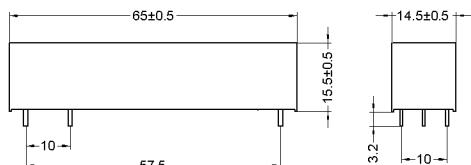
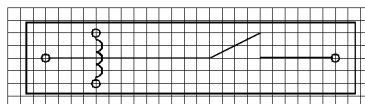


DIMENSIONS (mm)



LAYOUT

pitch 2.5 mm/Top view



MARKING



PINS

Pins: Ø0.8 mm

L = 3.2±0.3 mm

Material: Cu-alloy tinned

MARKING

MEDER-Label

Type/Layout

Production code,

EN60062/Factory code

unspecified tolerances acc. to DIN ISO 2768-m



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		108	120	132	Ohm
Coil voltage			6		VDC
Rated power			300		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		26		K/W
Pull-In voltage				4,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 16	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			250	W
Switching voltage	DC or Peak AC			250	VDC/VAC
Switching current	DC or Peak AC			1,5	A
Carry current	<= 2,5 ms			5	A
Contact resistance static	Measured with 40% overdrive Start value			80	mOhm
Insulation resistance	RH <45 %, 100 V test Voltage				TOhm
Breakdown voltage	according to IEC 255-5	0,8			kV DC
Operate time incl. bounce	measured with 40% overdrive			4	ms
Release time	measured with no coil excitation			0,2	ms
Capacity	@ 10 kHz across open switch		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			1		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	6			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Case colour					
Housing material			Polycarbonat		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield					
Reach / RoHS conformity			yes		



*Products for
Homovision...*

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.:

8506116000

Item:

HE06-1A16

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		-35		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 17.03.09 Designed by: MPOTUZAK

Approval at: 26.03.09 Approval by: KOLBRICH

Last Change at: 08.12.10 Last Change by: WKOVACS

Approval at: 08.12.10 Approval by: CRUF

Version: 06