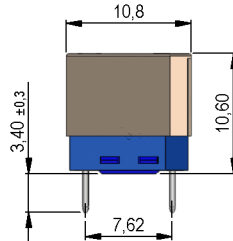
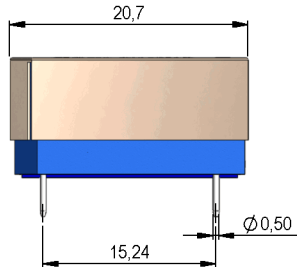
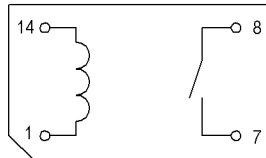


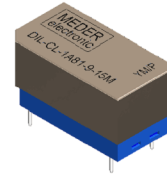
**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



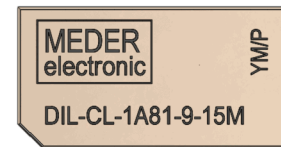
**Layout**  
 Top view  
 Draufsicht



**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		8,1	9	9,9	Ohm
Coil current			20		mA
Pull-In current				15	mA
Drop-Out current		5			mA

Contact data 81	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			5	W
Switching voltage	DC or Peak AC			90	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	1			GOhm
Breakdown voltage	according to EN 60255-5	100			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,2		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 + metal cover	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
Magnetic Shield				yes	
Reach / RoHS conformity				yes	



*Products for tomorrow...*

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Item No.:  
**1310009015**  
Item:  
**DIL-CL-1A81-9-15M**

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
Packaging					plastic tube 24 pcs./each

Modifications in the sense of technical progress are reserved

Designed at: 27.05.08 Designed by: MPOTUZAK  
Last Change at: 04.12.12 Last Change by: WKOVACS

Approval at: 27.05.08 Approval by: DSTASTNY

Approval at: 20.12.12 Approval by: SSSCHNECKENBURGER Version: 04