



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**



(3) EC-type-examination Certificate Number:

PTB 01 ATEX 1039 X

(4) Equipment: Switch Module Type 800G-XLC3*

(5) Manufacturer: Rockwell Automation / Allen-Bradley

(6) Address: 1201 South Second Street, 53204 Milwaukee WI, USA

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 01-11075.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014:1997

EN 50018:1994

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 2 G EEx d IIC T6

Zertifizierungsstelle Explosionsschutz

Braunschweig, October 01, 2001

By order:

Dipl.-Phys. U. Völkel

(13)

SCHEDULE

EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1039 X

(15) Description of equipment

The switch module of type 800G-XLC3* is a flush-mounting switch providing with one basic unit or two electrically separated basic units designed for front-panel mounting. It is used as a control switch. Connection is by means of an integrated connection cable (open ended line).

Electrical data

Rated insulation voltage U_i	up to	400 V	690 V		
Rated operating voltage U_e	up to	400 V	400 V	110 V	24 V
Rated operating current I_e	max.	10 A	16 A	0.5 A	1 A
Related to utilization category		AC-15	AC-12	DC-13	DC-13

Provided the making and breaking capacity complies with the relevant conditions, rated values other than those specified above are accepted and will be defined by the manufacturer on the basis of the operating mode, utilization category, etc.

Conventional thermal current I_{the}		
for ambient temperature up to 40 °C	max.	16 A
for ambient temperature up to 60 °C	max.	11 A

Nominal cross section	max.	4 x 1.5 mm ² fine stranded
		4 x 2.5 mm ² fine stranded

Contacts 2 break or make contacts, or 1 break and 1 make contact
or: 1 break or 1 make contact

Ambient temperature -55 °C...+40 °C or +60 °C

The switch module is designed for a temperature resistance of 85 °C; it can be used in temperature class T6 atmospheres.

Test report PTB Ex 01-11075

(17) Special conditions for safe use

The switch module shall be installed in such way to provide mechanical protection against impact energy in accordance with EN 50014 section 23.4.3.1.

The quality of the connecting cable shall satisfy the thermal and mechanical requirements within the functional range.

(18) Essential health and safety requirements

The test carried out and their positive results show that the switch Module Type 800G-XLC3* complies with the requirement of Directive 94/9/EC and of the standards on the cover sheet.

Zertifizierungsstelle Explosionsschutz
By order:

Braunschweig, October 01, 2001


Dipl.-Phys 