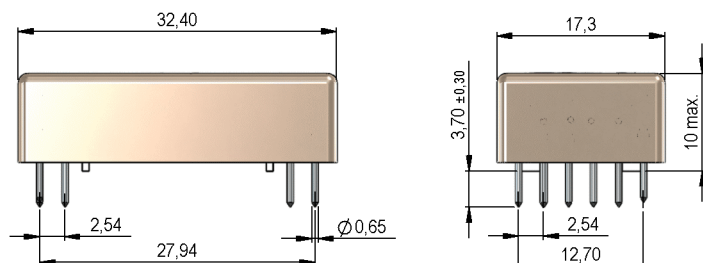


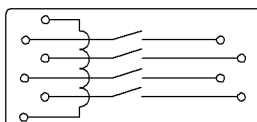
Dimensions mm[inch]

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



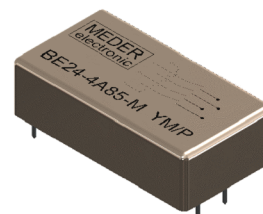
Layout

Top view
 Draufsicht



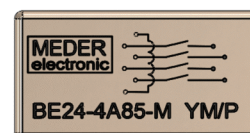
Isometric

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		887	985	1.083	Ohm
Coil voltage			24		VDC
Rated power			585		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		47		K/W
Pull-In voltage				18	VDC
Drop-Out voltage		2			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		2.000			VDC
Operate time incl. bounce	measured with 40% overdrive			1,1	ms
Release time	measured with no coil suppression			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 EN 60255-5	2			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Insul.voltage all connections/case	according to EN 60255-5	2			kV DC
Dielectric Strength Contact/Contact	according to EN 60255-5	2			kV DC
Case colour		silver metallic			
Housing material		Metal			
Sealing compound		Polyurethan			
Connection pins		Copper alloy tin plated			
Reach / RoHS conformity		yes			



Products for tomorrow...

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Item No.:

8824485200

Item:

BE24-4A85-M

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		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: 13.09.11 Designed by: WKOVACS

Approval at: 19.09.11 Approval by: CRUF

Last Change at: 01.12.11 Last Change by: WKOVACS

Approval at: 01.12.11 Approval by: CRUF

Version: 06