



*Products for tomorrow...*

Headquarter Europe  
 MEDER electronic AG  
 Friedrich-List Strasse 6  
 D-78234 Engen-Welschingen  
 Tel.: +49(0)7733-9487-0  
 Fax: +49(0)7733-9487-32  
 eMail: info@meder.com  
 Internet: www.meder.com

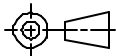
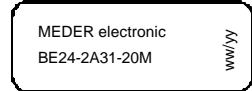
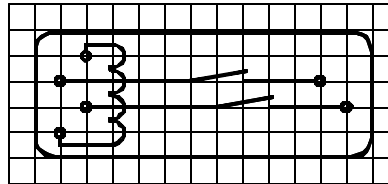
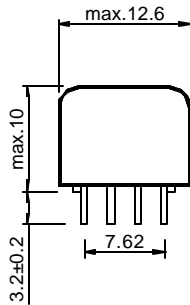
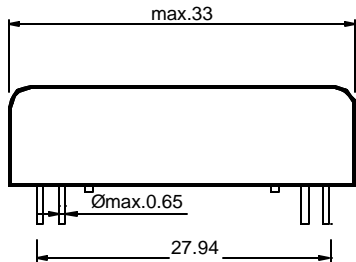
Headquarter USA  
 MEDER electronic Inc.  
 766 Falmouth Rd  
 Mashpee, MA 02649  
 Phone: +1/ 508-539-0002  
 Fax: +1/ 508-539-4088  
 eMail: salesusa@meder.com

Reed Sensor: BE24-2A31-20M

Part Number: 8824231020

Dimensions (mm) unspecified tolerances +/- 0.1mm

Layout / Pitch 2.54 mm / Top View Marking



Pins: Ø 0,65 mm / L 3.2 ± 0,2 mm

Coil/Relay Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Coil Resistance		1440	1600	1760	Ω
Nominal Voltage			24		VDC
Nominal Rated Power			360		mW
Operate Voltage				16.8	VDC
Release Voltage		3.6			VDC

Contact Data 31 (Form A/wetted)				
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			50 W
Switching Voltage	DC or Peak AC			1000 V
Switching Current	DC or Peak AC			2.0 A
Carry Current	DC or Peak AC			3.0 A
Static Contact Resistance (initial)	Measured with 40% overdrive			80 mΩ
Insulation Resistance	RH 45%	10 <sup>10</sup>		Ω
Breakdown Voltage		1.5		kVDC
Operate Time, including Bounce	Measured with 40% overdrive			1.2 ms
Release Time				1.0 ms
Capacitance			0.3	pF

Environmental Data				
Insulation Resistance Coil to Contact	RH 45%	10 <sup>12</sup>		Ω
Dielectric Strength Coil to Contact		2.0		kV DC
Shock	½ sine wave, duration 11ms		50	g
Vibration	from 10 - 2000 Hz		20	g
Operating Temperature	10°C/min max. allowable	-20	55	°C
Storage Temperature	10°C/min max. allowable	-35	105	°C
Soldering Temperature	5 sec. at		260	°C
Cleaning		fully sealed		
Material of Case		Metal		
Sealing Compound		Polyurethane		
Material of Pins		Cu-alloy tinned		
Remarks				

Customer / Customer part number	Standard Product
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