

CRIKIT S 24VDC 1CO L/D/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 DC, Continuous current: 16 A, Screw connection, Test button available: Yes
Order No.	8000158747
Type	CRIKIT S 24VDC 1CO L/D/PB UL
GTIN (EAN)	4099987368261
Qty.	10 items

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Technical data
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	1025.2 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
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	5 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-2
	Component	Relay cover
	UL94 flammability rating	V-2

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Insulation coordination

Surge voltage category	II	Dielectric strength for control side - load side	5 kVeff / 1 min
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

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		