



Danfoss AK-PC 772B Pack Controller Installation Guide

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Installation Guide
Pack Controller, type AK-PC 772B
with USB-B

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AK-PC 772B Pack Controller

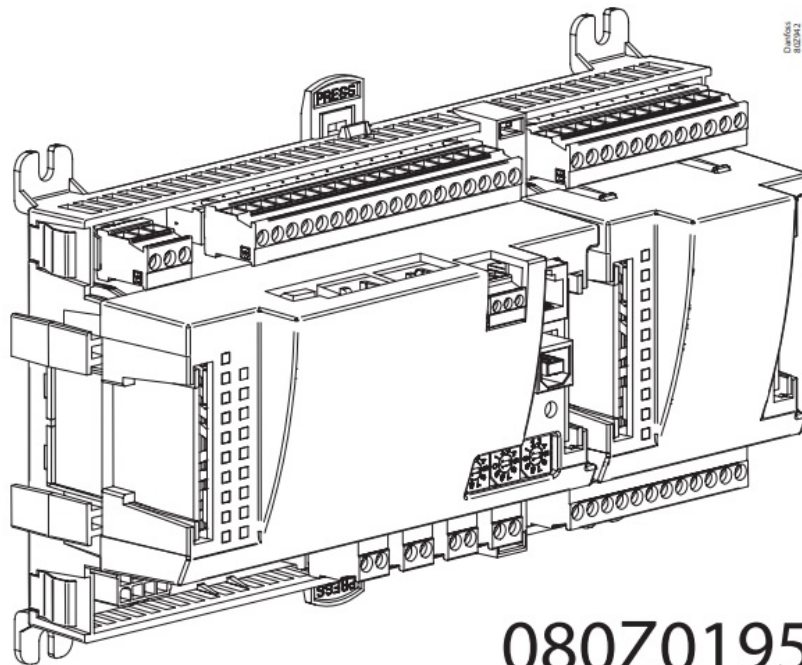
ENGINEERING
TOMORROW



080R9357

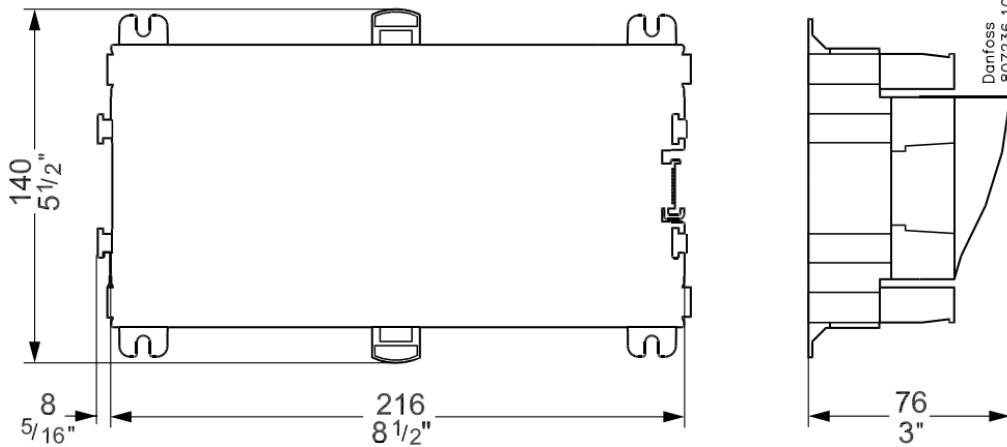


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UL[®] US

EAC

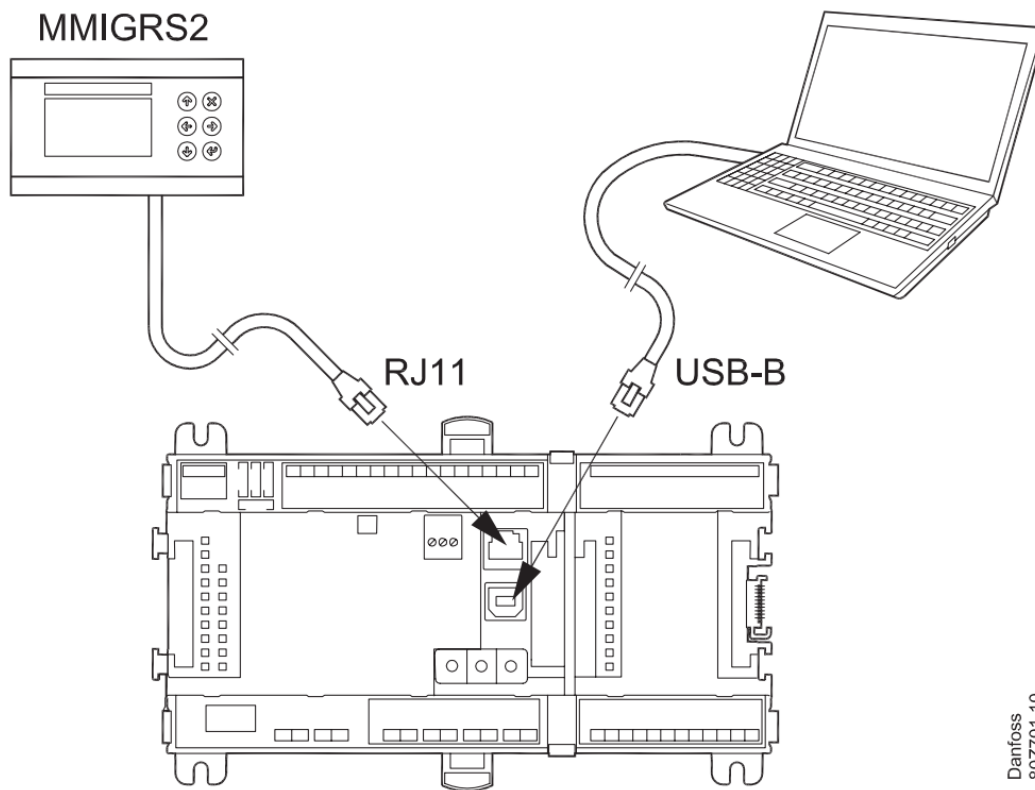
CE

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



Warning

Ensure power is disconnected before adding or removing modules.



AI x 11
DO x 8

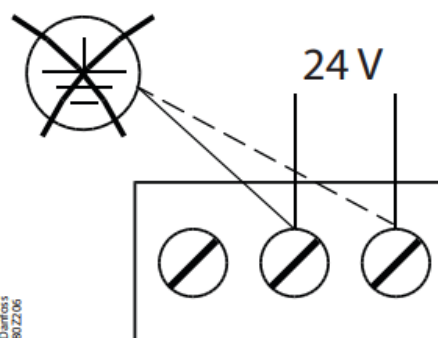
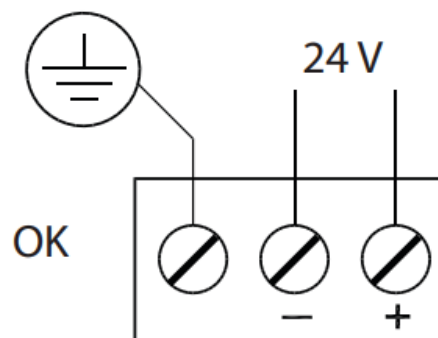
Supply voltage:

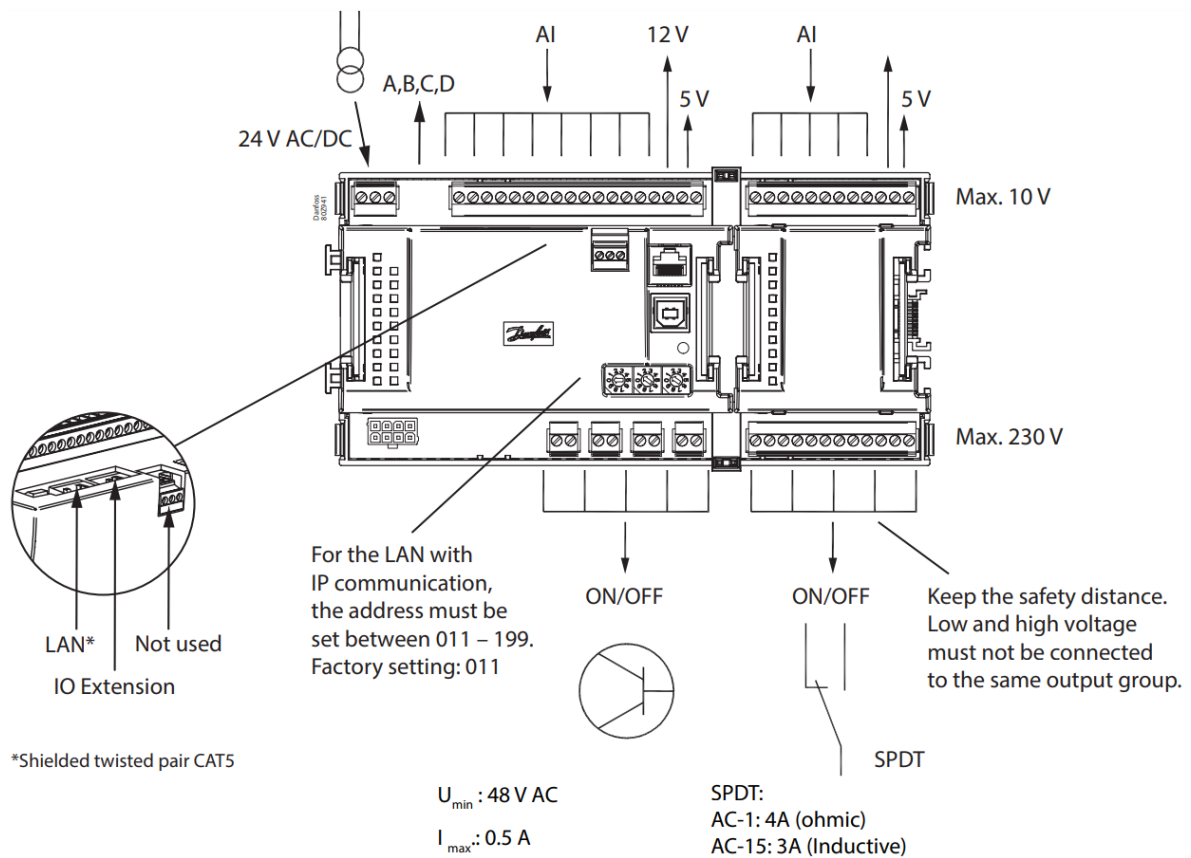
Transformer

Class II

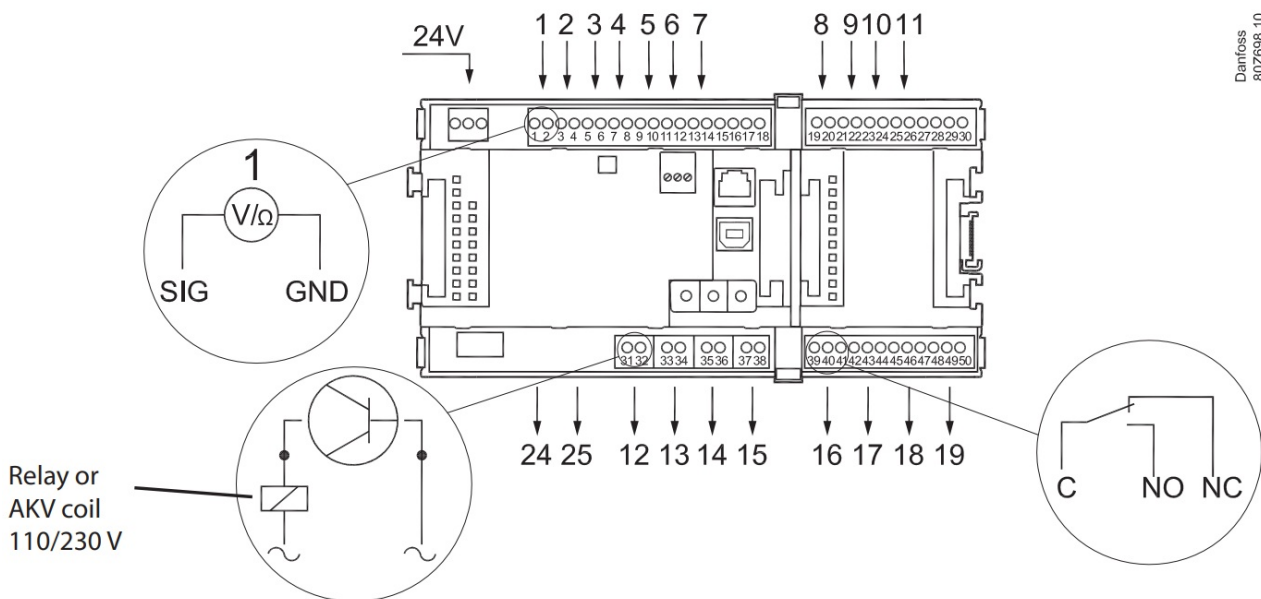
The 24 V must not be shared by other controllers or units

The 24 V input must not have earth connection

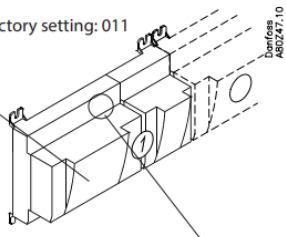
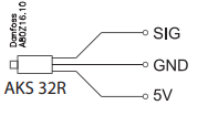
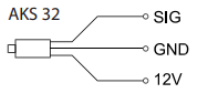
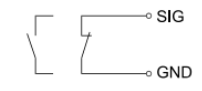
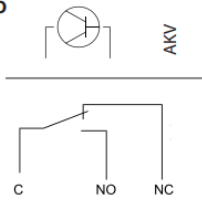




Point



Terminal 15:	12 V
Terminal 16:	5 V
Terminal 27:	12 V
Terminal 28:	5 V
Terminal 17, 18, 29, 30:	6

	Signal	Signal type	Address	
S (sensor) Pt 1000 ohm/0°C 	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000	x100 x10 x1 Factory setting: 011 011 - 199 	 (Controller)
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 - ——— 0-10 V + ———	AO	0-10 V		

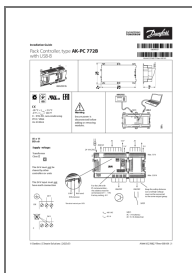
Signal	Signal type / Active at	Module	Point	Terminals
		1	1 (AI 1)	1 - 2
			2 (AI 2)	3 - 4
			3 (AI 3)	5 - 6
			4 (AI 4)	7 - 8
			5 (AI 5)	9 - 10
			6 (AI 6)	11 - 12
			7 (AI 7)	13 - 14
			8 (AI 8)	19 - 20
			9 (AI 9)	21 - 22
			10 (AI 10)	23 - 24
			11 (AI 11)	25 - 26
			12 (DO 1)	31 - 32
			13 (DO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



The Product contains electrical components
And may not be disposed together with domestic waste.
Equipment must be separate collected with Electrical and Electronic waste.
According to Local and currently valid legislation.

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Documents / Resources



[Danfoss AK-PC 772B Pack Controller](#) [pdf] Installation Guide
AK-PC 772B, AK-PC 772B Pack Controller, Pack Controller, Controller