

www.mbsm.pro , ASD65 , R134A
,220V/50Hz ,1/5HP 173W ,Huaguang
,Refrigerator, Compressor ,LBP

Category: Solutions,Tester ok

written by www.mbsm.pro | 6 January 2019

www.mbsm.pro , ASD65 , R134A ,220V/50Hz ,1/5HP 173W ,Huaguang ,Refrigerator,
Compressor ,LBP

Mbsm.pro, ZEL GTM93AG, 1/3 Hp ,
Compressor for wine coolers
,200-220V/50Hz 220-230V/60Hz, R134A

Category: Solutions,Tester ok

written by Jamila | 6 January 2019



PictureS Mbsm Dot Pro : www.mbsm.pro

Mbsm.pro, ZEL GTM93AG, 1/3 Hp , Compressor for wine coolers ,200-220V/50Hz
220-230V/60Hz, R134A



PictureS Mbsm Dot Pro : www.mbsm.pro

نموذج	محرك	Displ	قوة	نوع المحرك	التردد	قدرة التبريد	مدخل الطاقة	مقاومة الإدخال (RC)
GTM93AG	البحاس	9.3	1/3	منعبد	60	290	220	0
GTM93AG	البحاس	9.3	1/3	منعبد	50	248	216	0
GTM12AA	البحاس	12	1/3	منعبد	50	320	241	0
GTM10AA	البحاس	10.6	1/3	منعبد	50	300	226	0
GTM93AA	البحاس	10	1/3	RSIR	50	280	207	0
GTM75AA	شركة	7.5	1/5	منعبد			160	0

PictureS Mbsm Dot Pro : www.mbsm.pro

Place of Origin: China

Product Description

Product Description

ZEL GTM93AG Compressor for wine coolers 200-220V/50Hz 220-230V/60Hz R134A

Specifications

Refrigeration Compressor

Refrigerator, freezer, drinking fountains and home ice cream,

Refrigeration Compressor

Application: Refrigerator, freezer, drinking fountains and home ice cream, ice-making machines and other products

Production Standard: CCC, DVE, RoHS, UL certificate

Packing: Carton

Household Applications

- Freezers
- Refrigerators
- Wine Coolers

Commercial Applications

- Horizontal Freezers
- Merchandisers
- Equipment for professional kitchens
- Dispenser
- Water Coolers
- Wine Coolers
- Ice makers
- Vending Machines
- Minibar

They are the best selling high-tech compressors sold in the world. They are ideal for domestic refrigeration and also for small commercial applications. They are small, have low noise and vibration levels, they achieve the highest levels of efficiency available in the market for this category.

For more details of the refrigeration compressor, please contact us.

Model	Displacement	Height	Motor	Type	Cooling	capacity	COP	Power	Supply
	cm3	MM			W		W/W	V/Hz	
GTM93AG	9.3	183	CSIR		248		1.15	200-220/50	
		183	CSIR		290		1.30	220-230/60	

Related Keywords

Compressor Wine Coolers , Coolers For Wine Bottles , Air Compressor For Engineerin

China Compressor Wine Coolers , China Coolers For Wine Bottles , China Air Compressor For Engineerin

240 grams	134 a	Refrigerant	CH650	Mode
Lamp Power	240 grams	134 a	Refrigerant	CH650
سعة التجميد	650 لتر	الحجم الشامل الكلي المقنن	50 هرتز	التردد
Freezing Capacity	650 Lit.	Gross Volume	50 Hz.	Frequer
درجة الحماية	547 لتر	حجم تخزين حيز التجميد	216 وات	دقة المقننة
Protection Degree	547 Lit.	Freezer Storage Volume	216 Watt	Rated Po
المواصفات القياسية	547 لتر (19.3 قدم ³)	حجم تخزين حيز الأطعمة الطازجة	220 فولت	دقة المقنن
المصرية	547 Lit. (19.3 ft ³)	Fresh Food Storage Volume	220 Volt	Rated Vo
Standards	547 Lit. (19.3 ft ³)	حجم التخزين الكلي (السعة)	1.9 أمبير	دقة المقنن
		Rated Storage Volume	1.9 Ampere	Rated Cr
نوع العزل	مجمد طراز 1	النوع	التصنيف	السخان
Insulation	Freezer type	Type	Class	Heater
2205	الرقم المسلسل	2016	تاريخ الإنتاج	
Egypt	Serial Number	2016	Production	



mbsm.pro, COMPRESSEUR, GUY75AA ,R134 ,1/5 HP

Category: Technologie, Tester ok
written by Jamila | 6 January 2019



Compressors of the hermetic type from the manufacturer ACC Cubigel Huayi Electrolux ZEM can be found in our online shop category compressors.

www.mbsm.pro , Critères de température, compresseurs rotatifs monophasés

Category: Solutions, Tester ok

written by Jamila | 6 January 2019

The compressors have been defined to work in the following maximum environments (ventilated compressors).

Note :

For applications in air conditioning at higher ambient temperature, see our range

Tropical. This range of R-134a products has an evaporation range of -10°C to $+30^{\circ}\text{C}$, and

a condensing range of $+30^{\circ}\text{C}$ to $+80^{\circ}\text{C}$ for a room temperature of 55°C .

Discharge temperature

The discharge temperature measured under extreme operating conditions by a thermocouple welded on the discharge tube at 5 cm from the compressor and thermally insulated

10 cm, must be at most 127°C . This corresponds to the maximum permissible temperature.

www.mbsm.pro, Compresseurs, LBP, MBP, HBP , Difference, and, signification

Category: Solutions, Tester ok

written by Jamila | 6 January 2019

le B correspond à back il faut le traduire en contre pression , en fait sur les compresseurs frigorifiques du fait du circuit fermé , il y a une delta P entre entrée et sortie du compresseur , ce n'est pas comme un compresseur classique d'air comprimé

www.mbsm.pro, COMPRESSOR , 1/5Hp , EGL75AA , R134A, 155W, LBP, 7.39CM3

Category: Solutions, Tester ok

written by www.mbsm.pro | 6 January 2019

Low-temperature refrigerator compressor with a cylinder capacity of 7.39cm^3 and a cooling capacity of 155W. Works with refrigerant R134a.

www.mbsm.pro ,Panasonic , Tested OK ,Refrigeration Compressors ,Industrial Devices

Category: Technologie,Tester ok

written by Jamila | 6 January 2019

Panasonic is known throughout the world for manufacturing high quality, reliable products. Our line of refrigeration compressors continues this tradition.

Panasonic provides premium compressors for refrigerator manufacturers all over the world. Our compressors are recognized for superior construction, low noise, and most of all reliable performance. From our high efficiency inverter drive compressors to our high capacity QA series, our complete line of compressors are designed to meet the needs for nearly all refrigeration applications.

www.mbsm.pro, Danfoss SC12G 104G8240 ,Refrigerator 1/3 HP++, R134a, HMBP, Compressor, Cooling solution for Refrigerators

Category: Technologie,Tester ok

written by www.mbsm.pro | 6 January 2019

DANFOSS Compressor SC12G SC12G220-240/1/50 VOLTS1/3 HP
R134a

www.mbsm.pro , LG MA42LBJG Refrigerator Compressor 1/6 Hp , Cooling solution for Refrigerators

Category: Technologie,Tester ok

written by Jamila | 6 January 2019



www.mbsm.pro

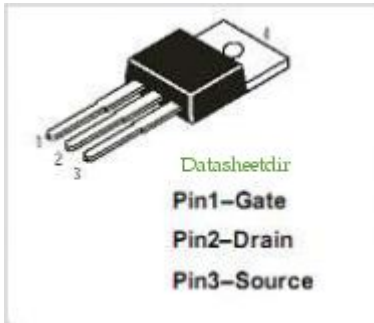
Cooling solution for Refrigerators & Commercial Appliances This M-series reciprocating LBP compressor provides complete cooling solution for Domestic &

Commercial refrigeration appliances. Compact Size, Silent operation, Low Voltage start ability (LVS) are its prominent features. M-Series compressor caters to 6s quality assurance and has globally proven reliability.

Mbsm.pro, IRF830 MOSFE , in power seplay , old Fortec star 3000

Category: Développement,electronique

written by www.mbsm.pro | 6 January 2019



Type Designator: IRF830

Type of Transistor: MOSFET

Type of Control Channel: N -Channel

Maximum Power Dissipation (P_d): 100 W

Maximum Drain-Source Voltage $|V_{ds}|$: 500 V

Maximum Gate-Source Voltage $|V_{gs}|$: 20 V

Maximum Gate-Threshold Voltage $|V_{gs(th)}|$: 4 V

Maximum Drain Current $|I_d|$: 4.5 A

Maximum Junction Temperature (T_j): 150 °C

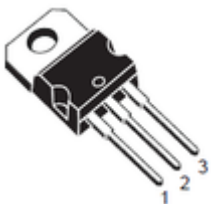
Drain-Source Capacitance (C_d): 800 pF

Maximum Drain-Source On-State Resistance (R_{ds}): 1.5 Ohm

Package: TO220

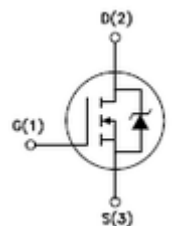
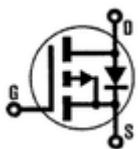
Use the motor voltage and current specifications (either from the data sheet or from experimentation) to determine which transistors to choose. Selecting transistors with greater capacity will provide a margin of safety in your design.

For the purposes of this tutorial, I am using motors specified at 6V where they draw approximately 130mA. I will choose transistors I happen to have in my parts box. If I didn't have anything on hand that would work, I would buy something that could handle 2X the voltage and current.



The **IRF830** is an E-Mode N-channel MOSFET rated at 500V with an continuous current rating of 4.5A and a pulsed current rating of 18A. This is more than adequate for these motors.

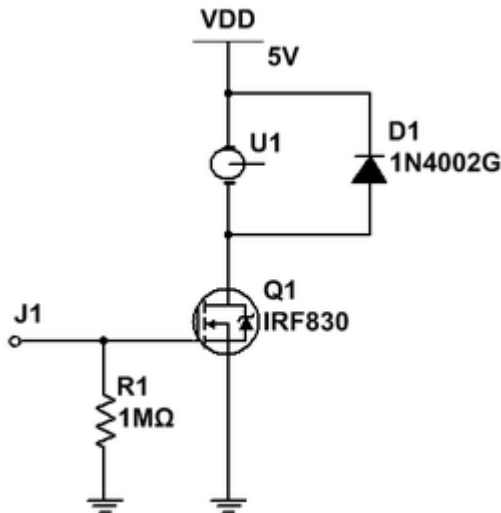
It also has an internal diode for back-EMF protection.



The **IRF9530** is an E-Mode P-channel MOSFET rated at 100V with a continuous current rating of 7.5A and a pulsed current rating of 48A. It is also more than adequate for my needs.

It also has an internal diode of back-EMF protection.

The pin out of the IRF9530 is the same as that of the IRF830 – **Gate = pin 1; Drain = pin 2; Source = pin 3** (when viewed from the front.)



Motor connected from +V to transistor

Always use an N-channel MOSFET when the transistor is directly connected directly to either -V or GND. In this configuration, the transistor's source pin sinks current from the motor directly back to the power supply. A HIGH on the Gate turns the transistor ON.

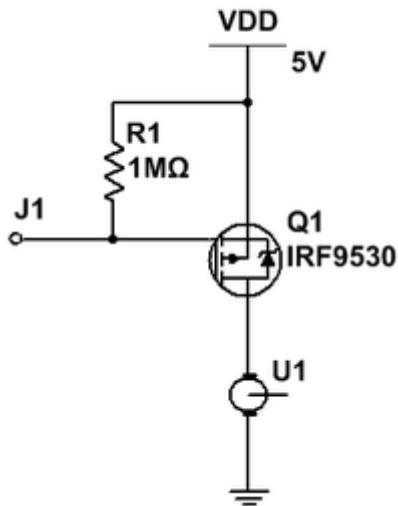
D1 is an added external diode to offer the transistor back-EMF protection. It is not required when using a transistor such as the IRF830 because it already has an internal diode for the same purpose. It is shown here simply to show how it should always be connected when using a transistor without an internal diode. It will be omitted from future circuits unless necessary.

R1 is a pull down resistor to ensure a LOW signal to the gate unless it is specifically driven HIGH.

Connections: Drain to motor; Source to GND; Gate to control device.

J1 (the MOSFET gate) is typically connected to a micro-controller pin. A HIGH signal turns the MOSFET ON energizing the motor; a LOW signal turns the MOSFET OFF stopping the motor – **LOW = motor OFF; HIGH = motor ON.**

The advantage of this circuit is its simplicity; the disadvantage of this circuit is that the motor can only turn in one direction making it suitable for controlling a fan or pump, but, not for a reversible robot.



Motor connected from transistor to -V/GND

Always use a P-channel MOSFET when the transistor is directly connected to +V. In this configuration, the transistor's drain pin channels current to the motor from where it will return to the power supply. A LOW on the Gate turns the transistor ON.

R1 is a pull up resistor to ensure a HIGH signal to the gate unless it is specifically driven LOW.

Connections: Drain to motor; Source to +V; Gate to control device.

J1 (the MOSFET gate) is typically connected to a micro-controller pin. A LOW signal turns the MOSFET ON energizing the motor; a HIGH turns the MOSFET OFF stopping the motor – **LOW = motor ON; HIGH = motor OFF.**

The advantage of this circuit is its simplicity; the disadvantage of this circuit is that the motor can only turn in one direction making it suitable for controlling a fan or pump, but, not for a reversible robot.

Depending upon desired motor response to specific logic levels, either of these circuits is well suited to function as described above.