



Part Number : [1120955129](#)

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, 5-Pole Power

Series Number : 112095

Status : Obsolete

Product Category : Industrial I/O Modules

Engineering Number : TCDEC-8B4P-D1U-G8



Documents & Resources

Drawings

[1120955129_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

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

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, 5-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	889056265201

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
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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	959.800/g
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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