

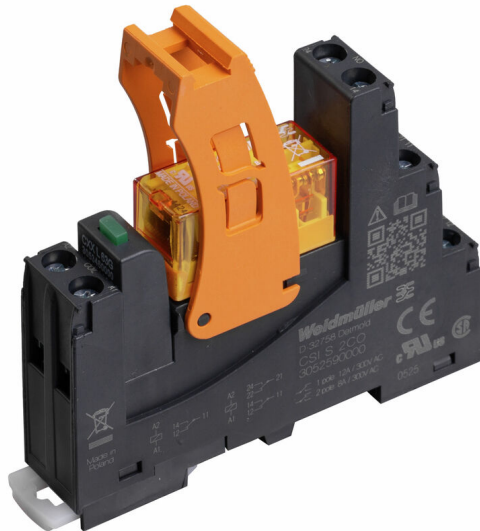
CRKIT S 24VAC 1CO L UL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**General ordering data**

Version	, Number of contacts: 1, CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 16 A, Screw connection, Test button available: No
Order No.	8000158752
Type	CRKIT S 24VAC 1CO L UL
GTIN (EAN)	4099987368315
Qty.	10 items

CRIKIT S 24VAC 1CO L UL

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Technical data

Approvals

Approvals



UL File Number Search [UL Website](#)
 Certificate No. (cURus) E223474

Dimensions and weights

Depth	72.8 mm	Depth (inches)	2.8661 inch
Height	80 mm	Height (inches)	3.1496 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	475.2 g		

Temperatures

Storage temperature	Ambient temperature	-20 °C...70 °C
Operating temperature		

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Rated data UL

Certificate No. (cURus) E223474

Control side

Rated control voltage	24 V AC	Rated current AC	35.9 mA
Power rating	0.9 VA	Coil resistance	400 Ω ±
Status indicator	Green LED	Coil voltage of the replacement relay deviating from the rated control voltage	No
Coil voltage of the replacement relay	24 V AC		

Load side

Rated switching voltage	250 V AC	Continuous current	16 A @ 1CO with bridged output wire connections; 12 A; @ 1CO without bridged output wire connections
Max. switching frequency at rated load	0.1 Hz	Switching voltage (AC), max.	250 V
Switching voltage (DC), max.	250 V	AC switching capacity (resistive), max.	2000
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 12 ms
Switch-off delay	≤ 20 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	3 x 10 ⁷ switching cycles	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V

General data

Operating altitude	≤ 2000 m, above sea level		
Mounting rail	TS 35		
Test button available	No		
Colour	black		
UL94 flammability rating component	Component	Socket	

Creation date 07.08.2026 05:28:49 MEZ

Catalogue status / Drawings

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UL94 flammability rating	V-2
Component	Relay cover
UL94 flammability rating	V-2

Insulation coordination

Surge voltage category	II	Dielectric strength for control side - load	5 kVeff / 1min side
Dielectric strength of neighbouring contacts	3 KVeff / 1 Min.	Dielectric strength to mounting rail	5 kVeff / 1 min
Impulse withstand voltage	4 kV (1.2/50 µs)	Protection degree	IP20

Further details of approvals / standards

Certificate No. (cURus)	E223474
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Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.7 Nm	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	2.5 mm ²	Clamping range, max.	4 mm ²
Wire cross-section, solid, min.	2.5 mm ²	Wire cross-section, solid, max.	4 mm ²
Twin wire-end ferrules, min.	1.5 mm ²	Twin wire-end ferrules, max.	2.5 mm ²
Blade size	PZ 1		

Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

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Accessories**Cross-connections**

Cross-connection for the sockets in the CUBESERIES CRI.

- Versions with red and blue coloured plastic for potential coding

Versions for PUSH IN sockets:

- 8-pin cross connection for A1 and A2 of the coil
- 2-pin jumper to connect to the neighbored sockets
- 2-pin jumper to connect the output channels within one socket

Versions for screw sockets:

- 8-pin cross connection to connect to the neighbored sockets

General ordering data

Type	CXI CCS 8P GY	Version
Order No.	3052620000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022446	
Qty.	2 ST	

Marker holder**General ordering data**

Type	CXI LABEL FLAP S	Version
Order No.	3169130000	CUBESERIES, Label
GTIN (EAN)	4099987828048	
Qty.	100 ST	