

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		405	450	495	Ohm
Coil voltage			5		VDC
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<21 AT)	DC or Peak AC			200	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			150	mOhm
Breakdown voltage (>20 AT)	according to IEC 255-5	250			VDC
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		pF

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

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



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Item No.:
1305100211
Item:
DIL05-1A66-11D
DIL05-1A71-11D

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

Modifications in the sense of technical progress are reserved

Designed at: 20.07.11 Designed by: KYANG
Last Change at: Last Change by:

Approval at: 16.08.11 Approval by: CRUF
Approval at: Approval by:

Version: 01