

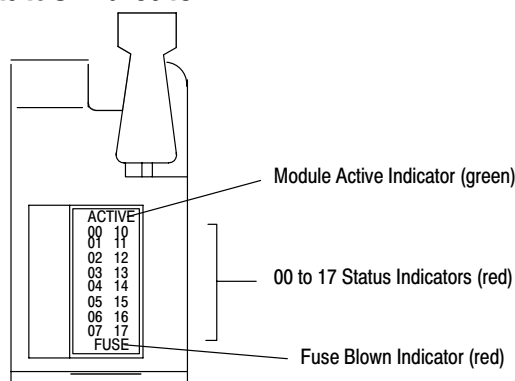
DC Output Module (Cat. No. 1771-OBD Series C)**Specifications (Cat. No. 1771-OBD/C)**

Outputs per Module	16
Module Location	Series B 1771 I/O chassis
Output Voltage Range	10 to 60V dc
Minimum Output Current	2.5mA per output
Maximum Output Current	2A per output 8A per module
Surge Current (maximum)	4A per output for 10ms, repeatabe every 2s 25A per module for 10ms, repeatabe every 2s
Off-state Leakage Current (maximum)	0.5mA per output @ 24V dc, 25°C
On-state Voltage Drop (max.)	0.3V at 2A
Power Rating (maximum)	3 Watts per output
Output Signal Delay	1.0ms on or off
Power Dissipation	14 Watts (max.), 2 Watts (min.)
Thermal Dissipation	47.8 BTU/hr (max.), 6.9 BTU/hr (min.)
Backplane Current	400mA @ 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 ¹
Category	
Fuse	10A, 250V rectifier fuse (1/4 x 1-1/4 inch)
Keying	Between 10 and 12 Between 22 and 24
Field Wiring Arm	Standard Optional
	Cat. No. 1771-WH Cat. No. 1771-WHF (fused - 3A) ² Cat. No. 1771-WHFB (fused - 1.5A) ³
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	1771-2.76

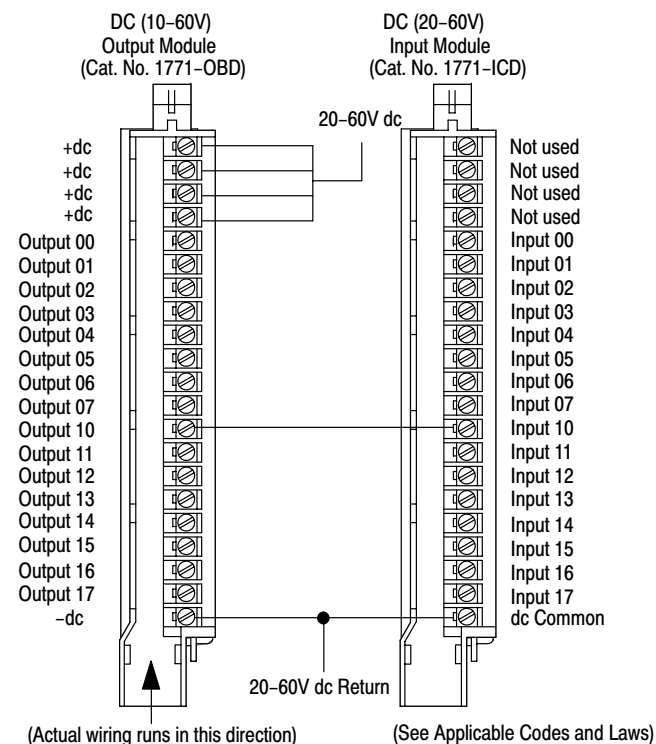
¹ You use this conductor-category for planning conductor routing as described in the system-level installation manual.

² With a customer supply voltage of 30V dc or less, the field wiring arm fuses protect the individual output circuits from damage during a short circuit condition while controlling a resistive load with a continuous current that does not exceed 2A.

³ With a customer supply voltage of 30V dc or less, the field wiring arm fuses protect the individual output circuits from damage during a short circuit condition while controlling a resistive load with a continuous current that does not exceed 1A.

Status Indicator

12250-I

Connecting Diagram – Driving a 1771-ICD Module with a 1771-OBD Module

12251-I