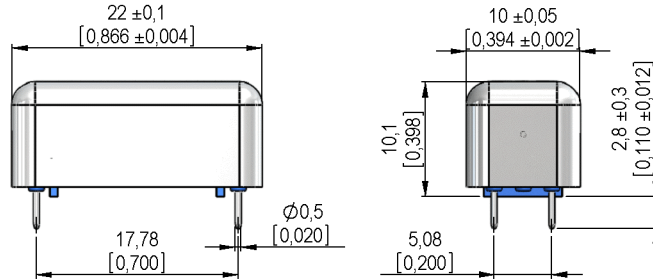


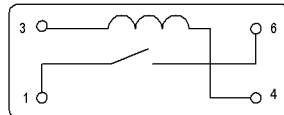
Dimensions mm[inch]

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		2.250	2.500	2.750	Ohm
Coil voltage			12		VDC
Rated power			57		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			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			1,25	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	225			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,2		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 test 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	



Products for tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
3112171310
Item:
NP12-1A66-2500-210
NP12-1A71-2500-210

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			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			6,2		g
Packaging		plastic tube a 48 pcs.			

Modifications in the sense of technical progress are reserved

Designed at: 28.06.06 Designed by: WKOVACS
Last Change at: 22.10.10 Last Change by: WKOVACS

Approval at: 10.07.08 Approval by: DSTASTNY
Approval at: 07.12.11 Approval by: CRUF

Version: 03