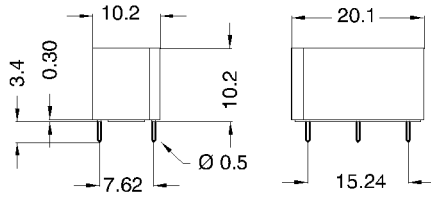


**DIMENSIONS (mm)**

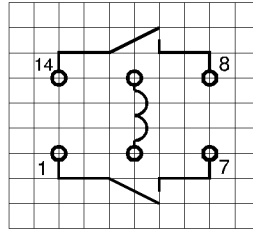


Pins: Ø0.5 mm  
 L = 3.4±0.3 mm  
 Material: Cu-alloy tinned



**LAYOUT (24L)**

pitch 2.54 mm/Top view



**MARKING**



MEDER-Label  
 Type  
 Production code,  
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		612	680	748	Ohm
Coil voltage			12		VDC
Rated power			211		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 71	Conditions	Min	Typ	Max	Unit
Contact-No.			71		
Contact-form			A		
Contact-material			Ruthenium		
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1,25	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1.000			GOhm
Breakdown voltage	according to IEC 255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	10			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	4			kV DC
Housing material			PBT glass fibre reinforced		
Connection pins			Copper alloy tin plated		

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-25		85	°C

Modifications in the sense of technical progress are reserved

Designed at: 16.03.06 Designed by: WKOVACS  
 Last Change at: 16.03.06 Last Change by: WKOVACS

Approval at: Approval by: RUDI RIPPL  
 Approval at: 28.10.08 Approval by: KOLBRICH

Version: 01



*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.:  
**1312271024**  
Item:  
**DIL12-2A66-24L**  
**DIL12-2A71-24L**

Environmental data	Conditions	Min	Typ	Max	Unit
Soldering temperature	wave soldering max. 5 sec			260	°C
Cleaning		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 16.03.06    Designed by: WKOVACS  
Last Change at: 16.03.06    Last Change by: WKOVACS

Approval at:                      Approval by: RUDI RIPPL  
Approval at: 28.10.08    Approval by: KOLBRICH

Version: 01