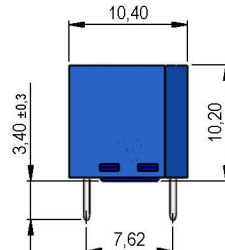
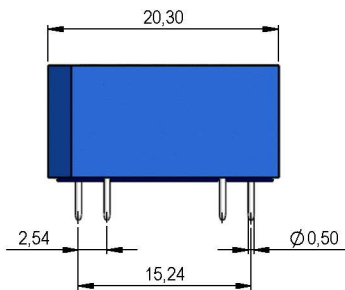
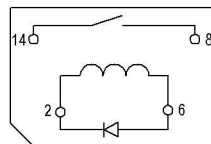


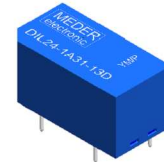
**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



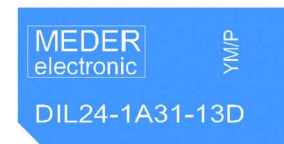
**Layout**  
 Top view  
 Draufsicht



**Isometric**  
 Scale 1:1  
 Maßstab 1:1



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



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.530	1.700	1.870	Ohm
Coil voltage			24		VDC
Rated power			338		mW
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			VDC

Contact data 31	Conditions	Min	Typ	Max	Unit
Contact-material	independent on position	Hg			
Switching suitability		bounce free			
Contact rating	Any DC combination of V & A up to 500V max. 50W, with 1000V max. 5W			50	W
Switching voltage	DC or Peak AC			500	V
Switching current	DC or Peak AC			2	A
Carry current	DC or Peak AC			2	A
Contact resistance static	Measured with 40% overdrive Start Value			80	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	1,5			kV DC
Operate time incl. bounce	measured with 40% overdrive			1,2	ms
Release Time	measured with no coil excitation			1	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts		1			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	4,25			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Case colour		blue			
Housing material		PBT glass fibre reinforced			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
Magnetic Shield		no			
Reach / RoHS conformity		no			

Modifications in the sense of technical progress are reserved

Designed at: 24.01.11 Designed by: WKOVACS  
 Last Change at: 15.11.12 Last Change by: WKOVACS

Approval at: 25.01.11 Approval by: CRUF  
 Approval at: 23.11.12 Approval by: SSSCHNECKENBURGER

Version: 04



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Item No.:  
**1324131113**  
Item:  
**DIL24-1A31-13D**

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		55	°C
Storage temperature		-20		55	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			5		g
Packaging		plastic tube a 25 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 24.01.11 Designed by: WKOVACS  
Last Change at: 15.11.12 Last Change by: WKOVACS

Approval at: 25.01.11 Approval by: CRUF

Approval at: 23.11.12 Approval by: SSSCHNECKENBURGER Version: 04