

### Preliminary Datasheet

**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		612	680	136	Ohm
Coil voltage			12		VDC
Rated power			211		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			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 (>20 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
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (>20 AT)	according to EN 60255-5	225			VDC
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
Number of contacts				2	
Contact - form				A - NO	
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				blue	
Housing material				PBT glass fibre reinforced	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
Reach / RoHS conformity				yes	



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Item No.:  
**1312200421**  
 Item:  
**DIL12-2A66-21F**  
**DIL12-2A71-21F**

*Products for Homocrowd...*

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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		-35		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

Approval at:

Approval by:

Last Change at:                      Last Change by:

Approval at:

Approval by:

Version: 01