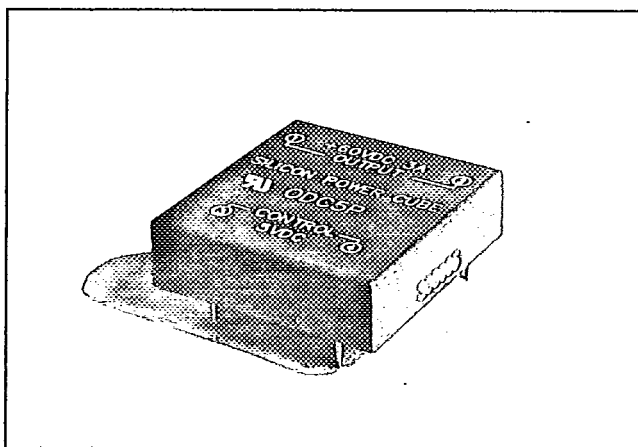



**SILICON
POWER
CUBE**

FLAT PACK I/O MODULES

T-41-83



IACP/IDCP/OACP/ODCP SERIES

These flat pack modules offer reliable input-output interfacing in a low profile package outline that permits PC board spacing on half-inch centers.

FEATURES

- Low Profile Permits 0.50 inch (12.70mm) PC Board Spacing
- Industry Standard Footprint
- Color-Coded by Function
- 4,000 Vrms Optical Isolation
- High Transient Noise Immunity
- Series Operation Compatibility
- UL Recognized, CSA Certified

GENERAL SPECIFICATIONS	MODEL NUMBER			
	IAC5P	IDC5P	OAC5P	ODC5P
Voltage, Type	AC or DC Input	DC Input	AC Output	DC Output
System Voltage VDC	4.5-28	4.5-28	5	5
Color Code	Yellow	White	Black	Red
INPUT SPECIFICATIONS				
Voltage Range	90-140 VAC	10-36 VDC	3-6 VDC	3-6 VDC
Max. Input Current @ Rated Volt. (mA)	8	8	19	14
Max. Input Current @ Max. Volt. (mA)	9	13	24	18
OUTPUT SPECIFICATIONS				
Load Current Over Load Voltage Range	> 0-100mA @ > 0-30 VDC	> 0-100mA @ > 0-30 VDC	.02-3A @ 12-280 VAC	.02-3A @ 5-6 VDC
Max. Turn-on/Turn-off Time (mS)	20/20	5/5	Half/Half (cycle)	0.5/0.5
Blocking V Peak	—	—	500	—
Switching Type	Random	Random	Zero	Random
Notes	1, 2, 3, 4, 6, 7, 8	1, 2, 3, 4, 6, 7, 8	1, 2, 3, 5, 6, 7	1, 2, 3, 5, 6, 7

NOTES: 1. UL recognized.

2. CSA certified.

3. The outputs of the output flat pack modules are compatible with the inputs of the input flat pack modules making them suitable for series operation applications.

4. Input modules provide an output which is active low.

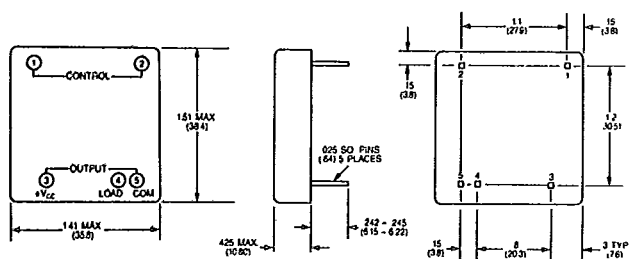
5. Output modules can be controlled from active low or active high logic.

6. Transient noise immunity: > 3,000 Vp-p (NEMA ICS-230).

7. Capacitance: 10 pF maximum (input to output).

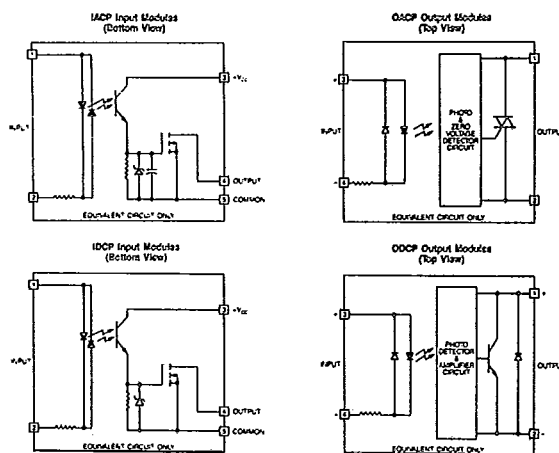
8. Input will operate on AC or DC voltage.

OUTLINE/MOUNTING DIMENSIONS



Storage Temp.: -40°C to +85°C
Operating Temp.: -30°C to +80°C
Approx. Wt.: 0.8 oz. (21 grams)

CONNECTION DIAGRAMS



Solderability: 260°C for 10 secs. max.