

**Part Number :** [1120955127](#)

**Product Description :** Brad EtherNet/IP CIP Safety HarshIO Modules, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 4 Sourcing Safety Outputs, M8 Memory Key, 4-Pole Power

**Series Number :** 112095

**Status :** Obsolete

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

**Engineering Part Number :** TCDEC-8B4P-DYU-G8



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## Documents and Resources

### Drawings

[1120955127\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)


[Creo](#)

[1120955127.dxf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Contained per D(2022)4187-DC (10 June 2022)
EU RoHS	Not Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

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

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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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, 4 Sourcing Safety Outputs, M8 Memory Key, 4-Pole Power
Application	Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
Approvals	CE, UL, cUL, TÜV, ODVA
Comments	12 safe inputs + 4 safe outputs, Cat 4 / PLe, M8 memory key
EPLAN	Yes
IP Rating	IP67
Product Name	HarshIO EtherNet/IP,IP CIP Safety
Protocol	CIP Safety
UPC	889056265188

### Electrical

Current - Maximum Output	1.0A 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 / 4 output
Mechanical Shock	15G, 11ms, 3 AXIS
Net Weight	1054.148/g
Power Input	4-pole Mini-Change
Power Output	4-pole Mini-Change
Temperature Range - Operating	-25° to +70°C
Vibration	50G, 6ms, 3 AXIS

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This document was generated on May 22, 2026