

ZB0028



AS-Interface motor starter for three-phase motors

PowerSwitch 0,4A 0,09KW



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[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
Input circuit of digital inputs		PNP



AS-Interface motor starter for three-phase motors

PowerSwitch 0,4A 0,09KW

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]	1845
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.	
Pack quantity		1 pcs.



AS-Interface motor starter for three-phase motors

PowerSwitch 0,4A 0,09KW

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 +