

Product Description

- ◆ MOSFET Output
- ◆ Low Impedance
- ◆ Control Voltage: 12VDC or 24VDC
- ◆ Panel Mounted
- ◆ LED Indicator
- ◆ RoHS Compliant



Ordering Information

KSJD	30	D	10	-24
KSJD Series	Load Voltage 30:30VDC	DC Control	Load Current 10: 10Amp	Control Voltage 12: 12VDC 24: 24VDC

General Specifications

Input Specifications (Ta=25°C)		
Control Voltage Range	12VDC	12VDC
	24VDC	24VDC
Must Turn-on Voltage	12VDC	9.6VDC
	24VDC	19.2VDC
Must Turn-off Voltage		2VDC
Maximum Input Current		15mA
Maximum Reverse Voltage	12VDC	-12VDC
	24VDC	-24VDC

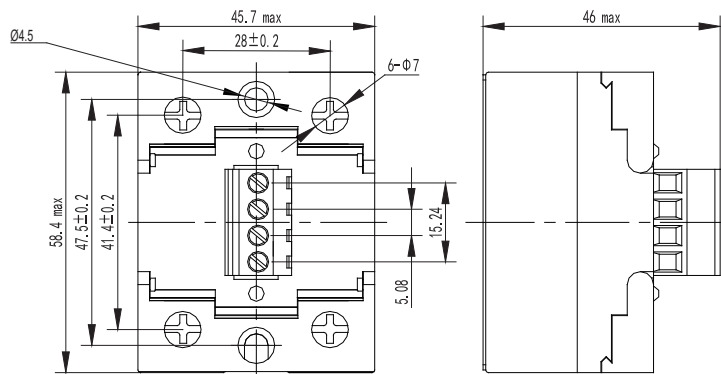
Output Specifications (Ta=25°C)	
Load Voltage Range	8 ~28.8VDC
Maximum Transient Voltage	30VDC
Load Current Range	0.002 - 10A
Maximum Surge Current[@10ms]	30A
Maximum Turn-on Time	300μs
Maximum Turn-off Time	300μs
Maximum Off-State Leakage Current@Rated Load Voltage (mA)	0.1mA
Maximum On Resistance	14mΩ max. (@TA=25°C)

General Specifications (Ta=25°C)		
Dielectric Strength[50/60Hz]	Input, Output/Base	2500Vrms
	Input, Output/Base	1000MΩ
Operating Temperature Range		-30°C ~ +80°C
Storage Temperature Range		-30°C ~ +100°C
Weight[Typical]		150g

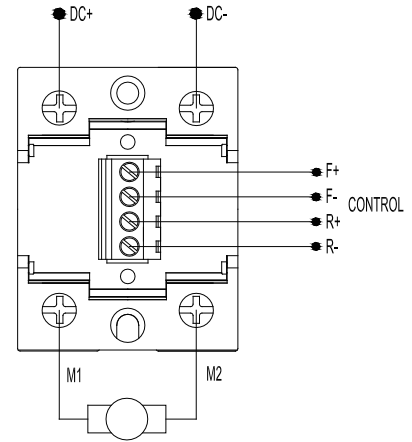
Application

DC motor control

Outline Dimensions/Wiring Diagram

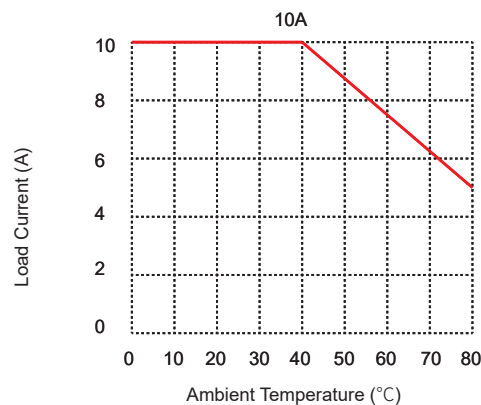


Outline Dimensions



Wiring Diagram

Temperature Curve



General Notes

1. Suppression circuit must be added for inductive load.
2. Ensure correct polarity of the control circuit, otherwise it may damage the product.
3. When the operation temperature is high, please consider the derating as per the thermal curve.