

CRIKIT P 24VDC 1CO L/D 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 DC, Continuous current: 16 A, PUSH IN, Test button available: No
Order No.	8000158718
Type	CRIKIT P 24VDC 1CO L/D UL
GTIN (EAN)	4099987367974
Qty.	10 items

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Technical data

Approvals

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Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.8543 inch
Height	97 mm	Height (inches)	3.8189 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	1024.2 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%

Control side

Rated control voltage	24 V DC	Rated current DC	23.5 mA
Power rating	565 mW	Coil resistance	1440 Ω ± 10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode
Coil voltage of the replacement relay deviating from the rated control voltage	No	Coil voltage of the replacement relay	24 V DC

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	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	AC switching capacity (resistive), max.	4000
DC switching capacity (resistive), max.	384 W @ 24 V	Switch-on delay	≤ 12 ms
Switch-off delay	≤ 6 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
	UL94 flammability rating	V-0
	Component	Relay cover
	UL94 flammability rating	V-2

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Insulation coordination

Surge voltage category	II	Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP20		

Connection data

Wire connection method	PUSH IN	Stripping length, rated connection	8 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire cross-section, solid, min. (AWG)	AWG 20
Wire cross-section, solid, max. (AWG)	AWG 16	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²
Blade size	0.6 x 3.5 mm		

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

Version for screw sockets:

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

General ordering data

Type	CXX JMP 2P RD	Version
Order No.	3053250000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023078	
Qty.	30 ST	
Type	CXX JMP 2P BL	Version
Order No.	3053260000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987023085	
Qty.	30 ST	
Type	CXI CCP 2P RD	Version
Order No.	3052650000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022477	
Qty.	20 ST	
Type	CXI CCP 2P BL	Version
Order No.	3052660000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022484	
Qty.	20 ST	
Type	CXI CCP 8P BL	Version
Order No.	3052700000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022507	
Qty.	10 ST	
Type	CXI CCS 8P GY	Version
Order No.	3052620000	CUBESERIES, Cross-connector
GTIN (EAN)	4099987022446	
Qty.	2 ST	

Marker holder



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Accessories

General ordering data

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