



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.935	2.150	2.365	Ohm
Coil voltage			24		VDC
Rated power			264		mW
Coil current			11		mA
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	1.500			VDC
Release Time	measured with no coil excitation			1	ms
Operate time, bounce free	measured with nominal voltage at 20°C			1,2	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	5			TOhm
Housing material		epoxy resin			
Connection pins		FeNi42, tin plated			



Products for tomorrow...

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Item:
DIP24-1A31-16D

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		25 pcs. per tube			

Modifications in the sense of technical progress are reserved

Designed at: 06.06.12 Designed by: THAUKE

Approval at: 20.07.12 Approval by: CRUF

Last Change at: Last Change by:

Approval at: Approval by:

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