VerIO™ Connector

VERSATILE, ROBUST IO FOR INDOOR AND OUTDOOR APPLICATIONS

VerIO™ Connector is a versatile, robust and compact I/O system featuring multiple standard connector interfaces such as RJ45, PoE (Power over Ethernet), Signal, Power and Hybrid. It is easy to install and operate with a swift push pull type movement. VerIO™ connector is ideal for industrial applications as well as harsh indoor or outdoor environments.

- Multiple standard IO connector interfaces enable greater choice
- Easy to install and operate
- Weather proof; IP67 resistant
- Small form factor enable greater port to port density

NEW



TARGET MARKETS



FEATURES	BENEFITS
Standard small form factor interfaces	Minimum space required for mounting in both vertical and horizontal directions
Robust locking mechanism	Push pull type movement saves space, facilitates secure secondary locking and ease of operation
Weather proof	Suitable for most demanding environments
Multi standard and varying interconnection interface	Suitable for various applications with standard connector interfaces like Signal, PoE (Power over Ethernet), Power, Hybrid of Signal & Power and RJ45
Rugged design	Wear and tear resistant, offers increased durability and ensure cable pull retention
Lightweight connector design	Ease of installation
Cable termination	Field installable or factory certified cable assembly

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TECHNICAL INFORMATION

MATERIAL

- Housing: PBT & Silicone

MECHANICAL PERFORMANCE

- Durability: 250 mating cycles
- Weather Proof: IP67
- Cable Pull Retention: 130N

ELECTRICAL PERFORMANCE

- Signal Connector Interface
  - Current rating 1.5A per pin
  - Dielectric Withstanding Voltage: 2000V
  - Feature: PoE+, Cat5e
- Power Connector Interface
  - Current Rating: 20A with 2.5mm² conductor; 16A with 1.5mm² conductors
  - Voltage Rating: 300V AC
- RJ45 Connector Interface
  - Current Rating: 0.5A

ENVIRONMENTAL

- Operating Temperature: –55°C to 105°C

PACKAGING

- Bulk

SPECIFICATIONS

- GS–12–1430

APPROVAL AND CERTIFICATION

- UL pending – Connector interfaces are UL approved

TOOLING INFORMATION

- Hand tools for IDC/crimping available. Refer to the details given under specific connector interface

TARGET MARKETS/APPLICATIONS



Access Control
Security and Surveillance Cameras
Digital Signage/ Lighting
Building Infrastructure/ Automation
Energy Meter
Energy Distribution
Industrial Control
Instrumentation
Machine–to–Machine Interface
Vending Machines

PART NUMBERS

Connector Interface	Board Connector	Field Terminable Plug Kit	Field Terminable Plug Kit Description	Plug Assembly
RJ45 (suitable for tab up socket)	RJESE–8480–31	10140938–101LF	Plug kit suitable w/o RJ45 jack	10144773–LLL–S–XZMLF
Hybrid– Power 2 position + Signal (Cat5e) 4 pair	10140949–101LF	10143485–101LF	Plug kit with cable connector	10144774–LLL–S–XZMLF
Signal (Cat5e) 4 pair or 8 position	10140950–101LF	10143486–101LF	Plug kit with cable connector	10144775–LLL–S–XZMLF
Power 2 position (16A or 20A)	10140951–101LF	10143487–101LF	Plug kit with cable connector	10144776–LLL– S–XZMLF
Power 3 position (16A or 20A)	10140952–102LF	10143488–102LF	Plug kit with cable connector	10144776–LLL– S–XZMLF
Power 4 position (16A or 20A)	10140952–101LF	10143488–101LF	Plug kit with cable connector	10144776–LLL– S–XZMLF
Bulkhead receptacle with seal for Panel Mounting	10140957–101LF	–	–	–

Note: Specify cable length in meters (LLL) and whether Open ended (S), Double ended (D)

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Disclaimer
Please note that the above information is subject to change without notice.

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