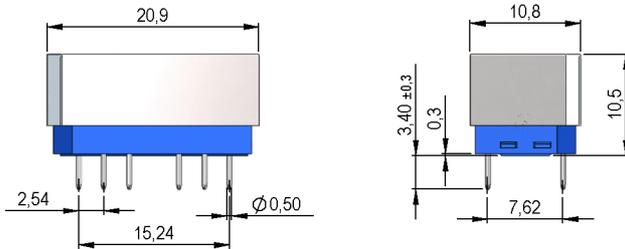
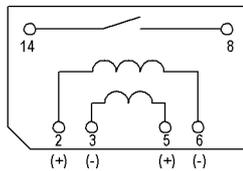


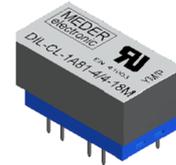
Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m



Layout
 Top view
 Draufsicht



Isometric
 Scale 1:2
 Maßstab 1:2



Marking

according to EN60062/factory code
 gem. EN60062/Fertigungsstätte



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance S1		3,6	4	4,4	Ohm
Coil resistance S2		3,6	4	4,4	Ohm
Coil current				429	mA
Pull-In current				15	mA
Drop-Out current		5			mA

Contact data 87	Conditions	Min	Typ	Max	Unit
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			0,4	A
Carry current	DC or Peak AC			0,5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm

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	4,25			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Insulating voltage coil1/coil2		100			VDC
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	



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Item No.:

1318144018

Item:

DIL-CL-1A81-4/4-18M

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			5,2		g
Packaging					plastic tube 24 pcs./each

Modifications in the sense of technical progress are reserved

Designed at: 12.07.07 Designed by: WKOVACS

Approval at: 09.02.11 Approval by: CRUF

Last Change at: 18.06.15 Last Change by: DSTASTNY

Approval at: 18.06.15 Approval by: DSTASTNY

Version: 05