CRMKIT S 24VAC 2CO L UL

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General ordering data

Version	, Number of contacts: 2, CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 12 A, Screw connection, Test button available: No
Order No.	8000158982
Type	CRMKIT S 24VAC 2CO L UL
GTIN (EAN)	4099987371094
Qty.	10 items

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Technical data

Dimensions and weights

Depth	68.2 mm	Depth (inches)	2.685 inch
Height	80.3 mm	Height (inches)	3.1614 inch
Width	26.9 mm	Width (inches)	1.0591 inch
Net weight	1048.6 g		

Temperatures

Storage temperature		Ambient temperature	-40 °C...55 °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 AC	Rated current AC	72.6 mA
Power rating	1.8 VA	Coil resistance	158 Ω ± 10 %
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	12 A
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
AC switching capacity (resistive), max.	3000	DC switching capacity (resistive), max.	288 W @ 24 V
Switch-on delay	≤ 20 ms	Switch-off delay	≤ 12 ms
Contact type	2 CO contact (AgNi)	Mechanical service life	2 x 107 switching cycles

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	4 kVeff / 1 Min.
Dielectric strength of neighbouring contacts	3 KVeff / 1 Min.	Dielectric strength to mounting rail	4 kVeff / 1 Min.
Protection degree	IP20		

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Clamping range, rated connection	2.5 mm²	Clamping range, min.	2.5 mm²

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Clamping range, max.	4 mm²	Wire cross-section, solid, min.	2.5 mm²
Wire cross-section, solid, max.	4 mm²	Wire cross-section, solid, min. (AWG)	AWG 20
Wire cross-section, solid, max. (AWG)	AWG 16	Twin wire-end ferrules, min.	1.5 mm²
Twin wire-end ferrules, max.	2.5 mm²	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		