MEDER electronic
Products for tomorrow...

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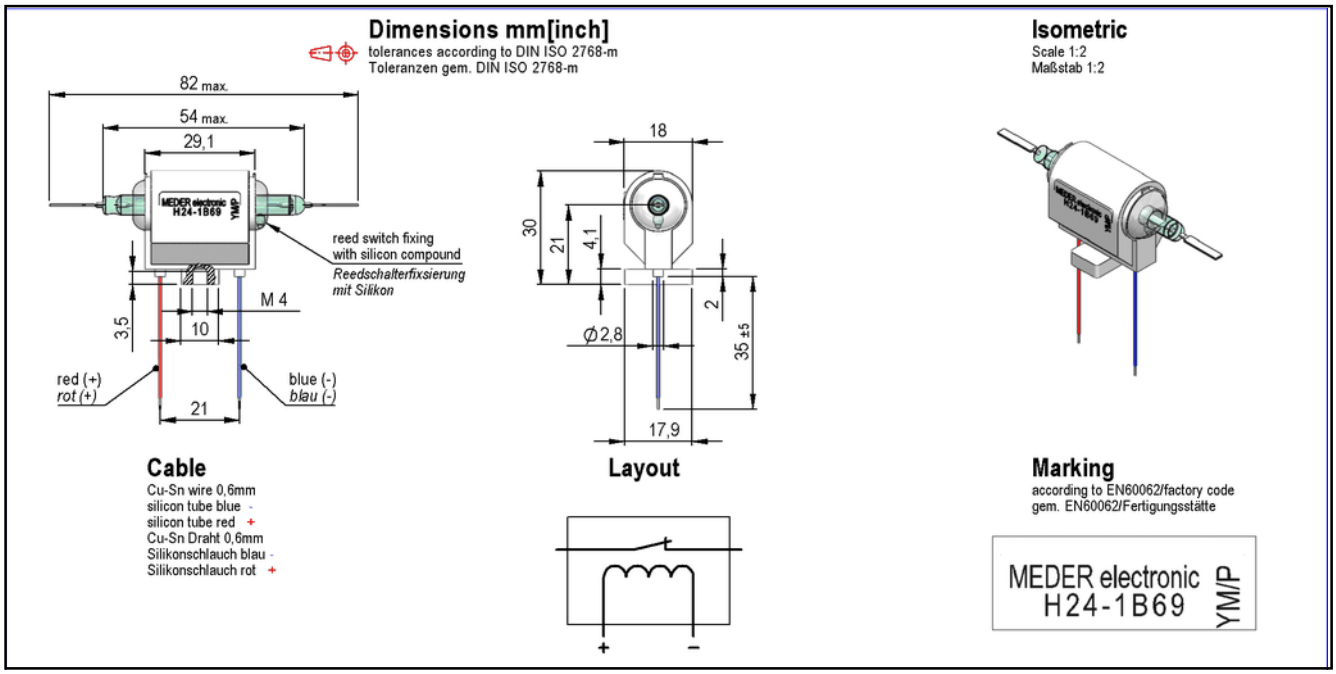
Item No.:
1924169214
Item:
H24-1B69



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		324	360	396	Ohm
Coil voltage			24		VDC
Rated power			1.600		mW
Coil current			67		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		29		K/W
Inductance			180		mH
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			10.000	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage	according to IEC 255-5	15.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		1			
Contact - form		B - NC			
Dielectric Strength Coil/Contact	according to IEC 255-5	15			kV DC
Insulation resistance Coil/Contact	RH <45%, 100 VDC test voltage	10			TOhm
Capacity Coil/Contact	@ 10 kHz		1,1		pF
Case colour		nature			
Housing material		Crastin,SK 645FR,rated 94V-0,140 °C,E.I. Dupont			
Connection pins		FeNi-alloy tin plated			
Magnetic Shield		no			
Reach / RoHS conformity		yes			
Remark		Coil polarity!			

Modifications in the sense of technical progress are reserved

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Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-20		90	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weigth			30		g
Packaging		Styrofoam tray, ESD neutral 50 pcs./each			