristics

SR2D101FU
Compact smart relay, Zelio Logic, 10 I/O, 100...240 V AC, no clock, no display

Product availability : Stock - Normally stocked in distribution facility

Green Premium™

Price* : 218.00 USD



Main

Range of product	Zelio Logic
Product or Component Type	Compact smart relay

Complementary

Local display	Without
Cycle time	6…90 ms
Checks	Program memory on each power up
Supply voltage limits	85…264 V
Supply frequency	50/60 Hz
Isolation voltage	1780 V
Protection Type	Against inversion of terminals (control instructions not executed)
Discrete input current	0.6 mA
Discrete input frequency	47...53 Hz 57...63 Hz
Clock	Without
Tightening torque	4.43 lbf.in (0.5 N.m)
Product Weight	0.49 lb(US) (0.22 kg)

Environment

Product Certifications	GOST C-tick UL GL CSA
Standards	EN/IEC 60068-2-27 Ea EN/IEC 60068-2-6 Fc EN/IEC 61000-4-12

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	EN/IEC 61000-4-4 level 3 EN/IEC 61000-4-5 EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-11 EN/IEC 61000-4-3 EN/IEC 61000-4-6 level 3
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Operating altitude	6561.68 ft (2000 m)
Maximum altitude transport	10000.00 ft (3048 m)

Ordering and shipping details

Category	22378 - SR2,3 ZELIO 2 RELAYS
Discount Schedule	I
GTIN	3389110549775
Nbr. of units in pkg.	1
Package weight(Lbs)	7.19 oz (203.9 g)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.68 in (6.8 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	3.94 in (10 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Weight	14.85 lb(US) (6.734 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

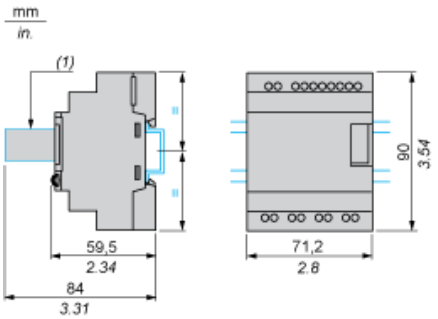
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes

Contractual warranty

Warranty	18 months

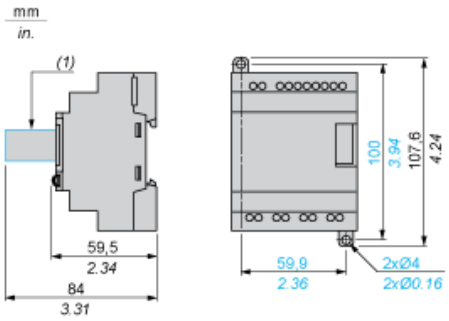
Compact and Modular Smart Relays

Mounting on 35 mm/1.38 in. DIN Rail



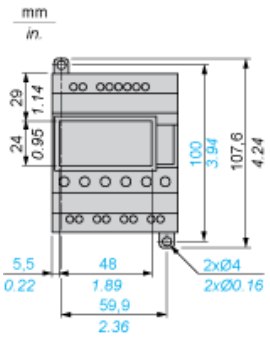
(1) With SR2USB01 or SR2BTC01

Screw Fixing (Retractable Lugs)



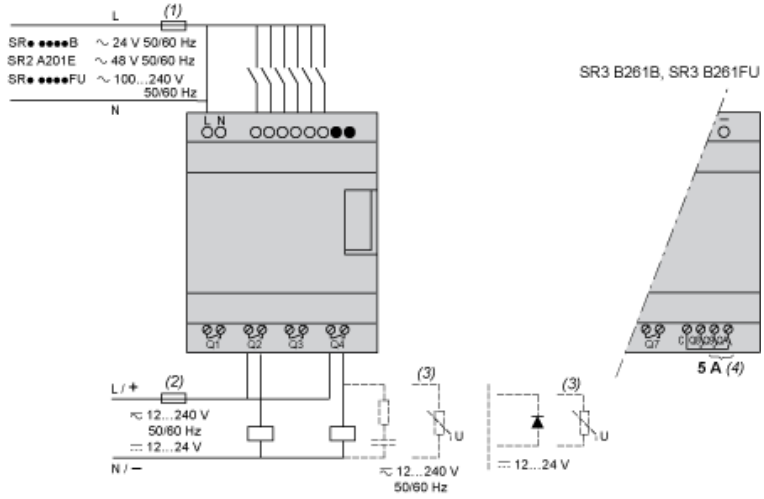
(1) With SR2USB01 or SR2BTC01

Position of Display



Connection of Smart Relays on AC Supply

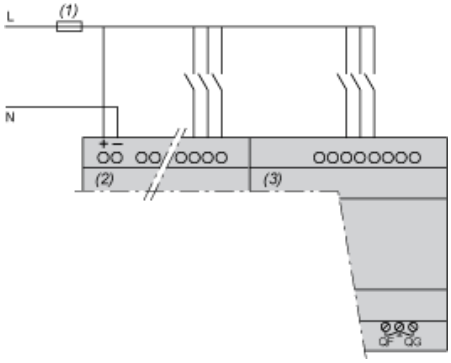
SR••••1B, SR••••1FU



(1) 1 A quick-blow fuse or circuit-breaker.
(2) Fuse or circuit-breaker.
(3) Inductive load.
(4) Q9 and QA: 5 A (max. current in terminal C: 10 A).

With Discrete I/O Extension Module

SR3B•••B + SR3XT•••B, SR3B•••FU + SR3XT•••FU



(1) 1 A quick-blow fuse or circuit-breaker.

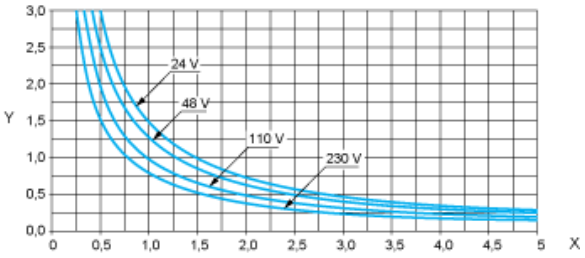
NOTE: QF and QG: 5 A for SR3XT141••

Compact and Modular Smart Relays

Electrical Durability of Relay Outputs

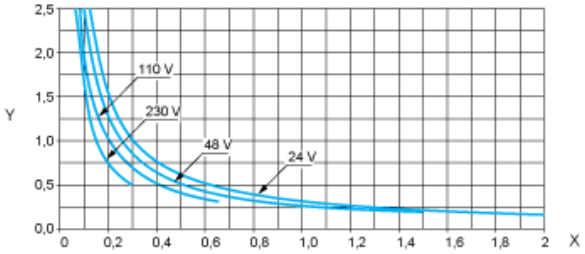
(in millions of operating cycles, conforming to IEC/EN 60947-5-1)

AC-12 (1)



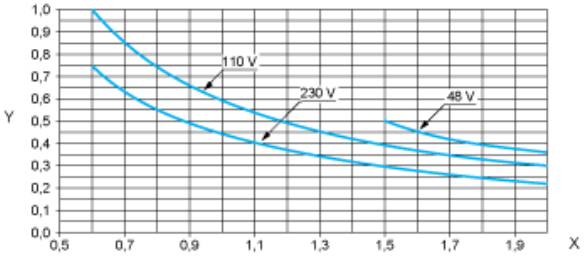
X: Current (A)
Y: Millions of operating cycles
(1) AC-12: switching resistive loads and opto-coupler isolated solid-state loads, cos ≥ 0.9.

AC-14 (1)



X: Current (A)
Y: Millions of operating cycles
(1) AC-14: switching small electromagnetic loads ≤ 72 VA, make: cos = 0.3, break: cos = 0.3.

AC-15 (1)



X: Current (A)
Y: Millions of operating cycles
(1) AC-15: switching electromagnetic loads ≥ 72 VA, make: cos = 0.7, break: cos = 0.4.