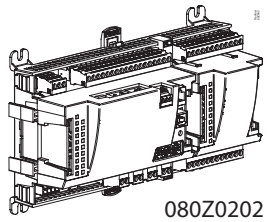
ENGINEERING
TOMORROW

Installation Guide

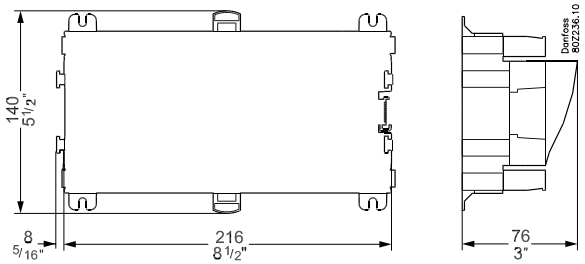
080R9351

AN412826307589en-000201

Pack Controller, type **AK-PC 782B** with USB-B



080Z0202



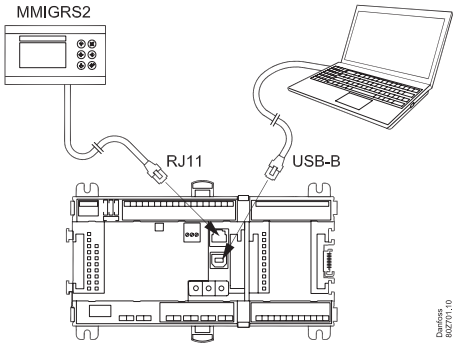
089

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.



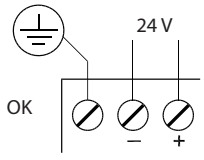
AI x 11
DO x 8

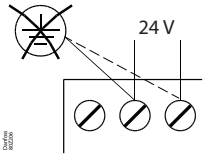
Supply voltage:

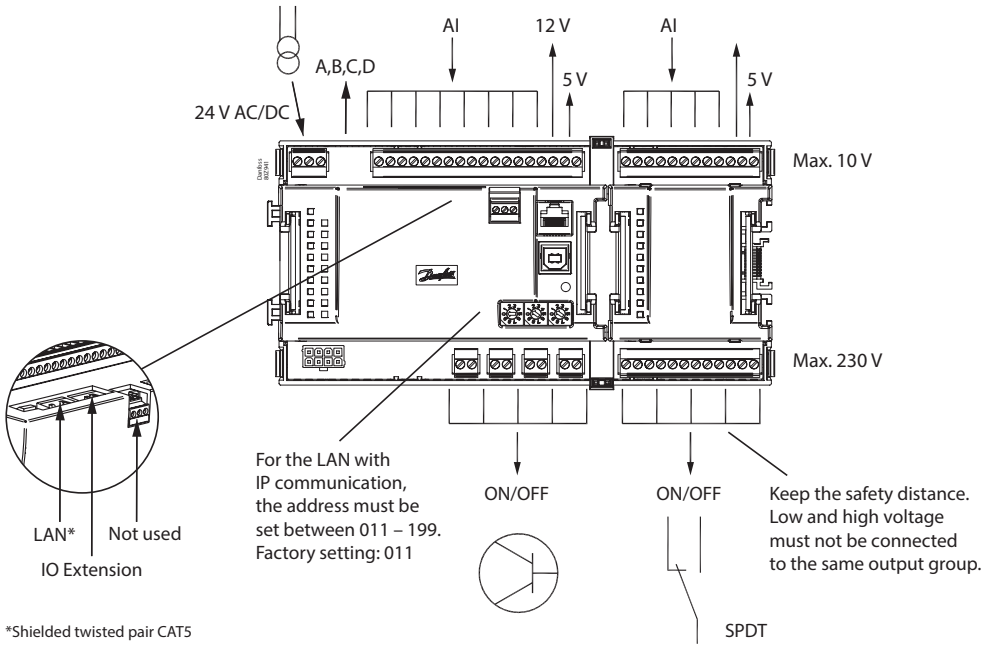
Transformer
Class II

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

The 24 V input must not have earth connection





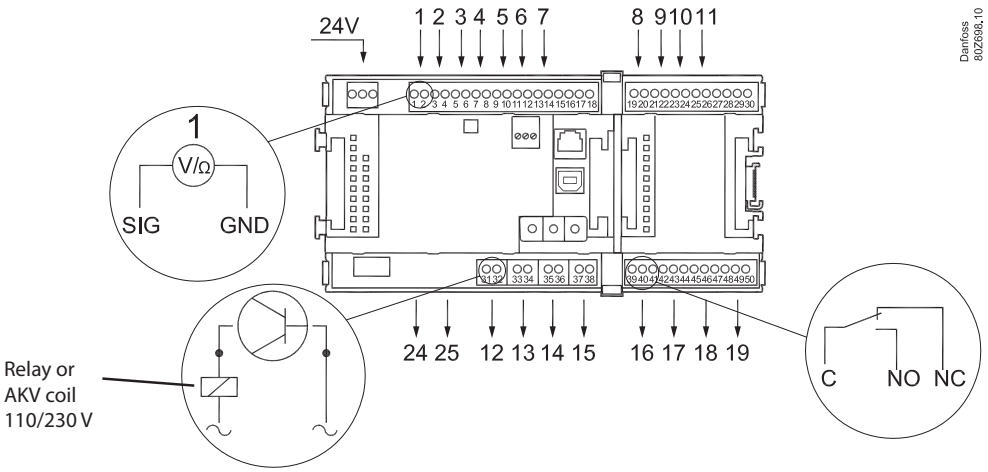


U_{min} : 48 V AC

I_{max}: 0.5 A

SPDT:
AC-1: 4A (ohmic)
AC-15: 3A (Inductive)

Point

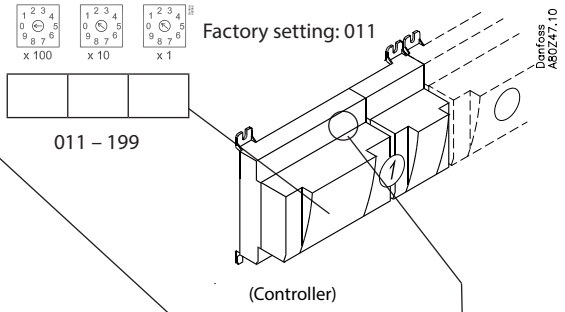


Danfoss 802698.10

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

	Signal	Signal type
S (sensor) Pt 1000 ohm/0°C SIG GND	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000
P (pressure) Danfoss 802716.10 SIG GND AKS 32R 5V AKS 32 SIG GND 12V	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 SIG GND	Ext. Main switch Day/ Night Door	**Active at:** Closed / Open
DO AKV C NO NC	Comp 1 Comp 2 Fan 1 Alarm	**Active at:** ON / OFF
AO – 0-10 V +	AO	0-10 V

Address



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)	-

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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