



**Part Number :** 1120955112

**Product Description :** Brad EtherNet/IP CIP Safety HarshIO Modules, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 2 Bipolar Safety Outputs, Window Memory Key, 5-Pole Power

**Series Number :** 112095

**Status :** Obsolete

**Product Category :** Industrial I/O Modules

**Engineering Number :** TCDEC-8B4B-D1U-GW



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## Documents & Resources

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### Product Environment Compliance

#### Compliance

|                    |                    |
|--------------------|--------------------|
| GADSL/IMDS         | Product not active |
| China RoHS         | Product not active |
| EU ELV             | Product not active |
| Low-Halogen Status | Product not active |
| REACH SVHC         | Product not active |
| EU RoHS            | Product not active |

#### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

|              |                                                                                                                                                                  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Obsolete                                                                                                                                                         |
| Category     | Industrial I/O Modules                                                                                                                                           |
| Series       | 112095                                                                                                                                                           |
| Description  | Brad EtherNet/IP CIP Safety HarshIO Modules, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 2 Bipolar Safety Outputs, Window Memory Key, 5-Pole Power |
| Application  | Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems                                                                                 |
| Approvals    | CE, UL, cUL, TÜV, ODVA                                                                                                                                           |
| Comments     | 12 safe inputs + 2 safe bipolar outputs, Cat 4 / PLe, window memory key                                                                                          |
| EPLAN        | Yes                                                                                                                                                              |
| IP Rating    | IP67                                                                                                                                                             |
| Product Name | HarshIO EtherNet/IP,IP CIP Safety                                                                                                                                |
| Protocol     | CIP Safety                                                                                                                                                       |
| UPC          | 889056164740                                                                                                                                                     |

### Electrical

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| Current - Maximum Output | 2.0A per Channel                                |
| EMC                      | EN 62061:2005+AC:2010+A1:2013, IEC 61131-2:2007 |
| Input Delay              | ON - OFF, OFF - ON                              |
| Input Device Supply      | 700mA per port                                  |
| Input Type               | PNP or Dry Contact                              |

### Physical

|               |                                          |
|---------------|------------------------------------------|
| Bus Input     | 4-pole Ultra-Lock (M12), D-Coded, Female |
| Bus Output    | 4-pole Ultra-Lock (M12), D-Coded, Female |
| Format        | Classic (60mm)                           |
| Housing Width | 60.00mm                                  |

|                               |                                          |
|-------------------------------|------------------------------------------|
| I/O Connector                 | 5-pole Ultra-Lock (M12), A-Coded, Female |
| I/O Ports                     | 8x M12                                   |
| I/O Signal Mix                | 12 input / 2 output                      |
| Mechanical Shock              | 15G, 11ms, 3 AXIS                        |
| Power Input                   | 5-pole Mini-Change                       |
| Power Output                  | 5-pole Mini-Change                       |
| Temperature Range - Operating | -25°C to +70°C                           |
| Vibration                     | 50G, 6ms, 3 AXIS                         |

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