ANSI C136.41 ROTATABLE DIMMING RECEPTACLE

TE Connectivity launches a new ANSI C136.41 compliant fully rotatable dimming receptacle which provide an electrical and mechanical interconnection between an ANSI C136.41-2013 photo control cell and luminaire. Ideal for outdoor commercial and utility lighting the ANSI C136.41 compliant dimming receptacle is available with two or four dimming contacts to support either 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), while providing a reliable power interconnect with three robust twist lock contacts.

Applications

- Street and Roadway Lighting
- Photo controls
- Parking Lot Lighting

Electrical

- cUR recognized to UL 773
- Power contacts: Current rating: 15 A max
  Voltage rating: 480 VAC/DC
- Dimming contacts: Current rating: 1.5 A max
  Voltage rating: 30 VAC/DC

Mechanical

- Conforms to dimensional requirements of ANSI C136.41-2013
- Offer a 5 and 7 position version
- 5 position: 3 power contacts +
  2 dimming/signal contacts
- 7 position: 3 power contacts +
  4 dimming/signal contacts
- Power contacts terminated to 14AWG stranded wire per UL1015 or UL3321
- Signal Contacts terminated to 18AWG stranded wire per UL1015 or UL3321

Specifications

- Application Specification: 114-32148
- Product Specification: 108-32059
- Instruction sheet: 408-32196

Materials

- Power contacts: Copper Alloy, tin over nickel plating
- Dimming contacts: Copper Alloy, gold over nickel plating
- Housing: Glass filled PBT, UL 94V-0 flammability rated

Benefits

- Fully rotates up to 355 degrees
- Robust twist lock contacts for a reliable power interconnect
- Receptacle comes pre-terminated with wire leads for ease of integration into new or existing light fixtures
- Available with 105° and 150° C rated wire insulation for varying temperature rated luminaires
- Accepts ANSI standard dimmable photocells to provide a connection between the photocell and the luminaire
- Available with two or four dimming contacts to support one or two channel dimming protocols
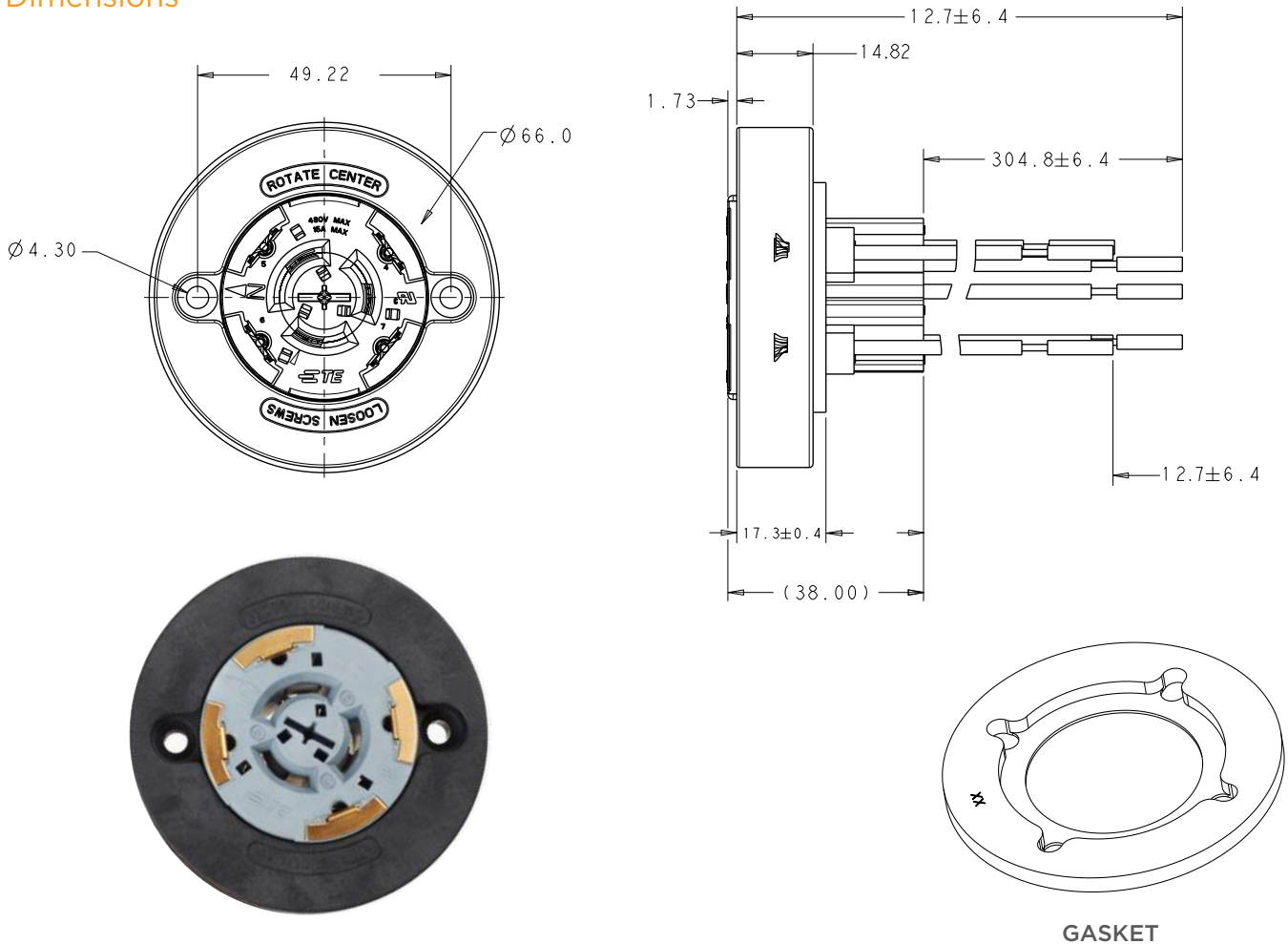
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Product Selection Information

Part Number	Description
2213626-1	Gasket, Sealing Rot Dim Recept
2213627-1	Assembly, Rot Dim Rec 5 Pos 150C
2213627-2	Assembly, Rot Dim Rec 7 Pos 150C
2213627-3	Assembly, Rot Dim Rec 5 Pos 105C
2213627-4	Assembly, Rot Dim Rec 7 Pos 105C
2213627-5*	Assembly, Rot Dim Rec 5P 150C Gasket
2213627-6*	Assembly, Rot Dim Rec 7P 150C Gasket
2213627-7*	Assembly, Rot Dim Rec 5P 105C Gasket
2213627-8*	Assembly, Rot Dim Rec 7P 105C Gasket

*Part number available upon special request (not a stocked item).

Dimensions

GASKET