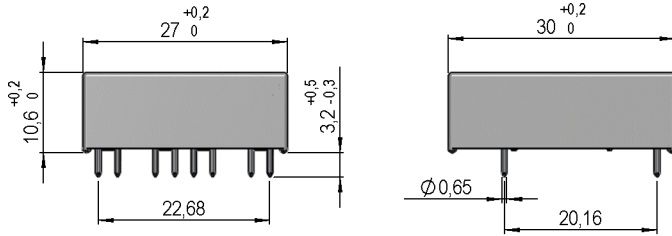


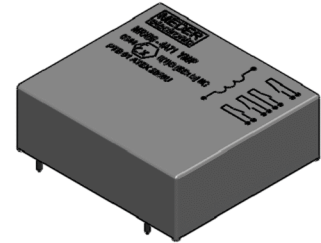
Dimensions (mm)

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



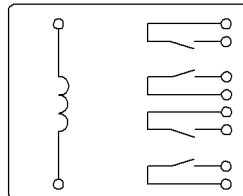
Isometric

Scale 1:1
 Massstab 1:1



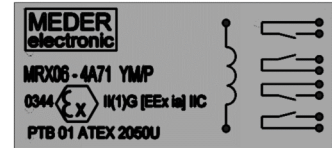
Layout

Top View
 Draufsicht



Marking

according to EN60062/factory code
 ATEX approval
 gem. EN60062/Fertigungsstätte
 ATEX Zulassung



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		112	125	138	Ohm
Coil voltage			6		VDC
Rated power			288		mW
Coil current			45		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		37		K/W
Inductance			15		mH
Pull-In voltage				4,5	VDC
Drop-Out voltage		1			VDC

Contact data 66/3	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			200	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	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 IEC 255-5	250			VDC
Operate time incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			0,05	ms
Capacity	@ 10 kHz across open switch		0,3		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	2,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	1			TOhm
Isolation voltage Contact/Contact	according to IEC 255-5	2,5			kV DC
Case color				gray	
Housing material				Polycarbonat	
Sealing compound				Polyurethan	
Magnetic Shield				no	
Connection pins				Copper alloy tin plated	
Approval				PTB 01ATEX2050 U	

Modifications in the sense of technical progress are reserved

Designed at: 15.06.10 Designed by: WKOVACS
 Last Change at: Last Change by:

Approval at: 08.07.10 Approval by: KOLBRICH
 Approval at: Approval by:

Version: 01



Products for tomorrow...

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Item No.:
8706471200
Item:
MRX06-4A71

Special Product Data	Conditions	Min	Typ	Max	Unit
Reach / RoHS conformity				yes	

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		-40		85	°C
Storage temperature		-55		125	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Total weight			12,6		g
Packaging				Tube 17pcs./each	

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Approval at: Approval by:

Version: 01