

Magnetic properties	Conditions	Min	Typ	Max	Unit
Test equipment		PV 057			

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-form		C			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			3	W
Switching voltage	DC or Peak AC/ with 40% overdrive			30	V
Switching current	DC or Peak AC/with 40% overdrive			0,2	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to EN 60255-5	150			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Housing material		PA 6, Typ MIRAMID VE, black 811,			
Housing material		Producer: Leuna			
Sealing compound		1. Elastosil RT K, Wacker-Chemie GmbH, Wacker-Silicon			
Sealing compound		Hans Seidel Platz 4, D-81737 München,			
Sealing compound		Vulcanising of two components silicon-cautchucs,			
Sealing compound		colour lightgrey, vulcanisation adding of cross linking Hard			
Sealing compound		Mixing: Elastosil/Hardener T 50:1, handling time 90 min.,			
Sealing compound		vulcanisation time: 7-8 h (non-adhesive) or			
Sealing compound		Elastosil/Harder T 25:1, handling time 30 min.,			
Sealing compound		vulcanisation time 3-4 h (non-adhesive)			
Sealing compound		2. Polyurethan PU 570, Wevo-Chemie GmbH,			
Sealing compound		Mergenthalerstr.13, D-73760 Ostfildern-Kemnat			
Sealing compound		colour dark grey, useful temperature range: -40 to 130°C			
Sealing compound		Mixing: PU 570/Harder 300 in 5:1 ratio by weght.			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			35	g
Operating temperature		-40		60	°C
Storage temperature		-40		60	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type		oil resistant round cable H05RN-F, black,			
Cable type		3x0,75 mm², Uo / U : 300/500			
Cable type		colour of wires: brown, blue, green/yellow			

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