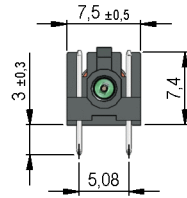
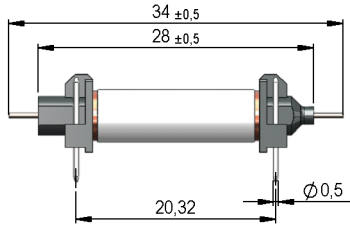
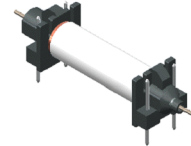


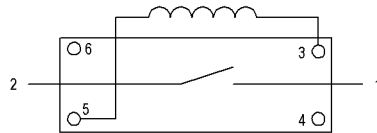
Dimensions mm[inch]
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m



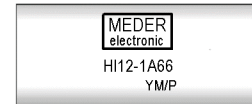
Isometric
 Scale 1:1
 Maßstab 1:1



Layout
 Top view
 Draufsicht



Marking
 according to EN60062/Factory code
 gem. EN60062/Fertigungsstätte



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		2.700	3.000	3.300	Ohm
Coil voltage			12		VDC
Rated power			48		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 66/3	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Breakdown voltage (< 20 AT)	according to EN 60255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacity	@ 10 kHz across open switch		0,2		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to EN 60255-5	2,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	100			TOhm
Case colour			black		
Housing material			PPE + PS		
Sealing compound			Silicon		
Connection pins			CuSn6, tinned		
Magnetic Shield			no		
Reach / RoHS conformity			yes		



Products for tomorrow...

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Item No.:
3912171000
Item:
HI12-1A66
HI12-1A71

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		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

General data	Conditions	Min	Typ	Max	Unit
Total weight			2,9		g
Packaging					Styrofoam tray, ESD neutral 100 pcs./each

Modifications in the sense of technical progress are reserved

Designed at: 04.07.11 Designed by: CRUF

Approval at: 28.03.12 Approval by: CRUF

Last Change at: Last Change by:

Approval at: Approval by:

Version: 01