

Installation Guide

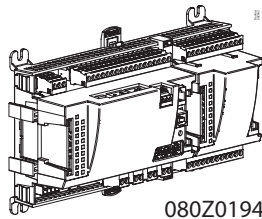
Pack Controller, type **AK-PC 781B** with USB-B



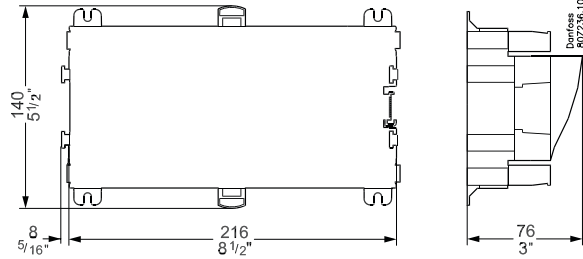
080R9356



AN441527624778en-000101



080Z0194



CE

-20 °C < t_{amb} < 55 °C

-0 °F < t_{amb} < 130 °F

0 – 95% RH, non condensing

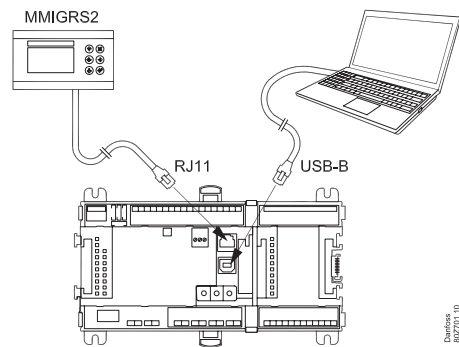
IP10 / VBG4

UL: E31024



Warning

Ensure power is disconnected before adding or removing modules.



AI x 11
DO x 8

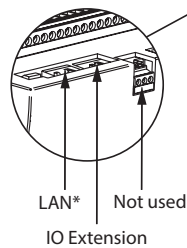
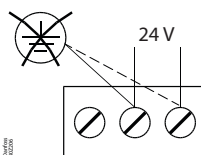
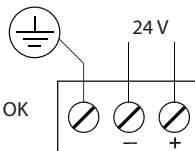
Supply voltage:

Transformer
Class II

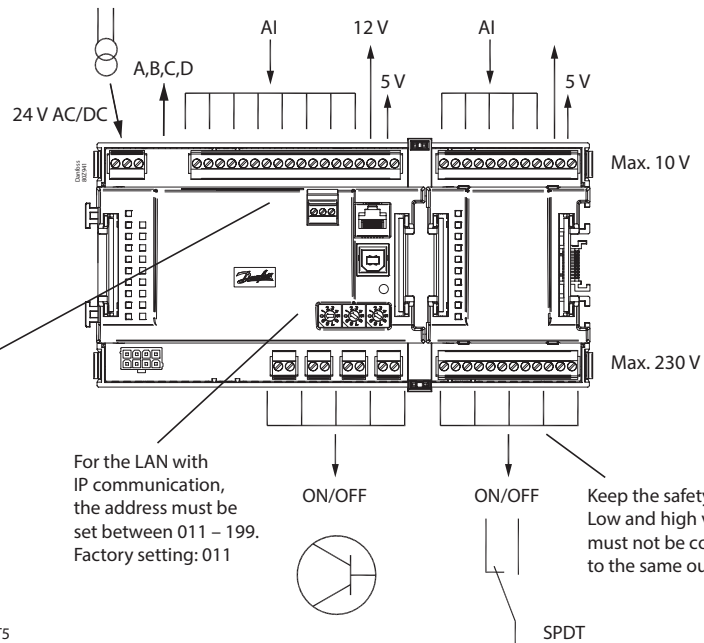


The 24 V must not be shared by other controllers or units

The 24 V input must not have earth connection



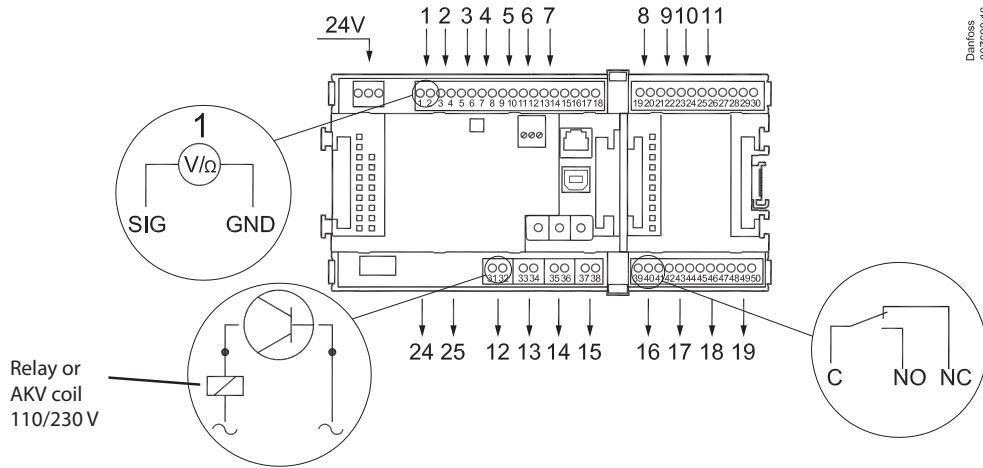
*Shielded twisted pair CAT5



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

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

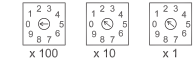
Point



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

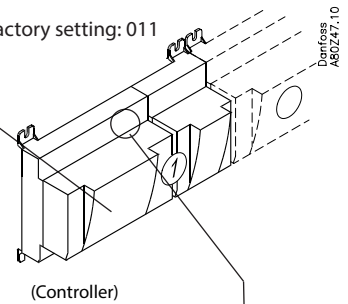
	Signal	Signal type
S (sensor) Pt 1000 ohm/0°C 	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000
P (pressure) Danfoss A80276, 10 AKS 32R 	POA POB PCa PCb	AKS 32R AKS 2050 MBS 8250 -1 - xx bar AKS 32 -1 - zz bar
U (voltage) + — SIG - — GND	...	0 - 5 V 0 - 10 V
On/Off 	Ext. Main switch Day/ Night Door	Active at: Closed Open
DO 	Comp 1 Comp 2 Fan 1 Alarm	Active at: ON OFF
AO - — 0-10 V + —	AO	0-10 V

Address



Factory setting: 011

011 - 199



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 Elec-
tronic waste. According to Local and currently valid legislation.