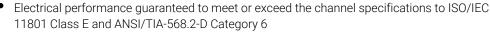
## 760250042 | ECO MGS400-BK-24









- Patented crossing of straddling pair contacts enables efficient alien crosstalk reduction in the channel
- Snaps into standard M-series faceplates, surface-mount boxes, consolidation point boxes and modular panels
- Mountable either at 90 degrees (straight) or 45 degrees (angled) in M-series faceplate
- Universal design and label supports both T568 A & B wiring
- IDC connector terminations on rear of base allow quick and easy installation of 22 to 24 AWG cable
- Can support network line speeds in excess of 1 Gb/s
- Low-profile rear protective strain relief cap, protects against contamination and secures the connection
- Part of CommScope's initiative of removing single-use plastics which also includes copper panels, jacks, cords and faceplates

### Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin

America | North America

Portfolio SYSTIMAX®

**Product Type** Modular jack

Product Brand GigaSPEED XL®

Product Series MGS400

General Specifications

ANSI/TIA Category 6

Cable Type Unshielded

**Color** Black

Conductor Type Solid | Stranded

Integrated Dust Cover Type None

Mounting Note Color matches with M-series Black Faceplates and Surface

Mount Boxes

Termination Type IDC

**Wiring** T568A | T568B

**COMMSCOPE®** 

### 760250042 | ECO MGS400-BK-24

#### **Dimensions**

 Height
 19.4 mm | 0.764 in

 Width
 21.08 mm | 0.83 in

 Depth
 30.2 mm | 1.189 in

Compatible Conductor Gauge, solid 22-24 AWG | 21 AWG (for CommScope GigaREACH cable

only)

Compatible Conductor Gauge, stranded 22–24 AWG

**Electrical Specifications** 

Contact Resistance Variation, maximum20 m0hmContact Resistance, maximum100 m0hm

Current Rating at Temperature 1.5 A @ 20 °C | 1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, conductive surface1,500 Vac @ 60 HzDielectric Withstand Voltage, RMS, contact-to-contact1,000 Vac @ 60 Hz

Insulation Resistance, minimum 500 MOhm

**Remote Powering** Fully supports the safe delivery of power over LAN cabling

described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC

60512-99-002

PoE Durability Supports IEEE 802.3bt Type 4 (90 W) applications greater than

3000 plug to jack mating cycles

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | High-impact, flame retardant, thermoplastic

Termination Contact Plating Nickel

Mechanical Specifications

Plug Retention Force, minimum 133 N | 29.9 lbf

Plug to Jack Mating Cycles Complies to IEC 60603-7 series

**Environmental Specifications** 

Operating Temperature $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )Storage Temperature $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

**Relative Humidity**Up to 95%, non-condensing



# 760250042 | ECO MGS400-BK-24

Flammability Rating UL 94 V-0
Safety Standard UL | cUL

Packaging and Weights

Packaging Material Eco-friendly, single-use plastics-free

Packaging quantity 24

Packaging Type Box | Carton

