Specifications:

ELECTROMECHANICAL TERMINAL BLOCK RELAY SPECIFICATIONS					
INPUT DATA					
	UNITS				
Rated Voltage	VAC/VDC	12	24	110~125	220~240
Typical Response Time	ms	≤8			
Typical Release Time	ms	≤4			
Pickup Voltage	%	90			
Dropout Voltage	%	10			
Maximum Allowable Voltage	VAC/VDC	14	28	132	264
Coil Consumption	W	0.17		0.21	
CONTACT RATINGS					
Contact Configuration		SPDT			
Contact Material		AgNi			
Rated Load		6A, 250VAC / 30VDC			
Maximum Switching Voltage	VAC/VDC	400/125			
Minimum Switching Voltage	V	5			
Minimum Switching Current	mA	100			
GENERAL					
Mechanical Service Life		1×10^7 cycles			
ELECTRICAL LIFE					
NO Operations		3×10^4 cycles			
NC Operations		1×10^4 cycles			
DIELECTRIC STRENGTH					
Between Contact and Coil	VAC	4,000 for 1 minute			
Between Pole	VAC	1,000 for 1 minute			
Vibration Resistance		10 to 55Hz, double amplitude 1.0 mm			
SHOCK RESISTANCE					
Functional	m/s^2	49			
Destructive	m/s^2	980			
Ambient Temperature Range	°C/°F	-40 to 55 / -40 to 131			
Storage Temperature	°C/°F	-40 to 85 / -40 to 185			
Operating Humidity	%	5 to 85 (no condensation)			
Altitude	m	0 - 2,000			
Pollution Degree		2			
CONDUCTOR SIZE					
Screw Terminal	AWG	14-26			
Push-In Terminal	AWG	14-22			
Strip Length	inch	0.3			
Torque (Screw Terminal)	Nm	0.5			
Pull Out Force (Push-In Terminal)	N	40			
Degree of Protection		IP20			
ROHS COMPLIANCE		For RoHS compliance documentation by product, refer to c3controls.com			

SPECIFICATIONS:

SOLID STATE TERMINAL BLOCK RELAY SPECIFICATIONS			
INPUT SPECIFICATION	**UNITS**		
	VDC	**12**	**24**
Control Voltage Range	VDC	9.6~14.4	19.2~28.8
Must Turn-On Voltage	VDC	9.6	19.2
Must Turn-Off Voltage	VDC	3	9
Maximum Input Current	mA	25	
Maximum Reverse Protection Voltage	VDC	-14.4	-28.8
OUTPUT SPECIFICATION			
		240 VAC	**24 VDC**
Load Voltage Range		(48~280) VAC	(3~28.8) VDC
Maximum Transient Voltage		600 Vpk	33 VDC
Load Current Range		(0.1~2) A	(0.02~4) A
Maximum Surge Current (10ms)		80 A	48 Apk
Maximum Off-State Leakage Current		1.5 mA	100 µA
Maximum On-State Voltage Drop		1.2 Vr.m.s.	0.35 VDC
Maximum Turn-On Time		1/2 cycle + 1 ms	50 µA
Maximum Turn-Off Time		1/2 cycle + 1 ms	300 µs
Minimum Off-State dv/dt		100 V/µs	
Max. IMax. I2t for fusing (10ms, A2s)		32	
GENERAL SPECIFICATION			
Contact Configuration		SPST NO	
Dielectric Strength (Input/Output)	VAC	2500 for 1min	
Insulation Resistance	MΩ	1000 at (500VDC)	
Maximum Capacitance (Input/Output)	pF	5	
Vibration Resistance		10~55Hz, 1.5mm, DA	
Operating Temperature	°C	-30~80	
Storage Temperature	°C	-30~100	
Ambient Humidity	% RH	45~85	
Unit Weight	g	29	
Shock Resistance		Acceleration 980m/s2, continuous surge 6ms	
Altitude	m	0-2000	
Pollution Degree		2	
CONDUCTOR SIZE			
Screw Terminal	AWG	14-26	
Push-In Terminal	AWG	14-22	
Strip Length	mm	8	
Torque (Screw Terminal)	Nm	0.5	
Degree of Protection		IP20	
ROHS COMPLIANCE		For RoHS compliance documentation by product, refer to c3controls.com	