

CRIKIT S 24VDC 2CO L/D UL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

General ordering data

Version	, Number of contacts: 2, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 8 A, Screw connection, Test button available: No
Order No.	8000158760
Type	CRIKIT S 24VDC 2CO L/D UL
GTIN (EAN)	409998736839 1
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	1023.4 g		

Temperatures

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

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	8 A
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 VA
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 12 ms
Switch-off delay	≤ 6 ms	Contact type	2 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-2	
	Component	Relay cover	
	UL94 flammability rating	V-2	

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		

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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		