



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.215	1.350	1.485	Ohm
Coil voltage			24		VDC
Rated power			427		mW
Pull-In voltage				16,8	VDC
Drop-Out voltage		3,6			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	100			GOhm
Breakdown voltage	according to EN 60255-5	1,5			kV DC
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	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			no		



Products for
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Item No.:

1324231021

Item:

DIL24-2A31-21L

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: 26.06.06 Designed by: WKOVACS

Approval at: Approval by: RUDI RIPPL

Last Change at: 30.10.12 Last Change by: NMHAI

Approval at: 26.11.12 Approval by: SSCHNECKENBURGER Version: 05