



REFRIGERATION AND AIR CONDITIONING

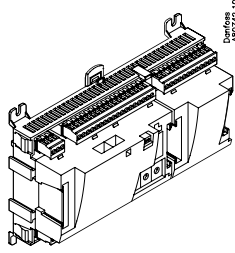
Instructions System manager AK-SM 720



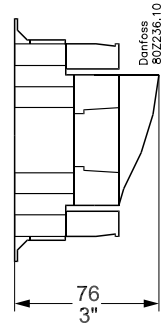
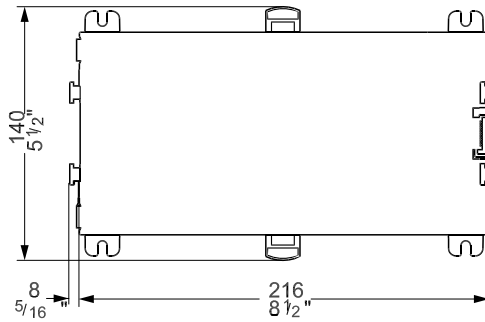
080R9259



RI8LL102



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CE

-20°C < t_{amb} < 55°C
-0°F < t_{amb} < 130°F
0 - 95% RH, non condensing
IP10 / VBG4
UL: E166834

AK-SM 720
See manual: RS8EC

Data communication
See literature : RC8AC

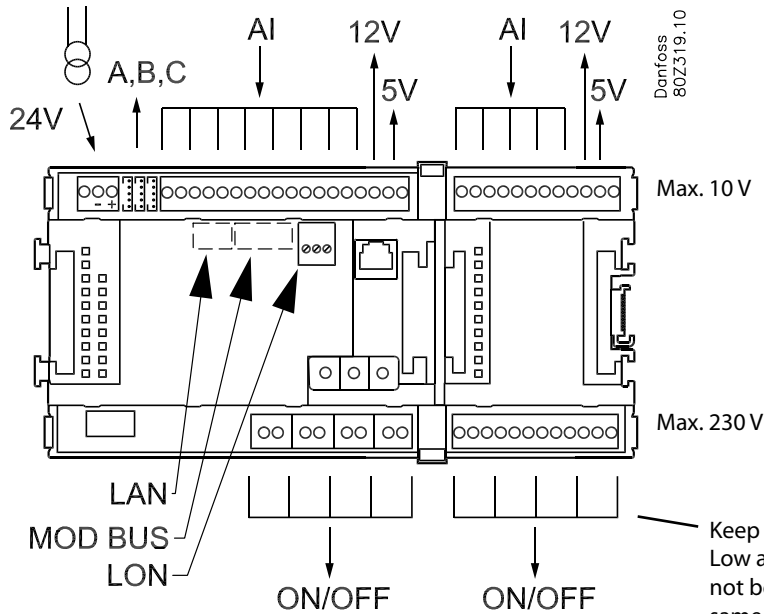
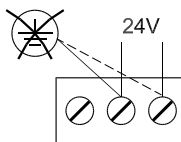
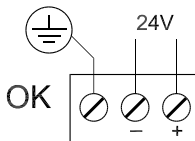
AI x 11
DO x 8

Supply voltage:

Transformer
Class II

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

The 24 V input must not have earth connection



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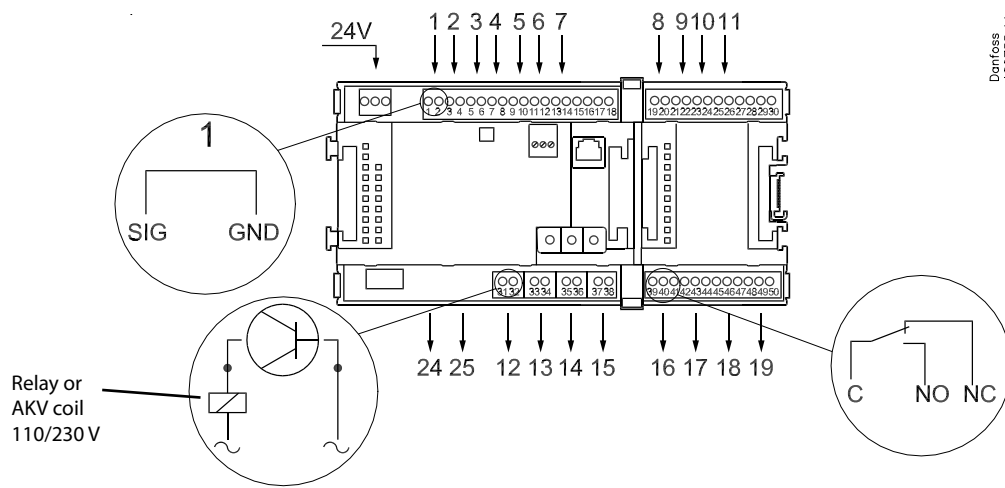
Keep the safety distance
Low and high voltage must
not be connected to the
same output group

U_{min}: 48 V a.c.
I_{max}: 0.5 A

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

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Point

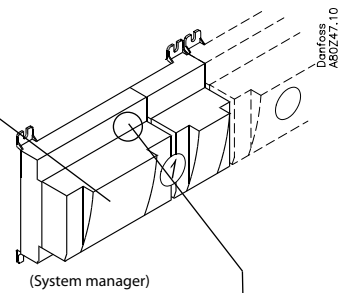
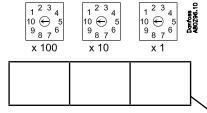


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- Terminal 15: 12V
- Terminal 16: 5V
- Terminal 27: 12V
- Terminal 28: 5V
- Terminal 17, 18, 29, 30: GND

	Signal	Signal type
S (sensor) Pt 1000 ohm/0°C 	S1 S2... Saux1 Saux2 SSA SdA	Pt 1000
P (pressure) AKS 32R AKS 32 	POA POB PcA PcB	AKS 32R -1 - xx bar AKS 32 -1 - zz bar
U (voltage) 	...	0 - 5 V 0 - 10V
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



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.