CRMKIT S 24VAC 4CO L UL

General ordering data

Version	, Number of contacts: 4, CO contact AgNi, Rated control voltage: 24 V AC, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	8000158996
Type	CRMKIT S 24VAC 4CO L UL
GTIN (EAN)	4099987371254
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			

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	6 A
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
Inrush current	16 A / 20 ms	AC switching capacity (resistive), max.	1500
DC switching capacity (resistive), max.	168 W @ 24 V	Switch-on delay	≤ 20 ms
Switch-off delay	≤ 12 ms	Contact type	4 CO contact (AgNi)
Mechanical service life	2 x 107 switching cycles	Min. switching power	100 mA @ 5 V, 10 mA @ 12 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	4 kVeff / 1 Min.
Dielectric strength of neighbouring contacts	3 KVeff / 1 Min.	Dielectric strength to mounting rail	4 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 mm²
Clamping range, min.	2.5 mm²	Clamping range, max.	4 mm²
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 16
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

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Technical data

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		

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