

CRIKIT P 24VAC 1CO L/PB 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, PUSH IN, Test button available: Yes
Order No.	8000158725
Type	CRIKIT P 24VAC 1CO L/PB UL
GTIN (EAN)	4099987368049
Qty.	10 items

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Technical data

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	1025.2 g		

Temperatures

Storage temperature		Ambient temperature	-40 °C...70 °C
Operating temperature			

Control side

Rated control voltage	24 V AC	Rated current AC	35.9 mA
Power rating	0.9 VA	Coil resistance	350 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	Max. switching voltage, AC	250 V
Max. switching voltage, DC	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	1 x 10 ⁶ 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	Yes		
Version of test button	Lockable test button, Momentary test button		
Mechanical switch position indicator	Yes		
Colour	black		
UL94 flammability rating component	Component	Socket	
	UL94 flammability rating	V-0	
	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	4 kVeff / 1 Min.
Impulse withstand voltage	6 kV (1.2/50 µs)	Protection degree	IP20

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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		