

TRICON 24 VDC DUAL OUTPUT

# Product Data Sheet

## 3664

Dual Digital Output Module

| OUTPUTS   | VOLTAGE          | CONFIG             | POWER           |
|-----------|------------------|--------------------|-----------------|
| <b>32</b> | <b>16-30 VDC</b> | <b>Dual serial</b> | <b>&lt;10 W</b> |

Triconex 3664 is a 32-point, commoned Dual Digital Output Module with a recommended 16-30 VDC field range and dual serial output configuration.

01

## VERIFIED TECHNICAL DATA

|                      |                            |
|----------------------|----------------------------|
| Product type         | Dual Digital Output Module |
| Output signals       | 32, commoned               |
| Output configuration | Dual, serial               |
| Recommended voltage  | 16-30 VDC                  |
| Maximum voltage      | 36 VDC                     |
| Logic power          | <10 W                      |
| Current rating       | 2 A/point maximum          |
| Surge current        | 10 A for 10 ms maximum     |

02

## ADDITIONAL VERIFIED DATA

|                 |                                               |
|-----------------|-----------------------------------------------|
| Load leakage    | 2 mA maximum                                  |
| Point isolation | 1,500 VDC minimum                             |
| Slot keying     | I/O slot keys: top 006, bottom 007            |
| Source          | Tricon v9-v10 Planning and Installation Guide |

03

## ENGINEERING NOTES

- Use commoned 24 VDC field wiring within the documented 16-30 VDC range.
- Do not apply more than 36 VDC to the module.
- Confirm that the application is not energize-to-trip; the manual does not recommend 3664 for that use.
- Verify load current, surge current, common return and field power before commissioning.
- Verify all 32 output-state indicators and PASS, FAULT, ACTIVE and LOAD/FUSE status.
- Functionally test commanded On and Off states with the process in a safe condition.
- Confirm fault-response requirements are compatible with the documented stuck-Off behavior.
- Inspect field power and common-return wiring after the test.

**Verify the exact model, slot keying, field wiring and controlled application before replacement.**