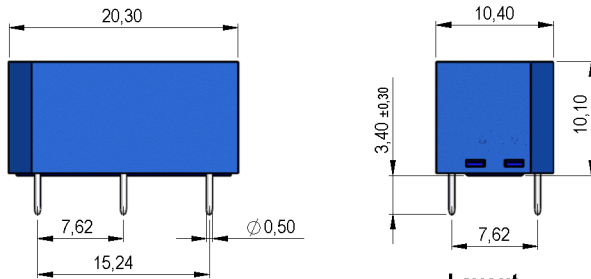


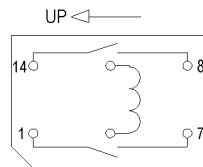
### Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



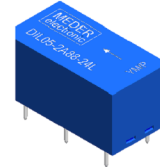
### Layout

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		54	60	66	Ohm
Coil voltage			5		VDC
Rated power			417		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			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	1.500			VDC
Operate time incl. bounce				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		2			
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			



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Item No.:  
**1305288024**  
Item:  
**DIL05-2A88-24L**

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		-20		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

General data	Conditions	Min	Typ	Max	Unit
Packaging					plastic tube a 25 pcs.

Modifications in the sense of technical progress are reserved

Designed at: 08.10.12    Designed by: NMIHAI  
Last Change at: 17.01.14    Last Change by: WKOVACS

Approval at: 19.12.12    Approval by: SSCHNECKENBURGER  
Approval at: 20.01.14    Approval by: DKUECHLER

Rev. No.: 03