

800G Product Line Extension



Bulletin 800G hazardous location push buttons

Features and Benefits

- Expanded certifications for global use in hazardous location
 - ATEX (Europe)
 - IECEx (Africa, Australia, India, etc.)
 - INMETRO (Brazil)
 - NEPSI (China)
- Rated for hazardous gas and dust environments
 - Zone 1, Zone 2, Zone 21, Zone 22
 - Flameproof (db), Increased Safety (eb), and Enclosure (tb) protection types
- Panel mount design
 - Two tabs for panel mount cover installation
 - 800G-APMC panel mount cover accessory can be field-installed on back-of-panel to attain additional IP66 and IP67 ratings
 - Assembly maintains certification coverage
- Assembled station configurations available for ease of selection and installation including:
 - Dual push buttons
 - Key-operated selector switches
 - Locking guard, locking cover
 - Additional snap-in color cap variations
- Availability as individual components or standard or custom assembled stations for optimal flexibility

Your source for global hazardous location solutions



Product Description

Rockwell Automation has expanded the Bulletin 800G portfolio to include a new subset of products for hazardous location applications. The 800G “-EX” product offering has ATEX and IECEx certifications along with other regional certificates for hazardous gas and dust environments around the world.

The enhanced “-EX” product offering is compliant with current EN/IEC 60079 series standards, confirming conformity when designing solutions for Europe, Asia, and other countries. Zone 1, Zone 2, Zone 21, and Zone 22 coverage for hazardous gas and dust environments cover most applications across most industrial verticals.

Hazardous location solutions can be purchased as individual components for field-installation. Ten different operator styles are paired with base mount or panel mount contact blocks and power modules. A new panel mount design allows for quick and easy field-installation of a panel mount cover accessory, providing IP66/IP67 environmental ratings when required.

Additional assembled station configurations are available for our “-EX” product offering. Dual push buttons and key-operated selector switches can be selected when configuring a control station. A locking guard can be added over our Emergency Stop push-pull and a locking cover can be selected for push button and selector switch operators. Up to three 800G enclosures can be “ganged” together, providing a command and indication station with up to nine different operator functions.

Bulletin 800G Family Comparison

	Bulletin 800G Solutions	Bulletin 800G "-EX" Solutions
Certifications	cULus, ATEX (outdated)	ATEX (updated), IECEx, INMETRO, NEPSI
Hazardous Area Classification	Class I Division 2, Class I Zone 1	Zone 1, Zone 21
Environmental Ratings	IP66, IP67 (selection configurations), Type 4X	IP64, IP66, IP67 (select configurations)
Compatibility with 800G-APMC (Panel Mount Cover Accessory)	No	Yes
Field Installation of Stations Allowed/ Empty Enclosures Available for Sale	Yes	No
Assembled Stations	Standard, ganged, custom	Standard, ganged, custom
Catalog Number String	Existing (will not change)	"-EX" suffix (signifies ATEX and IECEx)

ATEX & IECEx Assembled Station Expansion

Description	Operator Code
Dual Momentary Push Button	U
2 Position Key Selector Switch	R
3 Position Key Selector Switch	S
E-stop Push-Pull w/ Locking Guard	4
Non-Illuminated Push-Button w/ Locking Cover	5
Illuminated Push-Button w/ Locking Cover	6
2 Position Selector Switch w/ Locking Cover	8
3 Position Selector Switch w/ Locking Cover	9

Complete Assembled Station Catalog Numbers

Catalog Number	Description
800G-144N3-EX	Red E-Stop Push-Pull with 2 NC Contacts and Locking Guard, M20 Plastic Cable Gland
800G-144A3-EX	Red E-Stop Push-Pull with 1 NO 1 NC Contact and Locking Guard, M20 Plastic Cable Gland
800G-1R1A3-EX	2 Position Maintained Key Selector Switch with 1 NO 1 NC Contact, Key Removal Left, M20 Plastic Cable Gland
800G-1UXA8-EX	Dual Push Button with 1 NO 1 NC Contact, M20 Metal Cable Gland
800G-2FAA5BA3-EX	START Push Button with 1 NO 1 NC Contact, STOP Push Button with 1 NO 1 NC Contact and Locking Cover, M20 Plastic Cable Gland
800G-2F3A54A3-EX	Green Push Button with 1 NO 1 NC Contact, Red Push Button with 1 NO 1 NC Contact and Locking Cover, M20 Plastic cable Gland
800G-2P4DUXA3-EX	Red Pilot Light, Dual Push Button with 1 NO 1 NC Contact, M20 Plastic Cable Gland
800G-3F3AF4A44A3-EX	Green Push Button with 1 NO 1 NC Contact, Red Push Button with 1 NO 1 NC Contact, Red E-Stop Push-Pull with 1 NO 1 NC Contact and Locking Guard, M20 Plastic Cable Gland

This table includes commonly used catalog numbers for assembled stations and more standard configurations can be found within our configuration tools or publication [800-TD011 -EN-P](#) (pages 52-54).

Allen-Bradley and Rockwell Software are trademarks of Rockwell Automation, Inc. Trademarks not belonging to Rockwell Automation are property of their respective companies.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846