

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

FEATURES

- Standard small form factor interfaces
- Robust locking mechanism
- Weather proof
- Multi standard and varying interconnection interface
- Rugged design
- Lightweight connector design
- Cable termination



TARGET MARKETS



BENEFITS

- Minimum space required for mounting in both vertical and horizontal directions
- Push pull type movement saves space, facilitates secure secondary locking and ease of operation
- Suitable for most demanding environments
- Suitable for various applications with standard connector interfaces like Signal, PoE (Power over Ethernet), Power, Hybrid of Signal & Power and RJ45
- Wear and tear resistant, offers increased durability and ensure cable pull retention
- Ease of installation
- Field installable or factory certified cable assembly

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+, Cat 5e
- 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)

BASICVERIO048EA4