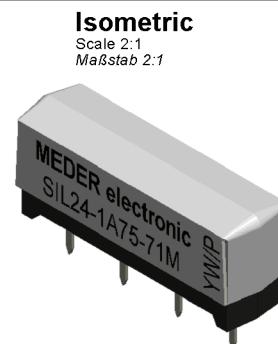
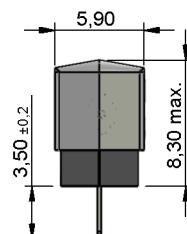
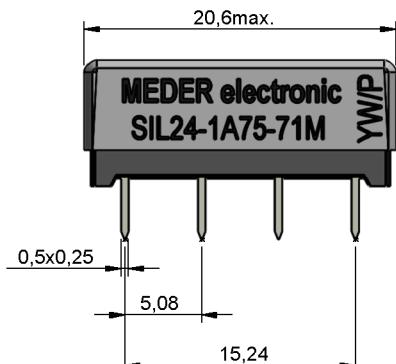
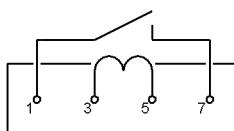


**Dimensions mm[inch]**  
tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m



**Layout**  
Top view  
Draufsicht



**Marking**  
according to EN60062/factory code  
gem. EN60062/Fertigungsstätte

**MEDER electronic** **SIL24-1A75-71M** **YWP**

<b>Coil Data at 20 °C</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Coil resistance		1.800	2.000	2.200	Ohm
Coil voltage			24		VDC
Rated power			288		mW
Coil current			12		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		95		K/W
Inductance			220		mH
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

<b>Contact data 75</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<31 AT)	DC or Peak AC			500	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (20-30 AT)	according to EN 60255-5	1.000			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,4		pF

<b>Special Product Data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	100			GOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Housing material				epoxy resin	
Connection pins				CuFe2P, tin plated	
Magnetic Shield				yes	
Approval				VDE No. 40025270	
Approval				UL-File No. NRNT2.E156887 / NRNT8.E156887	
Reach / RoHS conformity				yes	



Products for  
tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com  
USA: +1 / 508 295 0771 | Email: salesusa@meder.com  
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:

**3324175271**

Item:

**SIL24-1A75-71M**

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Total weight			2,4		g
Packaging				tube per 25 pcs.	

Modifications in the sense of technical progress are reserved

Designed at: 25.09.07 Designed by: THAUKE  
Last Change at: 17.09.12 Last Change by: NMHAI

Approval at: 26.09.07 Approval by: JHEYDER  
Approval at: 19.09.12 Approval by: CRUF

Version: 5