

CRMKIT S 24VDC 4CO 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: 4, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Screw connection, Test button available: Yes
Order No.	8000158991
Type	CRMKIT S 24VDC 4CO L/D/PB UL
GTIN (EAN)	4099987371209
Qty.	10 items

CRMKIT S 24VDC 4CO L/D/PB UL

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

www.weidmueller.com

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...70 °C
Operating temperature			

Control side

Rated control voltage	24 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	6 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 10 ⁷ switching cycles

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	

Insulation coordination

Surge voltage category	II	Dielectric strength for control side - load	4 kVeff / 1 Min. side
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 mm ²
Clamping range, min.	2.5 mm ²	Clamping range, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 16

CRMKIT S 24VDC 4CO L/D/PB UL

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

www.weidmueller.com

Technical data

Wire cross-section, solid, min.	2.5 mm ²	Wire cross-section, solid, max.	4 mm ²
Wire cross-section, solid, min. (AWG)	AWG 20	Wire cross-section, solid, max. (AWG)	AWG 16
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		