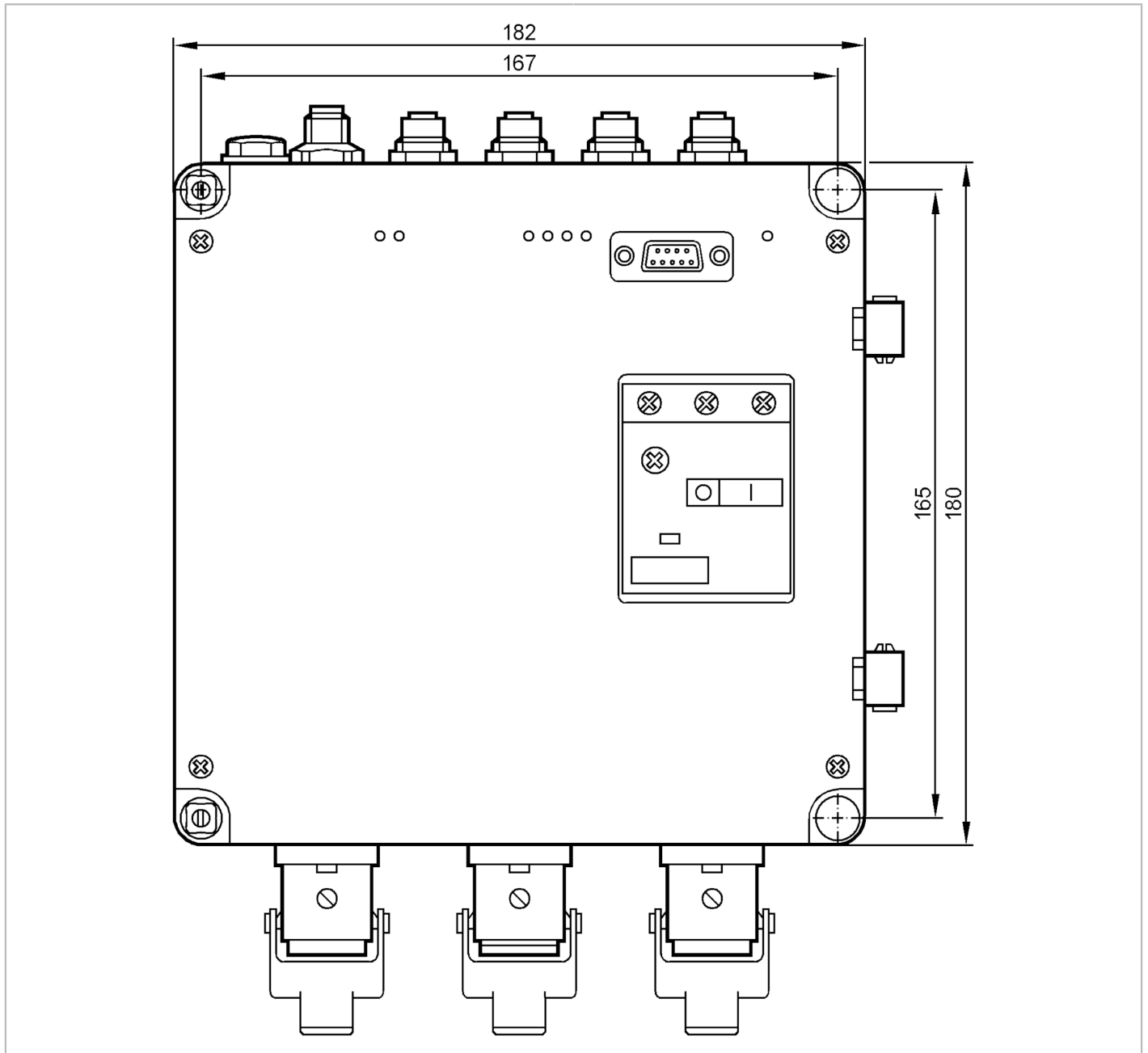


ZB0031



AS-Interface motor starter for three-phase motors

PowerSwitch 0,8A 0,18KW



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
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AS-Interface motor starter for three-phase motors

PowerSwitch 0,8A 0,18KW

Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
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
Min. switching level high signal [V]		10
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i
Outputs		
Electrical design		AS-i
Number of digital outputs		4
Voltage range DC		18...30; (to PELV)
Voltage range AC		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 possible		no
AS-i profile		S-7.0
AS-i I/O configuration [hex]		7
AS-i ID code [hex]		0
Mechanical data		
Weight [g]		1800
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

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AS-Interface motor starter for three-phase motors

PowerSwitch 0,8A 0,18KW

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.

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 +