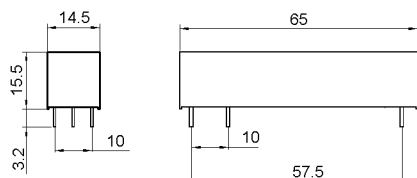


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DIMENSIONS (mm)



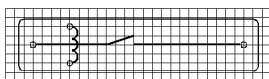
PINS

Pins: Ø0.8 mm  
 L = 3.2±0.3 mm



LAYOUT

pitch 2.5 mm/Top view



MARKING



MARKING

MEDER-Label  
 Type/Layout  
 Production code,  
 EN60062/Factory code

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		1.710	1.900	2.090	Ohm
Coil voltage			24		VDC
Rated power			303		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		26		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		2			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	DC or Peak AC			1,5	A
Contact resistance static	Measured with 40% overdrive Start value			80	mOhm
Insulation resistance	RH <45 %, 100 V test Voltage			1	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				no	
Reach / RoHS conformity				yes	

Modifications in the sense of technical progress are reserved

Designed at: 29.06.09 Designed by: WKOVACS  
 Last Change at: 25.07.11 Last Change by: CRUF

Approval at: 29.06.09 Approval by: KOLBRICH  
 Approval at: 25.07.11 Approval by: CRUF

Version: 03



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Item No.:  
**8524116000**  
Item:  
**HE24-1A16**

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

General data	Conditions	Min	Typ	Max	Unit
Packaging					VPE

Modifications in the sense of technical progress are reserved

Designed at: 29.06.09 Designed by: WKOVACS  
Last Change at: 25.07.11 Last Change by: CRUF

Approval at: 29.06.09 Approval by: KOLBRICH  
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Version: 03