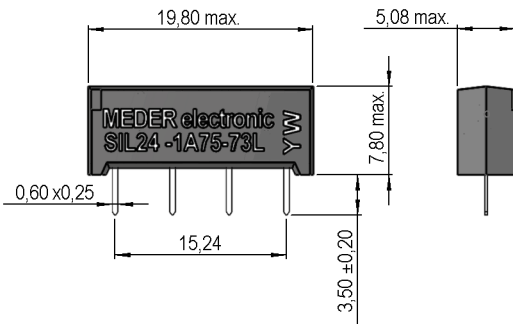
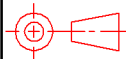
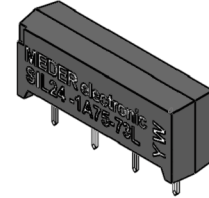
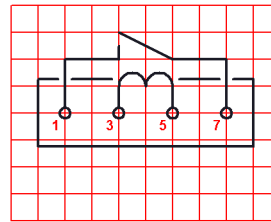


## Preliminary Datasheet

### Dimensions



### Layout 71D Pitch 2.54 / Top View



tolerances according to DIN ISO 2768 m

### MARKING

MEDER-label, type  
 Production code EN60062/factory code  
 MEDER-Logo, Typ  
 Produktionscode EN60062/Fertigungsstätte

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
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

Contact data 75	Conditions	Min	Typ	Max	Unit
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			TOhm
Breakdown voltage	according to IEC 255-5	1.500			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

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	4			kV DC
Insulation resistance Coil/Contact	RH <45%, 100 VDC test voltage	10			TOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Case colour			black		
Housing material			epoxy resin		
Connection pins					
Magnetic Shield			no		
Approval			UL- File-No.NRNT2. E156887		
Approval			UL File No. NRNT8.E156887		
Reach / RoHS conformity			yes		

Modifications in the sense of technical progress are reserved

Designed at: 11.03.04    Designed by: SCHELLHORN    Approval at: 07.09.09    Approval by: KSCHIELENSKI  
 Last Change at: 29.03.10    Last Change by: KSTOPPEL    Approval at:    Approval by:

Version: 3



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Item No.:  
**3324175073**  
Item:  
**SIL24-1A75-73L**

## Preliminary Datasheet

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		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Total weight			1,5		g
Packaging			Stange 25 pcs.		

Modifications in the sense of technical progress are reserved

Designed at: 11.03.04    Designed by: SCHELLHORN  
Last Change at: 29.03.10    Last Change by: KSTOPPEL

Approval at: 07.09.09    Approval by: KSCHIELENSKI  
Approval at:    Approval by:

Version: 3