



Danfoss Pack Controller AK-PC 782B with USB-B Installation Guide

[Home](#) » [Danfoss](#) » Danfoss Pack Controller AK-PC 782B with USB-B Installation Guide 

Contents

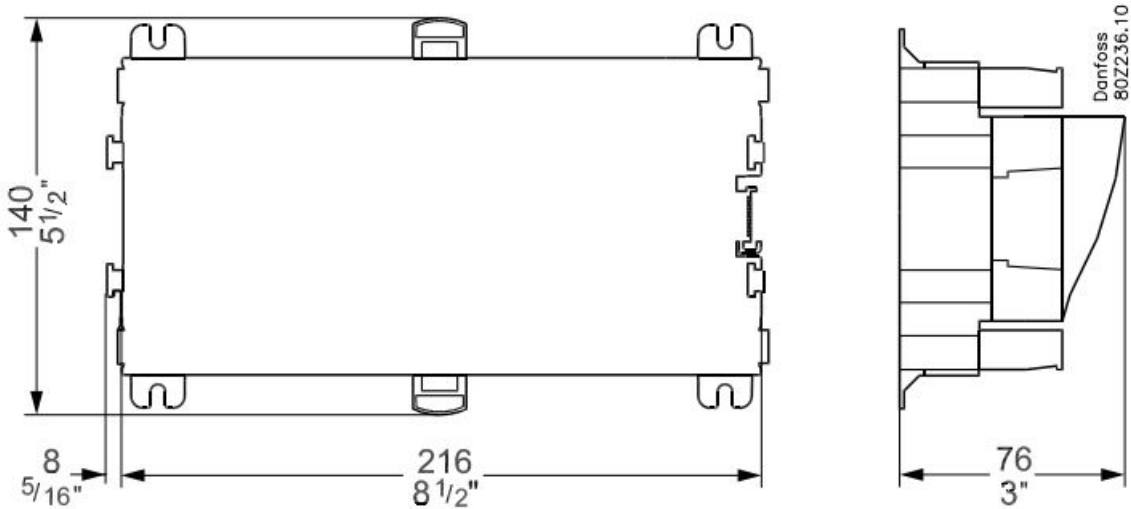
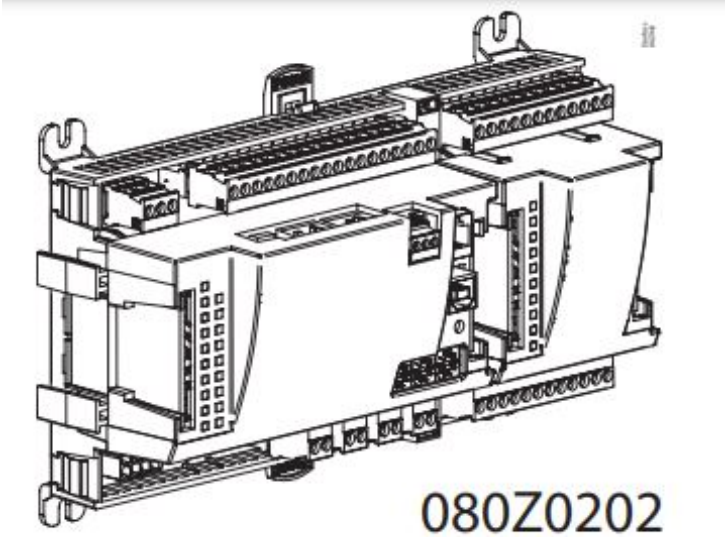
- [1 Danfoss Pack Controller AK-PC 782B with USB-B](#)
- [2 Installation Guide](#)
- [3 Point](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)



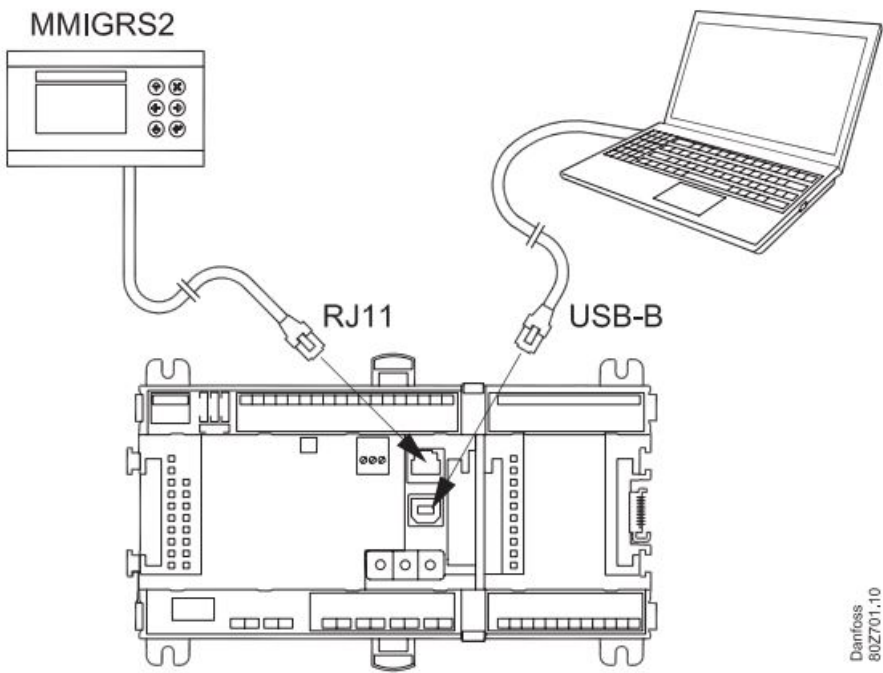
Danfoss Pack Controller AK-PC 782B with USB-B



Installation Guide

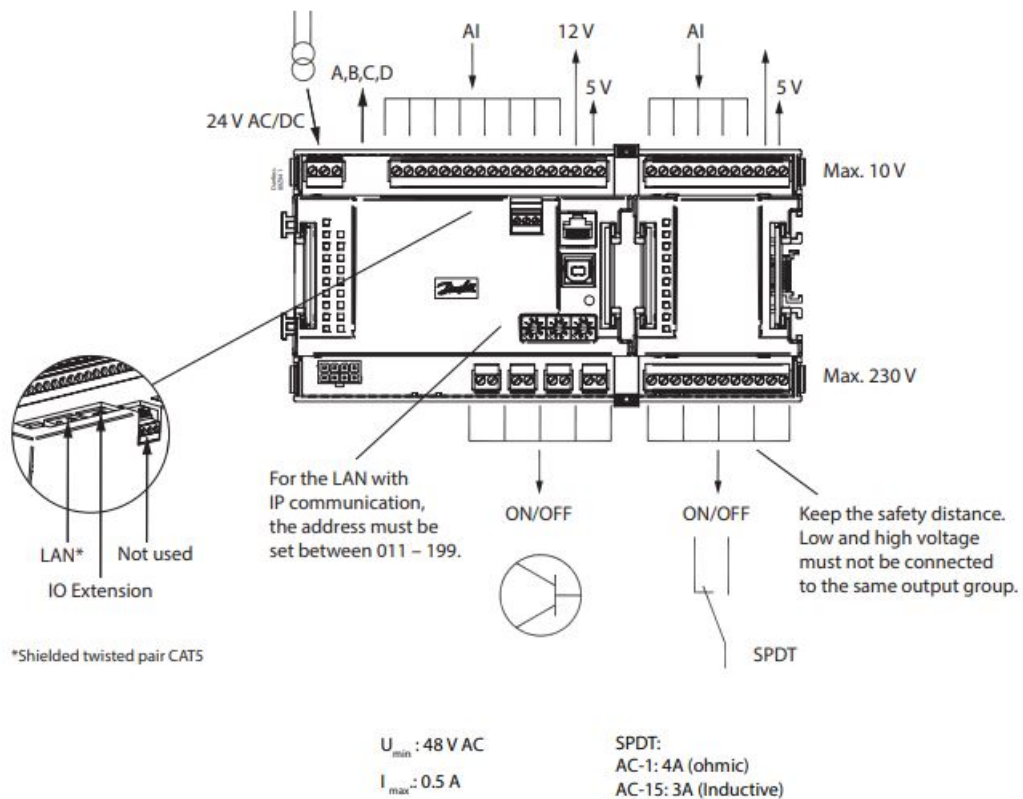


WARNING: Ensure power is disconnected before adding or removing modules.



CAUTION:

- $-20\text{ }^{\circ}\text{C} < t_{\text{amb}} < 55\text{ }^{\circ}\text{C}$
- $-0\text{ }^{\circ}\text{F} < t_{\text{amb}} < 130\text{ }^{\circ}\text{F}$
- 0 – 95% RH, non condensing
- IP10 / VBG4
- UL: E31024



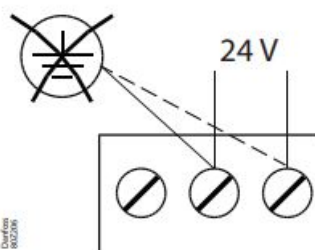
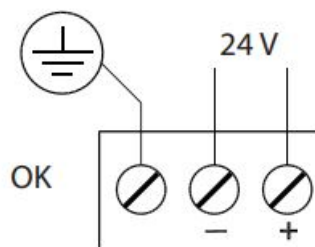
Supply voltage:

Transformer

Class II

The 24 V must not be shared by other controllers or units

The 24 V input must not have earth connection



Point

Terminal 27: 12 V
Terminal 28: 5 V
Terminal 17, 18, 29, 30:

	Signal	Signal type
S (sensor) Pt 1000 ohm/0°C 	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000
P (pressure) AKS 32R AKS 32 	P0A P0B PcA PcB	AKS 32R AKS 2050 MBS 8250 -1 - xx bar AKS 32 -1 - zz bar
U (voltage) + - 	SIG GND	0 - 5 V 0 - 10 V
On/Off 	Ext. Main switch Day/Night Door	Active at: Closed Open
DO 	Comp 1 Comp 2 Fan 1 Alarm	Active at: ON OFF
AO - + 	AO	0-10 V

Address

011 - 199
e.g. 012

(Controller)

Signal	Signal type / Active at	Module	Point	Terminals
		1	1 (AI 1)	1 - 2
			2 (AI 2)	3 - 4
			3 (AI 3)	5 - 6
			4 (AI 4)	7 - 8
			5 (AI 5)	9 - 10
			6 (AI 6)	11 - 12
			7 (AI 7)	13 - 14
			8 (AI 8)	19 - 20
			9 (AI 9)	21 - 22
			10 (AI 10)	23 - 24
			11 (AI 11)	25 - 26
			12 (DO 1)	31 - 32
			13 (DO 2)	33 - 34
			14 (DO 3)	35 - 36
			15 (DO 4)	37 - 38
			16 (DO 5)	39 - 41
			17 (DO6)	42 - 44
			18 (DO7)	45 - 47
			19 (DO8)	48 - 50
			24 (AO1)	-
			25 (AO2)	-

Documents / Resources

[Danfoss Pack Controller AK-PC 782B with USB-B \[pdf\] Installation Guide](#)
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