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Part Number: [112038-0005](#)
Status: **Active**
Overview: [Brad® Harsh-Duty IO Modules](#)
Description: Brad® HarshIO Digital Module for Profibus, Compact 30mm, IP67, 4 Ports M12, 4 Inputs / 4 Outputs, NPN

Documents:

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E200650

General

Product Family Industrial I/O Modules
 Series [112038](#)
 Application Filling and Packaging Machines, Machine Tool Industry, Material Handling Systems
 Approvals PI, UL, cUL, CE
 Current - Maximum Output 1.4A per Channel
 Format Compact (30mm)
 I/O Ports 4x M12
 IP Rating IP67
 Mechanical Shock 10G, 11ms, 3 AXIS
 Overview [Brad® Harsh-Duty IO Modules](#)
 Product Literature Order No 987650-5282
 Product Name HarshIO Profibus* DP
 Protocol Profibus* DP
 Software Downloads [/molex/mysst/searchBrad.action?itemSoftware=true&itemDocument=true&itemTechNote=true&itemDemo=true&RPP=10&legacy=false&partnumber=xxx](#)

UPC 78678890714

Physical

Bus Input 5-pole Micro-Change® (M12), B-Coded, Male
 Bus Output 5-pole Micro-Change® (M12), B-Coded, Female
 Housing Width 30.00mm
 I/O Connector 5-pole Micro-Change® (M12), A-Coded, Female
 I/O Signal Mix 4 input / 4 output
 Power Input 5-pole Micro-Change® (M12), Male
 Power Output None
 Temperature Range - Operating -25°C to +70°C
 Vibration IEC 60068-2-6

Electrical

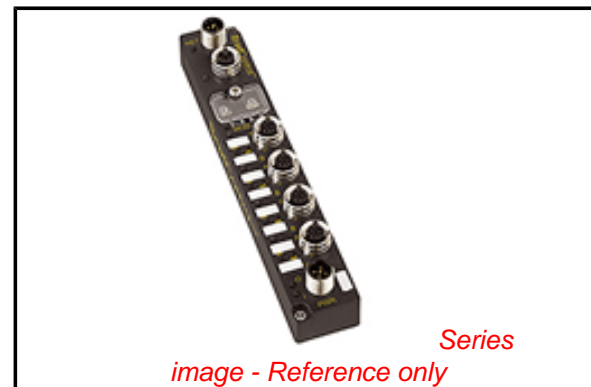
EMC IEC 61000-6-2
 Input Delay 3 ms
 Input Device Supply 140 mA per port at 25°C
 Input Type NPN or Dry Contact

Material Info

Old Part Number TBDPB-444N-B8U

Reference - Drawing Numbers

Sales Drawing SD-112038-003, TBDPB-****-B8*



EU RoHS

ELV and RoHS Compliant
REACH SVHC Not Reviewed
Low-Halogen Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

112038Series

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