



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.710	1.900	2.090	Ohm
Coil voltage			24		VDC
Rated power			303		mW
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 52	Conditions	Min	Typ	Max	Unit
Contact-No.			52		
Contact-form			A		
Contact-material			Rhodium		
Contact rating	consider any combination of V & A AC RMS 70 VA			50	W
Switching voltage	DC or Peak AC			350	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			2,5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Contact resistance dynamic	Difference value 1,5 ms after excitation			20	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (<36 AT)	according to EN 60255-5	500			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Dielectric Strength Coil/Contact	according to EN 60255-5	2			kV DC
Housing material			PC-Makrolon GV30		
Sealing compound			Polyurethan		
Connection pins			Cu-alloy tinned		
Number of contacts			4		

Environmental data	Conditions	Min	Typ	Max	Unit
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Item No.:
8224474000
Item:
MRE24-4A74

Products for tomorrow...

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			

Modifications in the sense of technical progress are reserved

Designed at: 20.10.10 Designed by: OMUELLER
Last Change at: 11.05.12 Last Change by: CRUF

Approval at: 20.10.10 Approval by: CRUF
Approval at: 11.05.12 Approval by: CRUF

Version: 02