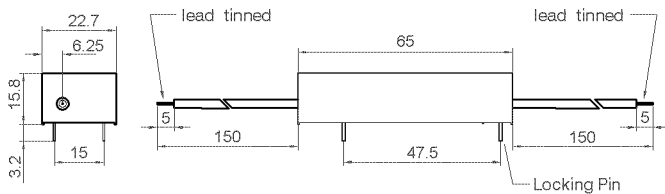
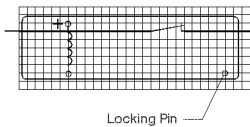


DIMENSIONS (mm)



LAYOUT

pitch 2.5 mm/Top view



MARKING



PINS

Pins: $\varnothing 0.8$ mm
 L = 3.2 ± 0.3 mm
 Material: Cu-alloy tinned

CABLE

silicone high-voltage wire AWG20
 UL-Style 3239
 L = 150 mm

MARKING

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



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		94	105	116	Ohm
Coil voltage			6	7,5	VDC
Rated power			342		mW
Pull-In voltage				4,5	VDC
Drop-Out voltage		1			VDC

Contact data 83	Conditions	Min	Typ	Max	Unit
Contact-form		B - NC			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			7.500	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			TOhm
Breakdown voltage	according to IEC 255-5	10			kV DC
Operate time incl. bounce	measured with 40% overdrive			3,2	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance	@ 10 kHz across open switch		1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Isolation voltage Coil/Contact	according to IEC 255-5	7,5			kV DC
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
number of contacts		1			



Products for tomorrow...

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Item No.:
8506183152
Item:
HE06-1B83-150

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		70	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Cleaning		fully sealed			

Modifications in the sense of technical progress are reserved

Designed at: 17.08.09 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: 18.08.09 Approval by: KOLBRICH
Approval at: Approval by:

Version: 01