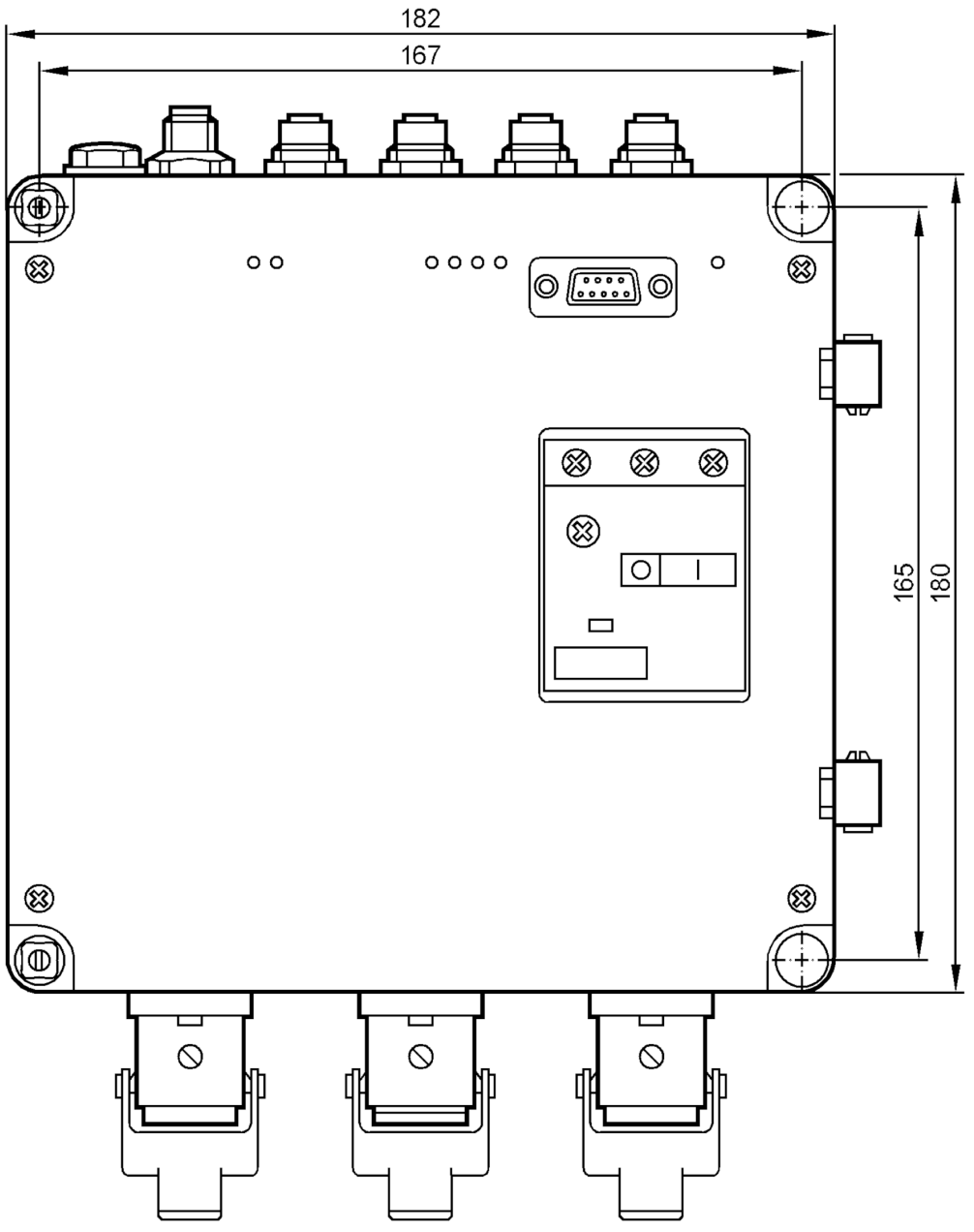
ZB0039

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
Power 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
Materials		PC glass fibre reinforced; flame-retardant; UV resistant
Displays / operating elements		
Display	switching status	LED, yellow
	operation	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	prepared for 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 +