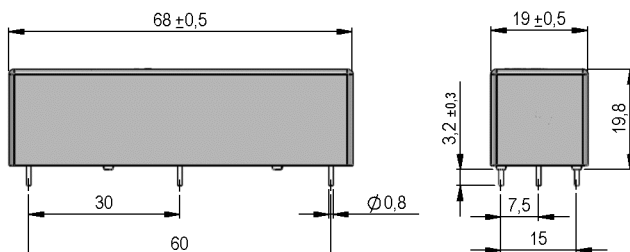


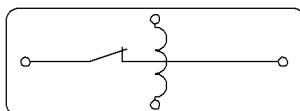
Dimensions mm[inch]

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



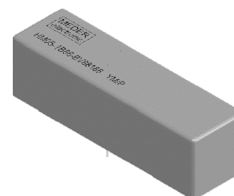
Layout

Top view
Draufsicht



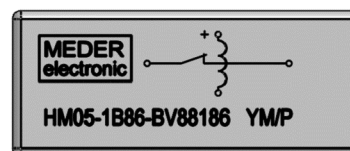
Isometric

Scale 1:2
Maßstab 1:2



Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		40	45	50	Ohm
Coil voltage			5		VDC
Pull-In voltage				3,8	VDC
Drop-Out voltage		0,5			VDC

Contact Data 86	Conditions	Min	Typ	Max	Unit
Contact-form		B-NC			
Contact-material		Tungsten Bar and Plate			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			200	W
Switching Voltage	DC or Peak AC			2.500	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5,7	A
Contact resistance static	Measured with 40% overdrive Start Value			0,5	Ohm
Insulation resistance	RH <45 %, 100V - to all points	10			GOhm
Breakdown voltage	according to EN 60255-5	8.000			VDC
Operate time incl. bounce	measured with 40% overdrive			5,8	ms
Release time	measured with no coil excitation			0,8	ms
Capacitance	@ 10 kHz across open switch		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	10			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Case color		grey			
Housing material		Polycarbonat			
Sealing compound		Polyurethan			
Connection pins		cu-alloy tinned			
Reach / RoHS conformity		yes			

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



*Products for
Homomax...*

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.:

8405188186

Item:

HM05-1B86-BV88186

Environmental data	Conditions	Min	Typ	Max	Unit
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: 07.11.12 Designed by: DRUDOLF

Approval at: 07.11.12 Approval by: DRUDOLF

Last Change at: Last Change by:

Approval at: Approval by:

Rev. No.: 01