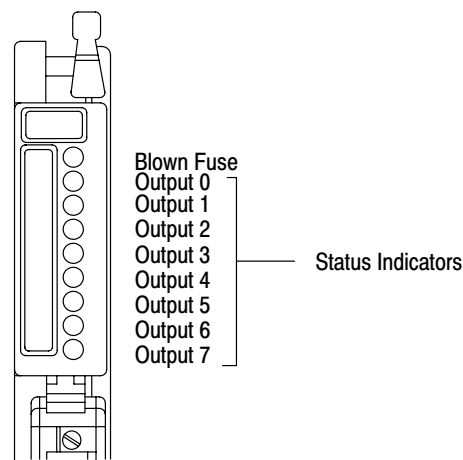


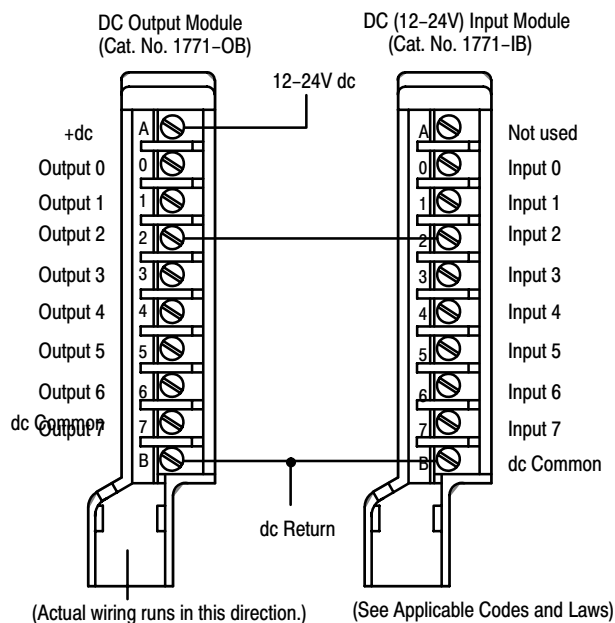
DC Output Module (Cat. No. 1771-OB Series C)**Specifications (Cat. No. 1771-OB/C)**

Outputs per Module	8
Module Location	1771 I/O chassis
Output Voltage Range	10 to 27V dc
Output Current (maximum)	1.5A per output 8A per module
Surge Current (maximum per output)	4A for 1ms, repeatable every 1s
Off-state Leakage Current (maximum)	1mA per output @ 27V dc, 25°C
On-state Voltage Drop (maximum)	2V dc
Output Signal Delay	10ms on/off
Maximum Power Rating	3W per output
Power Dissipation	16.9 Watts (max.), 0.9 Watts (min.)
Thermal Dissipation	57.6 BTU/hr (max.), 3.0 BTU/hr (min.)
Backplane Current	165mA @ 5V dc $\pm 5\%$
Isolation Voltage	1500V ac rms
Environmental Conditions	
Operational Temperature	0° to 60°C (32° to 140°F)
Storage Temperature	-40° to 85°C (-40° to 185°F)
Relative Humidity	5 to 95% (without condensation)
Conductors Wire Size	14 gauge (2mm ²) stranded maximum 3/64 inch (1.2mm) insulation maximum 2 ¹
Category	
Keying	Between 4 and 6 Between 18 and 20
Fuses	2A 8AG (one per output)
Field Wiring Arm	Catalog Number 1771-WA
Wiring Arm Screw Torque	7-9 inch-pounds
Agency Certification (when product or packaging is marked)	• CSA certified • CSA Class I, Division 2 Groups A, B, C, D certified • UL listed • CE marked for all applicable directives
Installation Instructions	1771-2.3

¹ You use this conductor-category for planning conductor routing as described in the system-level installation manual.

Status Indicator

12248-I

**Connection Diagram –
Driving a 1771-IB module with a
1771-OB module**

11889-I