CRMKIT S 48VDC 4CO L/D UL

General ordering data

Version	, Number of contacts: 4, CO contact AgNi, Rated control voltage: 24 V DC, 48 V DC, Continuous current: 7 A, PUSH IN, Screw connection, Test button available: No
Order No.	8000158992
Type	CRMKIT S 48VDC 4CO L/D UL
GTIN (EAN)	4099987371216
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	31 mm		Width (inches)	1.2205 inch
Net weight	1046.6 g			

Temperatures

Storage temperature			Ambient temperature	-20 °C...70 °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 DC, 48 V DC		Rated current DC	45 mA
Power rating	1.2 W		Coil resistance	640 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	7 A
Max. switching frequency at rated load	0.1 Hz		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	≤ 9 ms
Contact type	4 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-0	
	Component	Relay cover	
	UL94 flammability rating	V-2	

Insulation coordination

Pollution severity	2		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	3 kVeff / 1 min.		Impulse withstand voltage	4 kV (1.2/50 µs)
Protection degree	IP20			

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Connection data

Wire connection method	PUSH IN, Screw connection	Stripping length, rated connection	8 mm
Clamping range, rated connection	1.5 mm²	Clamping range, min.	0.5 mm²
Clamping range, max.	1.5 mm²	Wire cross-section, solid, min.	0.5 mm²
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16
Twin wire-end ferrules, max.	1.5 mm²	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		