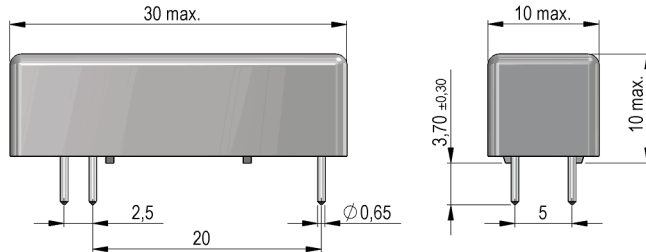
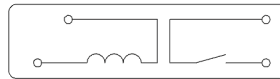


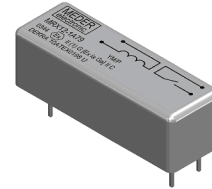
**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



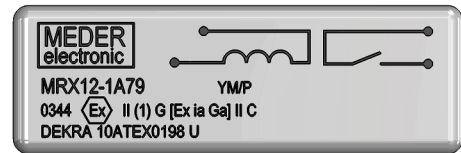
**Layout**  
 Top view  
 Draufsicht



**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		1.170	1.300	1.430	Ohm
Inductance			305		mH
Coil voltage			12		VDC
Rated power			110		mW
Thermal resistance	max. Relay temperature = operating temperature + self heating		85		K/W
Pull-In voltage				9	VDC
Drop-Out voltage		2			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact-form			A		
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			250	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 %, 200 V test voltage	100			GOhm
Breakdown voltage		400			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,2	ms

Environmental data	Conditions	Min	Typ	Max	Unit
Insulation resistance Coil/Contact	RH <45%, 200 VDC test voltage	1.000			GOhm
Insulation voltage Coil/Contact	according to IEC 255-5	2,5			kV AC
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		85	°C
Storage temperature		-40		105	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability			fully sealed		
Housing material			Plastics / Polyamid		
Sealing compound			Polyurethan		
Connection pins			Copper alloy tin plated		
Remarks			Reed-Relay to be used for the galvanic separation		
Remarks 1.			of intrinsically safe and non-intrinsically safe		
Remarks 2.			circuits with Ex-approval by DEKRA 10ATEX0198 U.		

Modifications in the sense of technical progress are reserved

Designed at: 07.12.07 Designed by: WKOVACS  
 Last Change at: 09.08.17 Last Change by: WKOVACS

Approval at: 07.12.07 Approval by: KOLBRICH  
 Approval at: 22.02.18 Approval by: DSTASTNY

Version: 06

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