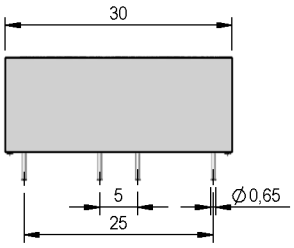
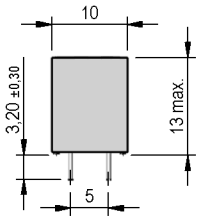
Europe: +49 / 7731 8399 0 | Email: info@standexmeder.com
USA: +1 / 508 295 0771 | Email: salesusa@standexmeder.com
Asia: +852 / 2955 1682 | Email: salesasia@standexmeder.com

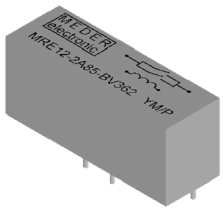
Item No.:
8212285362
Item:
MRE12-2A85-BV362

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

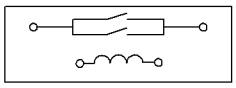




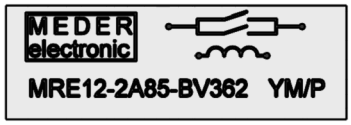
Isometric
Scale 1:1
Maßstab 1:1



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		360	400	440	Ohm
Coil voltage			12		VDC
Rated power			360		mW
Thermal resistance			80		K/W
Pull-In voltage				9	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			5	A
Contact resistance static	Measured with 40% overdrive			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (40-50 AT)	according to EN 60255-5	5.000			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		2			
Contact - form		A - NO			
Dielectric Strength Coil/Contact	according to EN 60255-5	5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC Measuring Voltage	100			GOhm
Case colour		grey			
Housing material		Polycarbonat			
Sealing compound		Polybutadien			
Connection pins		Copper alloy tin plated			
Reach / RoHS conformity		yes			

Designed at: 17.02.15 Designed by: WKOVACS Approval at: 10.03.15 Approval by: DSTASTNY
Last Change at: 09.06.15 Last Change by: DRUDOLF Approval at: 09.06.15 Approval by: DSTASTNY **Version:** 02

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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			

General data	Conditions	Min	Typ	Max	Unit
BV - Specifics		High Carry Current 5A and high Dielectric Strength			
BV - Specifics 1.		Special pin out			