



Part Number : [1120985008](#)

Product Description : Brad HarshIO Digital Module
for CANopen, Compact 30mm, IP67, 8 Ports M8, 8
Universal & User configurable Inputs/Outputs

Series Number : 112098

Status : Obsolete

Product Category : Industrial I/O Modules

Engineering Number : TBDCO-8YYX-804



Documents & Resources

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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(2021)10043-DC (17 Jan 2022)
EU RoHS	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

Part Details

General

Status	Obsolete
Category	Industrial I/O Modules
Series	112098
Description	Brad HarshIO Digital Module for CANopen, Compact 30mm, IP67, 8 Ports M8, 8 Universal & User configurable Inputs/Outputs
Application	Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
Approvals	CiA, UL, cUL, CE
Comments	Universal & User Configurable input / output channels.
IP Rating	IP67
Product Name	HarshIO CanOpen
Protocol	CANopen
UPC	883906226695

Agency

UL	E200650
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Electrical

Current - Maximum Output	2.0A per Channel
EMC	IEC 61000-6-2
Input Delay	2.5ms
Input Device Supply	200 mA per port at 25°C
Input Type	Configurable

Physical

Bus Input	5-pole Micro-Change (M12), A-Coded, Male
Bus Output	5-pole Micro-Change (M12), A-Coded, Female
Format	Compact (30mm)
Housing Width	30.00mm
I/O Connector	3-pole Nano-Change (M8), Female
I/O Ports	8x M8
I/O Signal Mix	8 input / output configurable
Mechanical Shock	10G, 11ms, 3 AXIS
Net Weight	262.176/g
Power Input	Via Bus Connector
Power Output	None
Temperature Range - Operating	-25°C to +70°C
Vibration	IEC 60068-2-6

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