

Part Number : 1120955105
Product Description : Brad EtherNet/IP CIP Safety HarshIO Modules, Commerial-grade, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 4 Sourcing Safety Outputs, Window Memory Key, 4-Pole Power, Commerial-grade
Series Number : 112095
Status : Obsolete
Product Category : Industrial I/O Modules
Engineering Part Number : TCDEC-8B4P-DYU-GWC

Obsolete

Documents and Resources

Drawings

1120955105_sd.pdf

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 Reviewed per D(2025)7771-DC (04 Feb 2026)
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

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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, Commerial-grade, Classic 60.00mm, IP67, 8 Ports M12, 12 PNP Safety Inputs, 4 Sourcing Safety Outputs, Window Memory Key, 4-Pole Power, Commerial-grade
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, window memory key
IP Rating	IP67
Product Name	HarshIO EtherNet/IP,IP CIP Safety
Protocol	CIP Safety
UPC	889056163972

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

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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
Power Input	4-pole Mini-Change
Power Output	4-pole Mini-Change
Temperature Range - Operating	0° to +60°C
Vibration	50G, 6ms, 3 AXIS

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