DD0101

Evaluation unit for speed monitoring





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CE

Application evaluation of pulse sequences with special demands on function and technology Electrical data Nominal voltage AC [V] < 230 Nominal voltage DC [V]	Application				
Nominal voltage AC [V] < 230 Nominal voltage AC [V] < 230 Nominal voltage DC [V] 24 Nominal voltage tolerance [%] 10 Nominal voltage tolerance 2 [%] 10 Nominal frequency AC [Hz] 5060 Auxiliary energy for sensors [V] 24; (≤ 30 mA) Inputs / outputs Number of inputs and outputs Outputs Number of relay outputs 1	Application				
Nominal voltage AC [V] < 230 Nominal voltage DC [V] 24 Nominal voltage tolerance [%] 10 Nominal voltage tolerance 2 [%] 10 Nominal frequency AC [Hz] 5060 Auxiliary energy for sensors DC 24; (≤ 30 mA) Inputs / outputs Number of inputs and outputs Number of relay outputs: 1 Outputs Number of relay outputs	Application		evaluation of pulse sequences with special demands on function and technology		
Nominal voltage DC [V] 24 Nominal voltage tolerance [%] 10 Nominal voltage tolerance 2 [%] 10 Nominal frequency AC [Hz] 5060 Auxiliary energy for sensors [V] 24; (≤ 30 mA) Inputs / outputs Number of inputs and outputs Number of relay outputs: 1 Outputs Number of relay outputs	Electrical data				
Nominal voltage tolerance [%] Nominal voltage tolerance 2 [%] Nominal frequency AC [Hz] Auxiliary energy for sensors [V] DC Inputs / outputs Number of inputs and outputs Outputs Number of relay outputs Number of relay outputs 1	Nominal voltage AC	[V]	< 230		
Nominal voltage tolerance 2 [%] Nominal frequency AC [Hz] Auxiliary energy for sensors [V] DC Inputs / outputs Number of inputs and outputs Outputs Number of relay outputs 1	Nominal voltage DC	[V]	24		
Nominal frequency AC [Hz] 5060 Auxiliary energy for sensors [V] 24; (≤ 30 mA) Inputs / outputs Number of inputs and outputs Number of relay outputs: 1 Outputs Number of relay outputs 1	Nominal voltage tolerance	[%]	10		
Auxiliary energy for sensors [V] 24; (≤ 30 mA) Inputs / outputs Number of inputs and outputs Number of relay outputs: 1 Outputs Number of relay outputs 1	Nominal voltage tolerance 2 [%]		10		
Inputs / outputs Number of inputs and outputs Number of relay outputs: 1 Outputs Number of relay outputs 1	Nominal frequency AC	[Hz]	5060		
Number of inputs and outputs Outputs Number of relay outputs: 1 1	Auxiliary energy for sensors DC	[V]	24; (≤ 30 mA)		
Outputs Number of relay outputs 1	Inputs / outputs				
Number of relay outputs 1	Number of inputs and outputs	ts	Number of relay outputs: 1		
	Outputs				
Contact rating 8 A / 1250 VA / 250 V AC	Number of relay outputs		1		
	Contact rating		8 A / 1250 VA / 250 V AC		
Measuring/setting range					
Setting range [Imp/min] 33000	Setting range [Im	mp/min]	33000		
Accuracy / deviations					
Hysteresis [% of Sr] 5100	Hysteresis [%	% of Sr]	5100		
Repeatability [% of Sr] 1	Repeatability [%	% of Sr]	1		
Reaction times	Reaction times				
Start-up delay [s] 0.530	Start-up delay	[s]	0.530		

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Software / programming						
Adjustment of the switch point		fine adjustment within the range with potentiometer				
Operating conditions						
Ambient temperature [°C]	-2070				
Protection		IP 40				
Protection rating terminals		IP 20				
Mechanical data						
Material		plastics				
Displays / operating elements						
Display	Switching status		LED, green			
	Power		1 x LED, green			
Remarks						
Remarks		*) special design				
Electrical connection						
Connection						