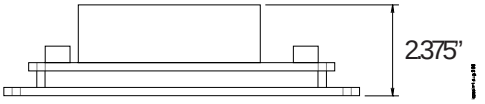
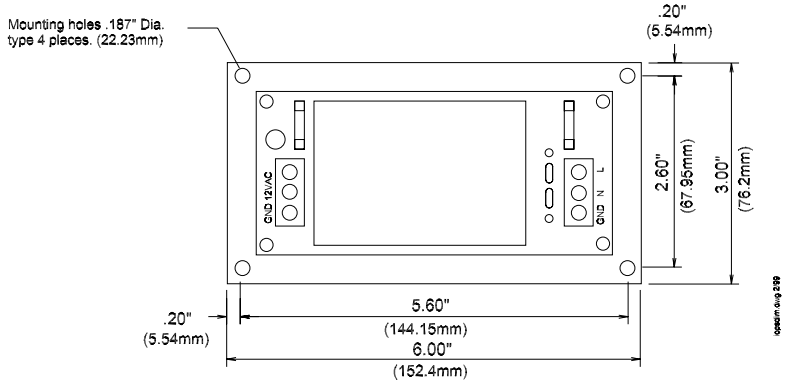
INSTRUCTIONS

IOPS-3

(AK2 System I/O Power Supply)
Dual output voltage version, part no. 080Z0052

Mounting and Dimensions



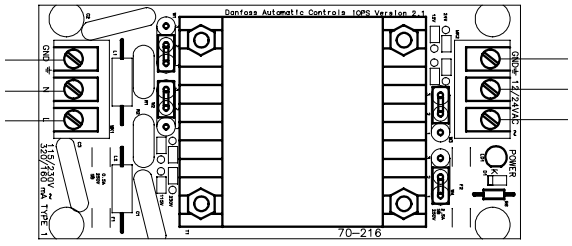


Setup and Wiring

Mains power input side

SET JUMPERS FOR CORRECT AC MAINS VOLTAGE

115 V	230 V
W1	W1
W2	W2



I/O board power output side

SET JUMPERS FOR AC OUTPUT VOLTAGE

12 V	24 V
W3	W3
W4	W4

Note 1: IOPS-3 (part no. 080Z0052) is capable of supplying ***up to 56 VA*** of power to I/O devices in any combination not exceeding a total of 56 VA. The requirements of individual I/O devices are as shown in the table at left below.

Note 2. When wiring from the IOPS-3 to remote I/O devices, observe the maximum supply lengths shown in the table at right below.

Module name	**Description**	**Inputs and outputs**	**Power**
AK2-CM 101A	communications module		
AK2-XM 204A	digital output module	8 relay outputs	3.0 W (3.7 VA)
AK2-XM 205A	universal analog input & digital output module	8 relay outputs, 8 universal inputs	3.9 W (4.8 VA)
AK2-XM 101A	universal input module	8 universal inputs	1.3 W (1.5 VA)
AK2-XM 102A	digital input module (low voltage)	8 digital inputs, 9-80Vac or Vdc	1 W (1.25 VA)
AK2-XM 102B	digital input module (high voltage)	8 digital inputs, 80-260Vac	0.8 W (1.0 VA)
AK2-XM 208B	Bipolar stepper output module	4 bipolar stepper outputs	

Wire Size (AWG)	Max. supply length (feet)
16 gauge	65
18 gauge	40
20 gauge	25
22 gauge	15