

Preliminary Datasheet

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		273	303	333	Ohm
Coil voltage			12		VDC
Rated power			475		mW
Thermal resistance			40		K/W
Pull-In voltage				8,4	VDC
Coil voltage				15	VDC
Drop-Out voltage		0,7			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
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			4		
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		

Environmental data	Conditions	Min	Typ	Max	Unit
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Modifications in the sense of technical progress are reserved

Designed at: 06.08.13 Designed by: WKOVACS
 Last Change at: Last Change by:

Approval at: Approval by:
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Version: 01



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Item No.:
8812471400
Item:
BE12-2A/2B66-M
BE12-2A/2B71-M

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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			

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