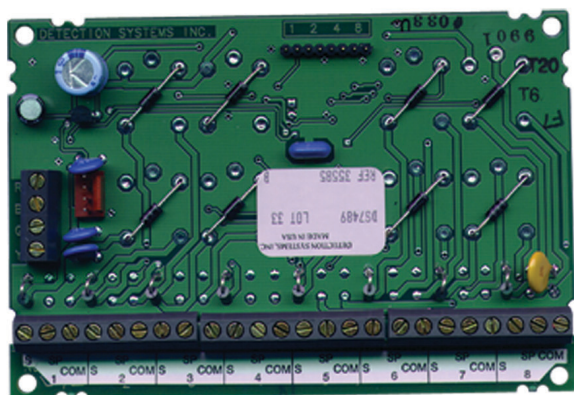


## DS7489 Octal Driver Module

|          |        |
|----------|--------|
| Prod. ID | DS7489 |
|----------|--------|



The DS7489 is a Solid State Octal Driver Module that provides eight open-collector transistor outputs for addition to the DS7080iP-32 via the keypad bus or, via the options bus, to the DS7400, DS7400X and DS7400Xi Series Control/Communicators. The outputs are fixed for the DS7080iP-32 but are fully programmable for the DS7400, DS7400X and DS7400Xi Series Control/Communicators and can be activated by several system events. Each output operates independently of the other seven outputs for complete flexibility.

**Note:** On the DS7400, DS7400X and DS7400Xi Rev. 3, the control ROM version must be 1.03 or higher.

### Switching Cautions

**Danger:** Never attempt to switch Line AC voltages with this device. Switching Line AC voltages will produce dangerous voltage levels that will damage the panel and its modules.

**Warning:** Fully isolate external power supplies, if used, from the AC lines.

### Technical Specifications

#### Outputs

|               |                                                 |
|---------------|-------------------------------------------------|
| Current Draw: | All eight outputs combined cannot exceed 750 mA |
| Operation:    | Shorts to common (-) when activated             |

#### Power Requirements

|               |                |
|---------------|----------------|
| Current Draw: | 10 mA          |
| Voltage:      | 12 VDC maximum |

### Planning

#### Electrical Connections

- Do not use voltages over 12 VDC or any AC voltages on the DS7489. Voltages over 12 VDC may damage the DS7489 and the control panel.
- Avoid grounding any wires or terminals on this device.
- Do not exceed 750 mA for all switched devices combined.
- All Commons on the DS7489 are tied together. Do not mix voltages and power supplies.

#### Mounting Considerations

Devices connected to the DS7489 must remain within or mounted on the control/communicator enclosure.

