

1746sc Isolated-Circuit 74 to 276 Vac Triac Output Module, 1.5 A per Point

Catalog No. 1746sc-OAP8I

Product Profile



- Installs and operates exactly like an Allen-Bradley product, using a standard Allen-Bradley removable terminal block
- Features 1 common per output and 1500 V output-to-output isolation to allow mixing phases and control voltages on one module
- Can be used in applications requiring from 74 to 276 Vac triac output, ideal for motor starters and other inductive loads (1.5 A/point and 9 A/module limit)
- Each circuit is individually fuse protected and provides “fuse blown” indication to the SLC500™, pin-pointing which fuse has opened
- Completely solid-state, no relays to fail
- Can be directly wired to a Spectrum Controls 1746sc-IA8I or -IM8I isolated-circuit input module to monitor output state

The 1746sc-OAP8I provides 8, triac-controlled, isolated-circuit outputs, each with its own common. The module also provides a broad operating range (74 to 276 Vac) for increased versatility. It is designed for use with high inductive loads, such as solenoids, relays, and motor starters.

Increases Safety

The 1746sc-OAP8I provides a separate fuse for each output. This means a blown fuse in one output won't affect other outputs. The module also indicates to the logic controller's input image table which fuse has blown, so you can actively monitor each output and alert personnel to a fault. For visual diagnostics, the 1746sc-OAP8I provides an LED block to indicate which outputs are on and if any fuse has blown.

Reduces System Costs

The 1746sc-OAP8I can save you hundreds of dollars on system installation costs. The module allows direct control of 120 to 240 V circuits, eliminating the need for costly interposing relays and transformers. One 1746sc-OAP8I can also be used with devices of different voltages and phases (something you can only do with an isolated-circuit module) so you don't need to buy separate modules for each power source.

Simplifies Installation

The 1746sc-OAP8I incorporates proprietary Allen-Bradley technology so it operates and performs like an Allen-Bradley product for easy installation. The

