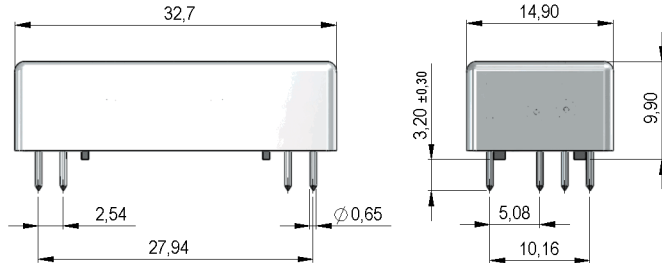


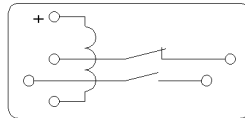
**Dimensions mm[inch]**

tolerances acc. to DIN ISO 2768-m  
Toleranzen gem. DIN ISO 2768-m



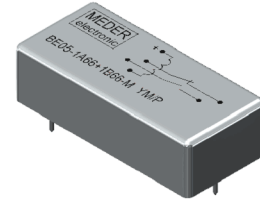
**Layout**

Top view  
Draufsicht



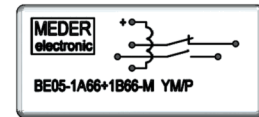
**Isometric**

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		49,5	55	60,5	Ohm
Coil voltage			5		VDC
Rated power			455		mW
Pull-In voltage				3,5	VDC
Drop-Out voltage		0,25			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
Contact resistance dynamic	Maximum value 1,5 ms after excitation Start Value			200	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				2	
Contact - form				1A1B	
Dielectric Strength Coil/Contact	according to EN 60255-5	2			kV AC
Insulation resistance Coil/Contact	RH <45%, 200 VDC Measuring Voltage	1			TOhm
Case colour				silver metallic	
Housing material				Metal	
Sealing compound				Polyurethan	
Connection pins				Copper alloy tin plated	
Magnetic Shield				yes	
Reach / RoHS conformity				yes	



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Item No.:

**8805271400**

Item:

**BE05-1A+1B66-M**

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

Modifications in the sense of technical progress are reserved

Designed at: 02.12.14    Designed by: DSTASTNY

Approval at: 08.12.14    Approval by: DSTASTNY

Last Change at:            Last Change by:

Approval at:            Approval by:

Version: 01