

CAT Expansion Modules

“Controlled Access Technology”



CATDR4



CATRLY8

CATDR4 Features:

- The **CATDR4** works with any CAT and provides four wiegand inputs for card readers, keypads or long range proximity. Includes all of the necessary relays to control up to four entrances.
- Each **CATDR4** is controlled by the CAT and is connected via RS485.
- Three **CATDR4**'s may be added to any CAT and the last expansion module can be 4,000 feet away.
- Each **CATDR4** is “opto isolated” from all other expansion modules and the CAT providing additional surge suppression and isolation of any surge damage.
- **CATDR4**'s and **CATRLY8** may both be added to any CAT.

CATRLY8 Features:

- The **CATRLY8** provides 8 relays for controlling elevator access.
- The **CATRLY8** may also be used to control other items like lights or HVAC systems.
- The **CATRLY8** is “opto isolated” from all other expansion modules and the CAT to provide additional surge suppression and isolation of any surge damage.
- 32 **CATRLY8**'s may be added to any CAT providing up to 256 relays per system.
- The **CATRLY8**'s and **CATDR4**'s may both added to any CAT.

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ACCESS CONTROL

CAT Expansion Modules

STANDARD FEATURES

CATDR4:

- **CATDR4** is a four reader expansion module that will interface with any CAT.
- **CATDR4** is supplied with a 18 VAC 40VA transformer.
- Up to 3 **CATDR4** expansion modules may be added to any CAT.
- The **CATDR4** is opto Isolated (electrically isolated) from any other expansion module(s) and the CAT.
- The **CATDR4** provides 4 wiegand reader / keypad inputs.
- The **CATDR4** provides door sense input, REX (request to exit) input, door shunt output and door release output for each of the 4 entrances. (relay output is 24V AC/DC @ 3 amps)
- The **CATDR4** (maximum 3) may be used with the **CATRLY8** (maximum 32) on any CAT expansion.
- The **CATDR4** is programmed via the CAT using Selcom software.

CATRLY8:

- **CATRLY8** is an eight relay expansion module that will interface with any CAT.
- **CATRLY8** relay output is 24V AC/DC @ 3 amps.
- **CATRLY8** is supplied with a 18 VAC 40VA transformer.
- Up to 32 **CATRLY8** expansion modules may be added to any CAT (total of 256 relays maximum).
- The **CATRLY8** is opto Isolated (electrically isolated) from any other expansion module(s) and the CAT.
- The **CATRLY8** (maximum 32) and **CATDR4** (maximum 3) may be used with any CAT expansion.
- The **CATRLY8** is programmed via the CAT using Selcom software.

SPECIFICATIONS

CATDR4 and CATRLY8:

- **Dimensions:** 11" W x 11" H x 3 1/2" D
- **Material Used:** 16 gauge steel, weather resistant enclosure available, order part #OPTRSTWRH.
- **Finish:** Painted
- **Power Input:** 18 VAC, 40 VA UL listed transformer (provided with unit).
- **Emergency Battery:** Optional 12V .7 AHR GEL CELL on constant charge (for control of line voltage variation).
- **Mounting:** Surface, flush or pedestal mount.
- **Shipping Weight:** Approx. 15 lbs.
- **GENERAL:**
- **Operating Environment:** Temp.: -20° to 40° C; (CATV temp.: 0° to 40° C) Relative humidity: 5% to 95% non-condensing.
- **Relay Output:** Form C dry contact 24V @ 3AMP.

APPLICATIONS

- Residential gated communities or commercial use.
- Apartment buildings / Condominiums / Townhouses.
- Retirement homes / Convalescent homes.
- Hospitals.
- Office buildings.

EXPANSION EXAMPLE



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