KKA®
Zhejiang KKA Electrics Co. Ltd.

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AUTOMOTIVE RELAY

KKA-D200

Specification:

- 200A large current
- Designed for power start of car, truck, large equipment and machines

Ordering Guide

Ordering Example	KKA-D200	012	-1H	2.4W	（XXX）
Type					
Coil Volt.	012:12VDC 024：24VDC				
Contact		1H：NO			
Coil Power Consumption			1.8W 2.4W 4.8W		
Special Type as client's requirement				XXX：	

Coil Ratings

Specification	Coil Volt. (VDC)		Coil Resistance (Ω±10%)	Pickup Vol. VDC (max.)	Release Vol. VDC (min.)	Coil Power	Operate Time	Release Time
	Rated	Max.						
12V 2.4W	12	15.6	60	7.8	1.2	2.4W	≤10ms	≤5ms
24V 2.4W	24	31.2	240	15.6	2.4	2.4W		
12V 4.8W	12	15.6	80	7.8	1.2	4.8W	≤10ms	≤5ms
24V 4.8W	24	31.2	320	15.6	2.4	4.8W		

Operation Condition

Insulation		100MΩ min (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength	Between contacts	50Hz 500V	Item 6 of IEC 60255-5
	Between coil and contacts	50Hz 500V	Item 6 of IEC 60255-5
Shock Resistance		147m/s²	IEC 68-2-27 Test Ea
Vibration Resistance		10-40Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc
Terminals Strength		20N	IEC 68-2-21 Test Ua1
Solderability		235℃±2℃ 3±0.5s	IEC 68-2-20 Test Ta method 1
Ambient Temperature		-40℃--85℃	
Relative Humidity		85% (at 40℃)	IEC 68-2-3 Test Ca
Mass		94g	

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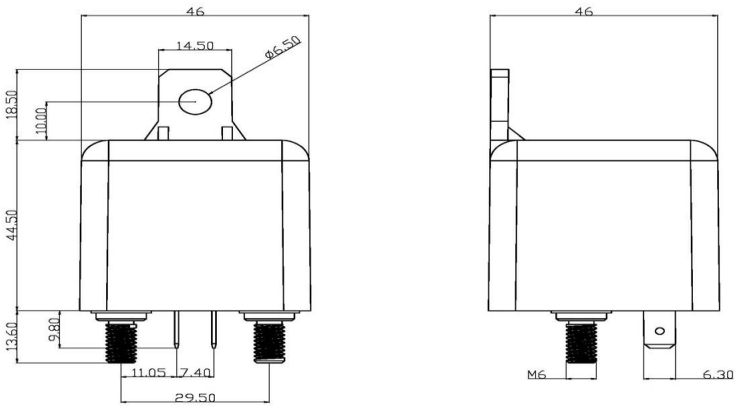
Contact Rating

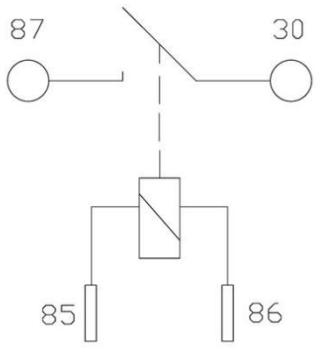
Contact form	1H(SPSTNO)
Contact material	$AgSnO_2$
Contact rating(resistive)	200A/14VDC
	60A/28VDC
Max. Switching Voltage	40VDC
Max. Switching Current	200A
Max. Switching Power	1680W
Contact Resistance	≤30mΩ Item 4.12 of IEC 61810-7
Electrical Endurance	$1*10^5$ Item 4.30 of TEC 61810-7
Mechanical Endurance	$1*10^7$ Item 4.31 of TEC 61810-7

Dimensions



Remark: (1) In case of no tolerance shown in outline dimension: outline dimension≤1mm, tolerance should be ±0.2mm; Outline dimension > 1mm and≤5mm, tolerance should be ±0.3mm; outline dimension > 5mm, tolerance should be ±0.4mm.

The Wiring Diagram



Installation Diagram