

Installation Guide

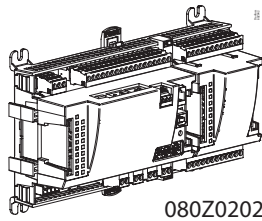
Pack Controller, type **AK-PC 782B** with USB-B



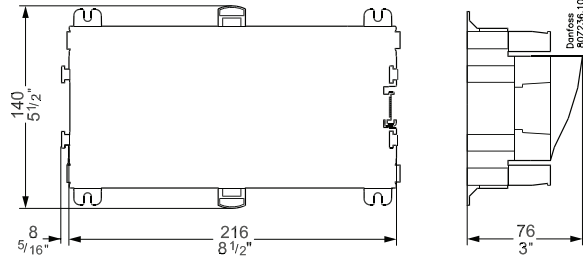
080R9351



AN412826307589en-000101



080Z0202



CE

-20 °C < t_{amb} < 55 °C

-0 °F < t_{amb} < 130 °F

0 – 95% RH, non condensing

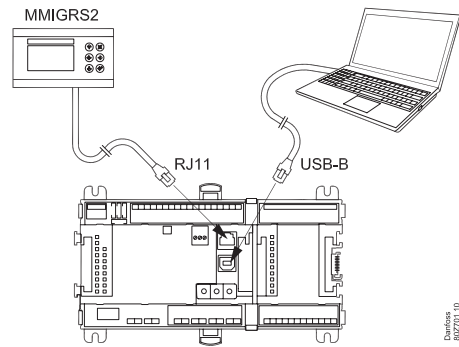
IP10 / VBG4

UL: E31024



Warning

Ensure power is disconnected before adding or removing modules.



Danfoss
8027701.10

AI x 11
DO x 8

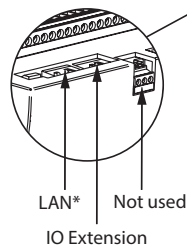
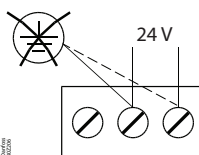
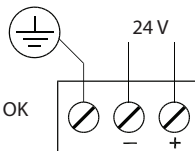
Supply voltage:

Transformer
Class II

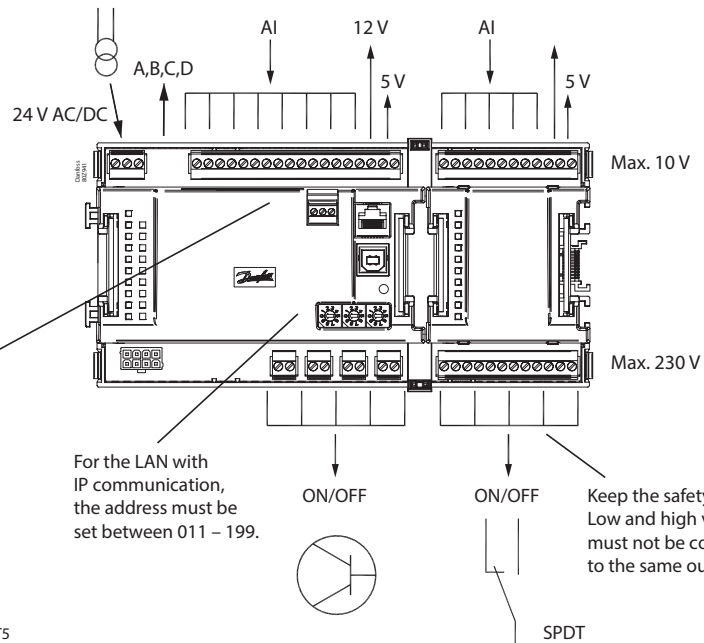


The 24 V must not be shared by other controllers or units

The 24 V input must not have earth connection



*Shielded twisted pair CAT5



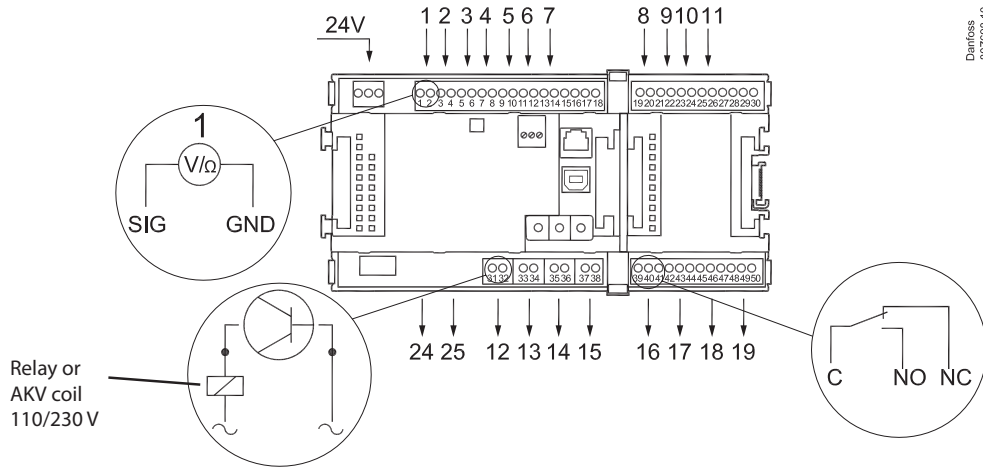
For the LAN with IP communication, the address must be set between 011 – 199.

Keep the safety distance. Low and high voltage must not be connected to the same output group.

U_{min}: 48 V AC
I_{max}: 0.5 A

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

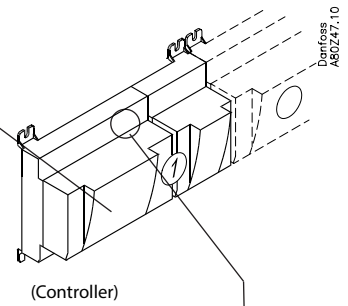
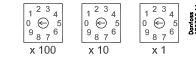
Point



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
S (sensor) Pt 1000 ohm/0°C 	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000
P (pressure) AKS 32R 	POA POB PcA PcB	AKS 32R AKS 2050 MBS 8250 -1 - xx bar
AKS 32 		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

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 (DO 6)	42 - 44
			18 (DO 7)	45 - 47
			19 (DO 8)	48 - 50
			24 (AO 1)	-
			25 (AO 2)	-



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.