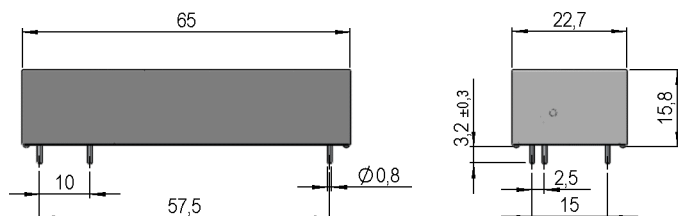
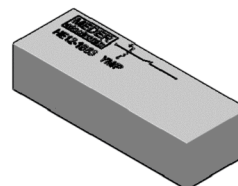
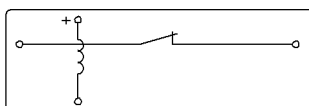
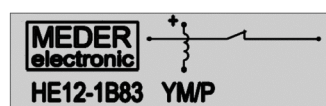


Dimensions (mm)

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

Isometric

 Scale 1:2
 Massstab 1:2

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		369	410	451	Ohm
Coil voltage			12	15	VDC
Rated power			351		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		18		K/W
Inductance			220		mH
Pull-In voltage				9	VDC
Drop-Out voltage		1			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	10			GOhm
Breakdown voltage	according to EN 60255-5	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
Number of contacts			1		
Contact - form			B - NC		
Dielectric Strength Coil/Contact	according to EN 60255-5	10			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1			TOhm
Capacity Coil/Contact	@ 10 kHz		4,6		pF
Case colour			gray		
Housing material			Polycarbonat		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		
Remark			observe the coil polarity		
Remarks			Minimum distance of 30mm to the neighboring relays		



Products for tomorrow...

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Item No.:

8512183500

Item:

HE12-1B83

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		-35		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability		fully sealed			

General data	Conditions	Min	Typ	Max	Unit
Total weight			48		g
Packaging		Styropor Pallette, ESD neutral 10 pcs./each			

Modifications in the sense of technical progress are reserved

Designed at: 10.11.09 Designed by: WKOVACS

Approval at: 05.07.10 Approval by: KOLBRICH

Last Change at: 09.11.12 Last Change by: SSCHNECKENBURGER

Approval at: 09.11.12 Approval by: SSCHNECKENBURGER Version: 05

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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