



Quick Reference Guide Gemini Series Switches

The TE Connectivity extensive Gemini A and Gemini AE Series offer one and two poles with multi-circuit configurations, including: momentary function, locking toggle to avoid unwanted switching as well as bat and flat toggles in different lengths. The Gemini AE Series meets IP67 requirements. Terminals are epoxy sealed to prevent the entry of flux, solvent and other contaminants. Gemini A & Gemini AE Switches are available with solder lug, PC, wire wrap, vertical, bracketed and angle-mount PC terminal choices.

The Gemini series offers engineers many different combinations of toggle or rocker switches for their applications.

FEATURES

Toggles

- Gold, gold over silver or silver contacts
- Epoxy sealed terminals
- Stainless steel frame with brass tin plated solder support
- Hardware included
- Boot seals available
- AE meets IP67 requirements

Rockers

- Multiple actuator colors available
- G and Q contacts UL recognition
- AE meets IP67 requirements

APPLICATIONS

These devices are well suited for designs requiring human interface via toggle or rocker-style switch, including:

- Industrial equipment
- Audio-visual equipment
- Outdoor concert and lighting equipment
- Medical
- Instrumentation
- Communication equipment

| GEMINI A SERIES TOGGLES | | | | | | | | |
|-------------------------|-------|---------------|--------------------|---------------------------|----------------------|----------|----------------|-------------|
| Product Key | Poles | Function | Toggles | Bushing | Terminations | Contacts | Material | Part Number |
| A101KZQ04 | 1 | ON-ON | Locking | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 1825136-7 |
| A101MD9AB04 | 1 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 1-1825136-2 |
| A101MD9AQ04 | 1 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Right Angle | Silver | RoHS Compliant | 1-1825136-4 |
| A101MD9AV2B04 | 1 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Vertical Right Angle | Gold | RoHS Compliant | 1-1825136-5 |
| A101MDZQ04 | 1 | ON-ON | Bat Short | 1/4-40 Threaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 2-1825136-2 |
| A101MYZQ04 | 1 | ON-ON | Bat Short | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 2-1825136-4 |
| A101SCWZQ04 | 1 | ON-ON | Bat Long | 1/4-40 threaded .37 (9.4) | Wire Lug | Silver | RoHS Compliant | 3-1825136-1 |
| A101SD9AB04 | 1 | ON-ON | Bat Long | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 3-1825136-2 |
| A101SD9V30B04 | 1 | ON-ON | Bat Long | Unthreaded .28 (7.1) | Vertical Support | Gold | RoHS Compliant | 3-1825136-6 |
| A101SHZQ04 | 1 | ON-ON | Bat Long | 1/4-40 threaded .3 (7.6) | Wire Lug | Silver | RoHS Compliant | 4-1825136-0 |
| A101SYCB04 | 1 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Gold | RoHS Compliant | 4-1825136-4 |
| A101SYCQ04 | 1 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 4-1825136-5 |
| A101SYZB04 | 1 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Gold | RoHS Compliant | 4-1825136-8 |
| A101SYZQ04 | 1 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 4-1825136-9 |
| A101TCQ04 | 1 | ON-ON | Lg. Tgl. & Bushing | Unthreaded .28 (7.1) | Printed Circuit | Silver | RoHS Compliant | 5-1825136-4 |
| A101TZQ04 | 1 | ON-ON | Lg. Tgl. & Bushing | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 5-1825136-5 |
| A103KZQ04 | 1 | ON-OFF-ON | Locking | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 1825137-1 |
| A103MD9AV2B04 | 1 | ON-OFF-ON | Bat Short | Unthreaded .28 (7.1) | Vertical Right Angle | Gold | RoHS Compliant | 1825137-5 |
| A103SYCQ04 | 1 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 1-1825137-6 |
| A103SYWB04 | 1 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Wrap | Gold | RoHS Compliant | 1-1825137-7 |
| A103SYWQ04 | 1 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Right Angle | Silver | RoHS Compliant | 1-1825137-8 |
| A103SYZB04 | 1 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Gold | RoHS Compliant | 1-1825137-9 |
| A105MD9AB04 | 1 | (ON)-OFF-(ON) | Bat Short | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 2-1825137-4 |
| A105SYCQ04 | 1 | (ON)-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 3-1825137-7 |
| A105SYZQ04 | 1 | (ON)-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 3-1825137-9 |
| A105TZQ04 | 1 | (ON)-OFF-(ON) | Lg. Tgl. & Bushing | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 4-1825137-2 |
| A107SYCQ04 | 1 | ON-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 5-1825137-1 |
| A107SYZQ04 | 1 | ON-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 5-1825137-2 |
| A108SYZQ04 | 1 | ON-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 6-1825136-4 |
| A201KAB04 | 2 | ON-ON | Locking | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 1825138-1 |
| A201KZQ04 | 2 | ON-ON | Locking | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 1825138-3 |
| A201MD9AB04 | 2 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 1825138-6 |
| A201MD9AQ04 | 2 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Right Angle | Silver | RoHS Compliant | 1825138-7 |
| A201MD9AV2Q04 | 2 | ON-ON | Bat Short | Unthreaded .28 (7.1) | Vertical Right Angle | Silver | RoHS Compliant | 1825138-9 |
| A201SYCB04 | 2 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Gold | RoHS Compliant | 2-1825138-4 |
| A201SYCQ04 | 2 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 2-1825138-5 |
| A201SYZB04 | 2 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Gold | RoHS Compliant | 2-1825138-7 |
| A201SYZQ04 | 2 | ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 2-1825138-8 |
| A201TZQ04 | 2 | ON-ON | Lg. Tgl. & Bushing | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 3-1825138-1 |
| A203KZQ04 | 2 | ON-OFF-ON | Locking | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 1825139-1 |
| A203MD9AB04 | 2 | ON-OFF-ON | Bat Short | Unthreaded .28 (7.1) | Right Angle | Gold | RoHS Compliant | 1825139-2 |
| A203SYCQ04 | 2 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 1825139-9 |
| A203SYZQ04 | 2 | ON-OFF-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 1-1825139-0 |
| A203TZQ04 | 2 | ON-OFF-ON | Lg. Tgl. & Bushing | Unthreaded .28 (7.1) | Wire Lug | Silver | RoHS Compliant | 1-1825139-2 |
| A205SYCQ04 | 2 | (ON)-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Printed Circuit | Silver | RoHS Compliant | 1-1825139-7 |
| A205SYZQ04 | 2 | (ON)-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 1-1825139-8 |
| A207SYZQ04 | 2 | ON-OFF-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 2-1825139-4 |
| A208SYZQ04 | 2 | ON-(ON) | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 3-1825138-8 |
| A211SYZQ04 | 2 | ON-ON-ON | Bat Long | 1/4-40 Threaded .35 (8.9) | Wire Lug | Silver | RoHS Compliant | 3-1825139-9 |

| GEMINI A SERIES ROCKER/PADDLE | | | | | | | | | |
|-------------------------------|-------|---------------|----------------|----------------------|----------|------------|-----------|----------------|-------------|
| Product Key | Poles | Function | Actuator | Terminals | Contacts | Act. Color | Fr. Color | Material | Part Number |
| A101J1AV2Q004 | 1 | ON-ON | Small | Vertical Right Angle | Silver | Black | N/A | RoHS Compliant | 1-1571986-1 |
| A101J1ZQ004 | 1 | ON-ON | Small | Wire Lug | Silver | Black | N/A | RoHS Compliant | 1-1571986-7 |
| A101J51ZQ004 | 1 | ON-ON | Snap-in | Wire Lug | Silver | Black | Black | RoHS Compliant | 3-1571986-4 |
| A103J51ZQ004 | 1 | ON-OFF-ON | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 4-1571986-5 |
| A105J1ZQ004 | 1 | (ON)-OFF-(ON) | Small | Wire Lug | Silver | Black | N/A | RoHS Compliant | 5-1571986-3 |
| A105J3ZQ004 | 1 | (ON)-OFF-(ON) | Large | Wire Lug | Silver | Black | N/A | RoHS Compliant | 5-1571986-9 |
| A105J51ZQ004 | 1 | (ON)-OFF-(ON) | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 6-1571986-1 |
| A107J51ZQ004 | 1 | ON-OFF-(ON) | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 6-1571986-5 |
| A108J51ZQ004 | 1 | ON-(ON) | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 6-1571986-9 |
| A201J1AQ004 | 2 | ON-ON | Small | Right Angle | Silver | Black | N/A | RoHS Compliant | 1571987-2 |
| A201J1AV2Q004 | 2 | ON-ON | Small | Vertical Right Angle | Silver | Black | N/A | RoHS Compliant | 1571987-4 |
| A201J50ZQ004 | 2 | ON-ON | Snap-in | Wire Lug | Silver | Black | N/A | RoHS Compliant | 1-1571987-4 |
| A201J51ZQ004 | 2 | ON-ON | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 1-1571987-5 |
| A201J61ZQ004 | 2 | ON-ON | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 1-1571987-9 |
| A203J51ZQ004 | 2 | ON-OFF-ON | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 2-1571987-6 |
| A203J61ZQ004 | 2 | ON-OFF-ON | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 2-1571987-7 |
| A205J51ZQ004 | 2 | (ON)-OFF-(ON) | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 3-1571987-3 |
| A205J61ZQ004 | 2 | (ON)-OFF-(ON) | Snap-in, Frame | Wire Lug | Silver | Black | Black | RoHS Compliant | 3-1571987-4 |

Gemini AE Rocker Paddle Product Key



| GEMINI AE SERIES ROCKER/PADDLE | | | | | | | | | |
|--------------------------------|-------|---------------|----------|----------------------|----------|------------|----------------|-------------|--|
| Product Key | Poles | Function | Actuator | Terminals | Contacts | Act. Color | Material | Part Number | |
| AE101J1AQ004 | 1 | ON-ON | Standard | Right Angle | Silver | Black | RoHS Compliant | 1571988-2 | |
| AE101J1AV2Q004 | 1 | ON-ON | Standard | Vertical Right Angle | Silver | Black | RoHS Compliant | 1571988-4 | |
| AE101J1V3B004 | 1 | ON-ON | Standard | Br. .620 (15.75) | Gold | Black | RoHS Compliant | 1571988-5 | |
| AE105J1V3B004 | 1 | (ON)-OFF-(ON) | Standard | Br. .620 (15.75) | Gold | Black | RoHS Compliant | 1-1571988-0 | |
| AE201J1AV2Q004 | 2 | ON-ON | Standard | Vertical Right Angle | Silver | Black | RoHS Compliant | 1571989-2 | |
| AE201J1V3B004 | 2 | ON-ON | Standard | Br. .620 (15.75) | Gold | Black | RoHS Compliant | 1571989-3 | |

How to Specify a Switch

Electrical Considerations

Voltage of Applications: _____ Current of Application: _____

Circuitry Configuration: Number of Poles: _____ Number of Throws: _____

Number of Operations anticipated: _____

Agency Approvals or Listings Desired: _____

Mechanical Considerations

Type of Switch (Actuator Type): _____ Toggle _____ Pushbutton _____ Rotary _____ Rocker _____ Other

Switch Function (On/Off/On): _____ On/Off: _____ Momentary: _____

Termination: _____ Thru-Hole (PC) _____ Surface Mount _____ Wire Lug _____ Quick Connect _____ Other

Sealing Contamination Requirements: _____

Product Processing Considerations

Anticipated Soldering Process: _____ Hand _____ Wave _____ SMT _____ Other

FOR MORE INFORMATION

TE Technical Support Center

USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

te.com

© 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

2-1773458-5 CIS LUG FP 1M 04/2011

TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Toggle Switches](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[8928K478](#) [8A1-C-222](#) [020017-13](#) [60012L](#) [6006L](#) [CS115W](#) [CS120W](#) [6663](#) [7101SPDV30BE](#) [7103SDV30BE](#) [7105D](#) [7108P3YAV2BE](#)
[71YY50282](#) [7300K36](#) [7301K38](#) [7306K36](#) [7310K36](#) [7506K4](#) [7592K6](#) [7660K12](#) [7691K14](#) [7700K1](#) [8391K108](#) [8396K108](#) [8811K17](#)
[8812K14](#) [8824K14](#) [8828K13](#) [8835K3](#) [8858K44](#) [PS83-121G](#) [1-1825192-0](#) [A201SCWZB04](#) [A207SYCB04](#) [A208J61ZQ0004](#) [A221T1TCQ](#)
[A323S1CWZQ](#) [A423S1CWZG-M8](#) [1201W](#) [12156AX408](#) [12147AGKX679](#) [12246X778](#) [12TW49-3D](#) [130312](#) [13037L](#) [13001X](#)
[AE101MD1W4B04](#) [AE208SD1W4B04](#) [MS24659-22D](#) [MS27407-5](#)