

ControlLogix I/O Modules

The ControlLogix architecture provides a wide range of input and output modules to span many applications, from high-speed digital to process control. The ControlLogix architecture uses a Producer-Consumer model so that input information and output status can be shared among multiple controllers.

Each ControlLogix I/O module mounts in a ControlLogix chassis and **requires** a removable terminal block (RTB) or a 1492 interface module (IFM) to connect all field-side wiring. RTBs and IFMs are not included with the I/O modules. They must be ordered separately.

For detailed specifications, see 1756 ControlLogix I/O Modules Specifications Technical Data, publication [1756-TD002](#).

AC Digital Input Modules

| Cat. No. | Inputs/Outputs | Voltage Category | Operating Voltage Range | Removable Terminal Block |
|------------|---|------------------|-------------------------|--------------------------|
| 1756-IA8D | 8 diagnostic inputs (4 points/group) | 120V AC | 79...132V AC | 1756-TBNH 1756-TBSH |
| 1756-IA16 | 16 inputs (8 points/group) | 120V AC | 74...132V AC | 1756-TBNH 1756-TBSH |
| 1756-IA16I | 16 individually isolated inputs | 120V AC | 74...132V AC | 1756-TBCH 1756-TBS6H |
| 1756-IA32 | 32 inputs (16 points/group) | 120V AC | 74...132V AC | 1756-TBCH 1756-TBS6H |
| 1756-IM16I | 16 individually isolated inputs | 240V AC | 159...265V AC | 1756-TBCH 1756-TBS6H |
| 1756-IN16 | 16 inputs (8 points/group) | 24V AC | 10...30V AC | 1756-TBNH 1756-TBSH |

AC Digital Output Modules

| Cat. No. | Inputs/Outputs | Voltage Category | Operating Voltage Range | Removable Terminal Block |
|------------|---|------------------|--|--------------------------|
| 1756-OA8 | 8 outputs (4 points/group) | 120/240V AC | 79...265V AC | 1756-TBNH 1756-TBSH |
| 1756-OA8D | 8 diagnostic, electronically fused outputs (4 points/group) | 120V AC | 74...132V AC | 1756-TBNH 1756-TBSH |
| 1756-OA8E | 8 electronically fused outputs (4 points/group) | 120V AC | 74...132V AC | 1756-TBNH 1756-TBSH |
| 1756-OA16 | 16 mechanically fused/group outputs (8 points/group) | 120/240V AC | 74...265V AC | 1756-TBNH 1756-TBSH |
| 1756-OA16I | 16 individually isolated outputs | 120/240V AC | 74...265V AC | 1756-TBCH 1756-TBS6H |
| 1756-ON8 | 8 outputs (4 points/group) | 24V AC | 10...30V AC, current > 50 mA 16...30V AC, current < 50 mA | 1756-TBNH 1756-TBSH |