



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		945	1.050	1.155	Ohm
Coil voltage			24		VDC
Rated power			549		mW
Pull-In voltage				18	VDC
Drop-Out voltage		3,5			VDC

Contact data 83	Conditions	Min	Typ	Max	Unit
Contact-form				A - NO	
Contact-material				Tungsten	
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			7.500	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Contact resistance	Maximum value 1,5 ms after excitation Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to IEC 255-5	10.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3,2	ms
Release time	measured with no coil excitation			1,5	ms

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	7,5			kVAC
Housing material				Polycarbonat	
Sealing compound				Polyurethan	

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11 ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Storage temperature		-35		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Cleaning				fully sealed	
Remarks 1.				High voltage relay for pcb mounting with HV cable	

Modifications in the sense of technical progress are reserved

Designed at: 01.10.08 Designed by: MPOTUZAK
 Last Change at: Last Change by:

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