

Excellent Integrated System Limited

Stocking Distributor

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[Standex-Meder Electronics](#)
[NP05-2A66-500-220](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

<p><i>Products for tomorrow...</i></p>	Europe: +49 / 7731 8399 0 Email: info@meder.com	Item No.:
	USA: +1 / 508 295 0771 Email: salesusa@meder.com	3105271220
	Asia: +852 / 2955 1682 Email: salesasia@meder.com	Item: NP05-2A66-500-220 NP05-2A71-500-220

Dimensions mm[inch]
tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

Layout
Top view
 Draufsicht


Isometric
Scale 1:1
 Maßstab 1:1

Marking
according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Coil voltage			5		VDC
Rated power			50		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 66	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (>20 AT)	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 VDC test voltage	10			GOhm
Breakdown voltage (>20 AT)	according to EN 60255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacitance	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts				1	
Contact - form				A - NO	
Dielectric Strength Coil/Contact	according to EN 60255-5	2,12			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	10			GOhm
Case colour				silver metallic	
Housing material				Metal	
Sealing compound				Voltatex CE 12 FW-UL	
Connection pins				Copper alloy tin plated	
Magnetic Shield				no	
Reach / RoHS conformity				yes	

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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		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			6,5		g
Packaging		plastic tube a 48 pcs.			