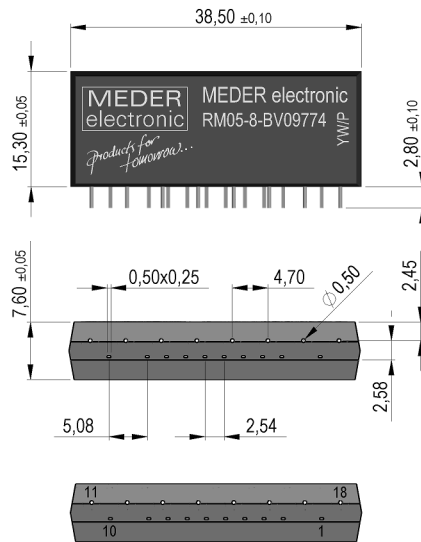
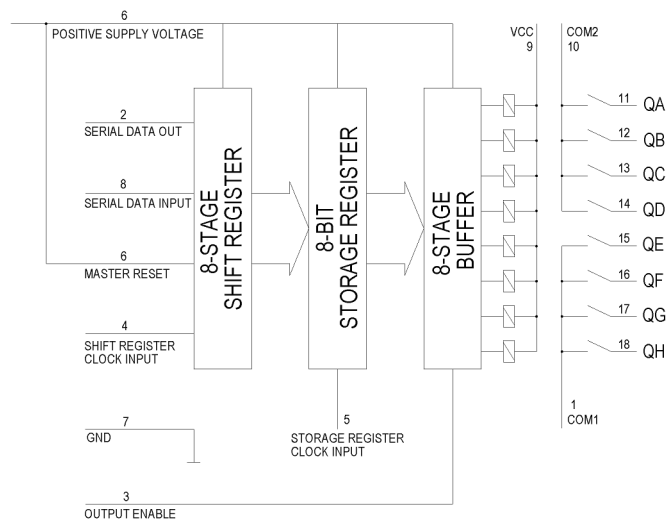


### Dimensions mm[inch]

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



### Block diagram



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		450	500	550	Ohm
Pull-In voltage				4	VDC
Drop-Out voltage		0,75			VDC

Contact data 46	Conditions	Min	Typ	Max	Unit
Contact rating	combination of switching voltage and current not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			125	V
Switching current	DC or Peak AC			1	A
Carry current	DC or Peak AC			1,5	A
Contact resistance static	Measured with 40% overdrive Start Value			100	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage	according to EN 60255-5	200			VDC
Operate time incl. bounce	measured with 40% overdrive			0,4	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,3		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Operating voltage	DC or Peak AC	4,75		5,25	V
Insulation resistance coil/switch	RH <45 %, 100 Volt test voltage	100			GOhm
Isolation voltage Coil/Contact	according to EN 60255-5	1,5			kV DC
Housing material		epoxy resin			
Connection pins		FeNi-alloy tin plated			
Connection pins		cu-alloy tinned			
Remark		IC= 8BIT shift register 74HC595			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature		-20		40	°C
Storage temperature		-35		95	°C
Soldering temperature	JEDEC Norm JESD22-A113A			260	°C
Washability		fully sealed			