

I/O Expansion

Order Template

In order to specify and order the I/O Expansion properly configured for the application, a part number must be constructed as indicated below. The I/O Expansion has two LAN networks with separate MAC and IP addresses on ports 401 and 402, as well as 5 additional ports which may be configured to connect to either port 401 or 402 at the time of order:

I/O Expansion a - b - c - dd - e - f - g - h - i

a: Enclosure Size:

- 4: 4U chassis with 128 digital inputs, 16 digital outputs

b: Communications options for LAN Ports 401 and 402:

- 0: Cu - Op: port 401 = RJ45, 100BASE-T, port 402 = 100BASE-FX, multimode, 1300 nm, ST style connector
- 1: Op -Op: port 401 & 402 = 100BASE-FX, multimode, 1300 nm, ST style connector
- 2: Cu - Cu: port 401 & 402 = RJ45, 100BASE-T

c: Ethernet Switch Configuration:

- 0: Network 1 = port 401; Network 2 = ports 402, 424, 425, 426, 427 and 428
 - 1: Network 1 = ports 401, 427 and 428; Network 2 = ports 402, 424, 425 and 426
- Ports 424 - 428 are Cu, 100BASE-T, RJ-45 connector

dd: Operating Frequency:

- 50: 50 Hertz
- 60: 60 Hertz

e: CE and UKCA compliance:

CE and UKCA compliance is standard for TESLA 4000 and I/O Expansion products. This value is kept in the configuration ID for backwards compatibility reasons. I/O Expansion external inputs and outputs contacts are rated to 300V_{dc}.

- 0: CE / UKCA marked
- 1: CE / UKCA marked

f: Conformal Coating:

- 0: not conformal coated

g: Custom Firmware Request:

- 0: Latest version (default)
- 1: Custom version (please specify firmware version number)

h: Custom Hardware Request:

- 0: No special build instructions (default)
- 1: Special build instructions (please specify special instructions)

i: This is a reserved character in the order string for internal purposes only.



Example: I/O Expansion (4-1-1-60-0-0-0-A)

This part number specifies an I/O Expansion with both 401 and 402 LAN ports to be used for optical communications, ports 401, 427, 428 on network 1 and ports 402, 424, 425, 426 on network 2, suitable for operation on 60 Hertz systems, with CE/UKCA marks.

Manuals: The latest version of the manuals can be downloaded from our website:
<http://www.erlphase.com/support.php?ID=documents>. If you do wish to purchase a hard copy manual, you may order that using the part number below.

<Part # 114307> I/O Expansion User Manual

Note: The unit inoperative is set as Normally Closed and user configurable outputs are set as Normally Open. Please enquire regarding any specific non-standard requirements.

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The specifications and product information contained in this document are subject to change without notice. In case of inconsistencies between documents, the version at www.erlphase.com will be considered correct. (D04009R04)