

BRE Global

UK Approved Body No. 0832

BRE Global Limited
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Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0178

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

FC2020 Control and Indicating Equipment and Electrical Automatic Control and Delay Device

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

Siemens Switzerland Limited
Theilerstrasse 1a
CH-6300 Zug
Switzerland

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CH-6300 Zug
Switzerland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 54-2:1997 + A1:2006 - Control and indicating equipment
EN 54-4: 1997 + A1: 2002 + A2: 2006 - Power supply equipment
EN 12094-1:2003 - Components for Gas Extinguishing Systems - Requirements and Test Methods for Electrical Automatic Control and Delay Devices

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.



This certificate was first issued on 25 January 2022 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.

S. David, Technical Certification Manager

On behalf of BRE Global Limited

Date of First Issue: 25 January 2022

Issue Date: 03 July 2024

Issue Number: 03

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email enquiries@breglobal.com

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Incorporating as modular units:

FCM2027	PMI- & Mainboard
FCM2028-A2	Operating unit
FCM2037-A2	Operating unit (w/o accs.)
FP2015-A1	70W Power supply
FCI2002-A1	Periphery board (2-Loop)

and as optional modular units:

FCA2001-A1	RS232 Module (isolated)
FCA2002-A1	RS485 Module (isolated)
FCA2031-A1	Connection Module (MoNet)
FCA2046-A1	Card Cage (1sector extinguishing)
FCI2001-D1	Fire brigade periphery module
FCI2003-A1	Loop expansion (FDnet)
FCI2023-A1	Periphery board (2-Loop, P)
FCI2025-A1	Loop Extension (FDnet, P)
FCM2036-A2	Operating add-on (4xLED indication)
FCM2038-A2	Operating add-on (2xLED indication)
FN2001-A1	Network module (SAFEDLINK) (See note 1)
FN2008-A1	Ethernet Switch (MM) (see note 1)
FN2012-A1	Ethernet Switch (modular)
FTO2001-A1	Event printer set
FTO2008-A1	LED module
SV24V-150W	Power Supply
FP2017-A1	or 250W Power Supply



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VN2002-A1	Ethernet module (MM)
VN2003-A1	Ethernet module (SM)
FHA2002-A1	Rear housing standard
FHA2003-A1	Rear Housing Comfort
XCI2005-A1	Extinguishing Card
XCM2002-A2	Extinguishing Terminal (1 sector)
XT2001-A2	Extinguishing Terminal (remote)

Certified with the following Options with requirements from EN 54-2:

- 7.8 Output to fire alarm devices
- 7.9.1 Output to fire alarm routing equipment
- 7.9.2 Alarm Confirmation from fire alarm routing equipment
- 7.10.1 Output to automatic fire protection equipment Type A
- 7.10.2 Output to automatic fire protection equipment Type B
- 7.10.3 Output to automatic fire protection equipment Type C
- 7.10.4 Fault monitoring of automatic fire protection Equipment
- 7.11 Delays to outputs
- 7.12.2 Dependencies on more than one alarm signal type B (only for FDnet- & MS9i-line technology)
- 7.12.3 Dependencies on more than one alarm signal type C
- 7.13 Alarm counter
- 8.3 Fault signals from points
- 8.9 Output to fault warning routing equipment
- 9.5 Disablement of addressable points
- 10 Test condition



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Certified with the following option with requirements from EN 12094-1:2003

- 4.17 Delay of extinguishing signal
- 4.18 Signal representing the flow of extinguishing agent
- 4.19 Monitoring of the status of components
- 4.20 Emergency hold device [Sequence a) and b)]
- 4.21 Control of flooding time
- 4.23 Manual only mode
- 4.24 Triggering signals to equipment within the system
- 4.25 Extinguishing signals to spare cylinders
- 4.26 Triggering of equipment outside the system
- 4.27 Emergency abort device
- 4.28 Control of extended discharge
- 4.30 Activation of alarm devices with different signals

Notes:

1. Scope of approval does not include the operation of the network functionality.
2. This approval does not constitute compliance with the fire detection and fire alarm systems requirements of EN 54-13.



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