

ZB0039



AS-Interface motor starter for three-phase motors

PowerSwitch 5A 1,5KW



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Max. current load total	[A]	0.3
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4	
Inputs		
Number of digital inputs	4	



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Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage supply [V]	20...30
Max. total current rating of inputs [mA]	140
Input current High [mA]	6...10
Input current low [mA]	0...2
Switching level high [V]	> 10
Digital inputs protected against short circuits	yes

Outputs	
Electrical design	AS-i
Number of digital outputs	4
Voltage range DC [V]	18...30; (to PELV)
Voltage range AC [V]	110...400
Max. current load per output [mA]	150; (external outputs: Short-circuit proof; reversing contactor: not protected against short circuits)
Electrically separated	yes

Operating conditions	
Ambient temperature [°C]	0...60
Protection	IP 54

Tests / approvals		
EMC	EN 50081-1	
	EN 61000-6-2	

AS-i classification	
AS-i version	2.0
Extended addressing mode	no
AS-i profile	S-7.0
AS-i I/O configuration [hex]	7
AS-i ID code [hex]	0

Mechanical data	
Weight [g]	1854.6
Type of mounting	Backplane mounting
Dimensions [mm]	180 x 182 x 90
Material	PC reinforced glass-fiber; flame-retardant; UV resistant

Displays / operating elements		
Display	Switching status	LED, yellow
	Power	LED, green
	errors	LED, red

Remarks	
Remarks	The PowerSwitch motor starter uses two outputs to trigger the reversing contactors (motor right/left/off). Two further outputs can be connected at will. The messages "motor protection activated" and "hand-held operating panel connected" are indicated via the input data bits. Sensors can be connected to two additional inputs.

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Pack quantity

1 pcs.

Electrical connection

	400 V connection and motor socket
L1	contact number 1
L2	contact number 2
L3	contact number 3
PE	reserved PE
	supply voltage connector
1	AS-i +
2	24V DC -
3	AS-i -
4	24V DC +
	output socket 2 x M12
1	I+
2/4	Input bridged
3	I-
	output socket 2 x M12
1	n.c.
2	n.c.
3	24V DC -
4	Switching output 24V DC +