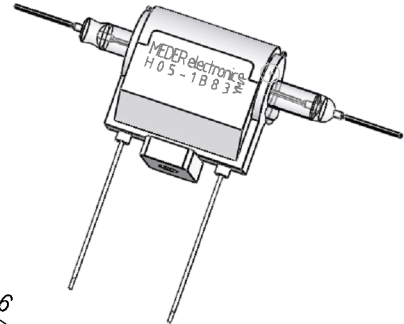
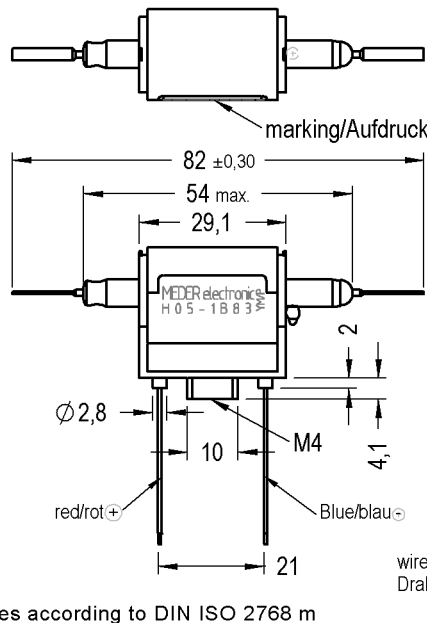
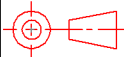


Preliminary Datasheet



Marking / Aufdruck

MEDER label, type
 Production code EN60062/
 factory code
 MEDER Logo, Typ
 Productionscode
 EN60062/Fertigungsstätte



tolerances according to DIN ISO 2768 m

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		36	40	44	Ohm
Coil voltage			5		VDC
Rated power			625		mW
Coil current			999		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		999		K/W
Inductance			999		mH
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,75			VDC

Contact data 83	Conditions	Min	Typ	Max	Unit
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	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
Number of contacts			1		
Contact - form			B - NC		
Dielectric Strength Coil/Contact	according to IEC 255-5	15			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Capacity Coil/Contact	@ 10 kHz		999		pF
Case colour					
Housing material			Crastin, SK 645FR, rated 94V-0, 140 °C, E.I. Dupont		
Sealing compound					
Connection pins			coil with wire terminals		
Magnetic Shield					
Reach / RoHS conformity			yes		



Products for tomorrow...

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Item No.:
1905183210
Item:
H05-1B83

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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			999		g
Packaging					

Modifications in the sense of technical progress are reserved

Designed at: 28.05.08 Designed by: ALICHTENSTEIN Approval at: 16.06.08 Approval by: KOLBRICH
Last Change at: 11.11.09 Last Change by: SERVICES_EUROPE Approval at: Approval by:

Version: 04