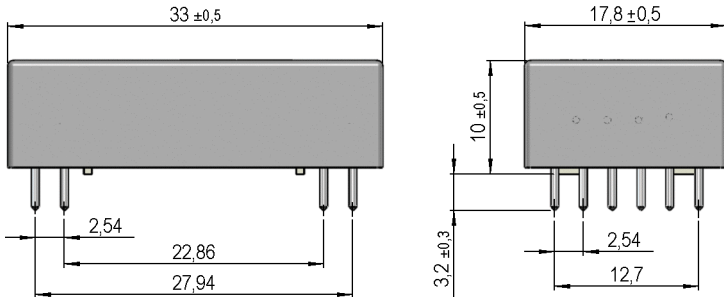


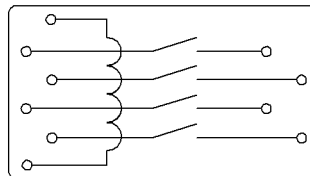
Dimensions (mm)

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



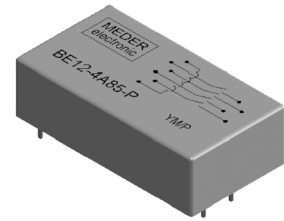
Layout

Top View
 Draufsicht



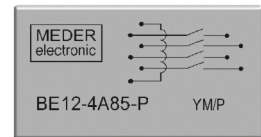
Isometric

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		236	262	288	Ohm
Coil voltage			12		VDC
Rated power			550		mW
Coil current			46		mA
Pull-In voltage				8,4	VDC
Drop-Out voltage		0,77			VDC

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching voltage	DC or Peak AC			1.000	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC 100% Duty Cycle			2,5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (<20 AT)		2.000			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil excitation			0,1	ms
Capacitance	@ 10 kHz across open switch		0,5		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts			4		
Contact - form			A - NO		
Dielectric Strength Coil/Contact	according to IEC 255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Case colour			gray		
Housing material			Polycarbonat		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Magnetic Shield			no		
Reach / RoHS conformity			yes		



Products for tomorrow...

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Item No.:
8812485300
Item:
BE12-4A85-P

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

General data	Conditions	Min	Typ	Max	Unit
Total weight			11,5		g
Packaging					tube a 28 pcs.

Modifications in the sense of technical progress are reserved

Designed at: 12.07.10 Designed by: WKOVACS
Last Change at: Last Change by:

Approval at: 23.07.10 Approval by: KOLBRICH
Approval at: Approval by:

Version: 01