



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx UL 22.0039X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 6	Issue 5 (2023-11-17)
Date of Issue:	2024-09-27		Issue 4 (2023-10-31)
Applicant:	Rockwell Automation 1201 S 2nd St. Milwaukee, WI, 53204 United States of America		Issue 3 (2022-12-15)
Equipment:	Programmable Controllers - Analog I/O Modules: 1756-IF16, 1756-IF8, 1756-OF4, 1756-OF8, 1756-IF8I, 1756-OF8I, 1756-IT16, 1756-IRT8I, 1756-IR12, 1756-IF4FXOF2F, 1756-IF16XT, 1756-IF8XT, 1756-OF4XT, 1756-OF8XT, 1756-IF8IXT. Catalog Numbers may be followed by letter 'K' to indicate a conformal coating options.		
Optional accessory:			
Type of Protection:	Increased Safety "ec"		
Marking:	Ex ec IIC T4 Gc		
	See Annex to CoC for Temperature Ranges		

Approved for issue on behalf of the IECEx
Certification Body:

Lucy Frieders

Position:

Staff Engineer

Signature:
(for printed version)

Date:
(for printed version)

2024-09-27

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

UL Solutions (US)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





IECEX Certificate of Conformity

Certificate No.: **IECEX UL 22.0039X**

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Date of issue: 2024-09-27

Issue No: 6

Manufacturer: **Rockwell Automation**
1201 S 2nd St.
Milwaukee, WI, 53204
United States of America

Manufacturing locations: **Rockwell Automation**
8440 Darrow Road
Twinsburg, OH 44087
United States of America

Rockwell Automation
Camino Vecinal S/N 3051
Nuevo Leon
Mexico

Rockwell Automation Asia Pacific Business Center Pte Ltd.
No 2 Corporation Road
#06-05/10 Corporation Place
618494
Singapore

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 7.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

US/UL/ExTR14.0009/00
US/UL/ExTR14.0009/03
US/UL/ExTR14.0009/06
US/UL/ExTR14.0009/09
US/UL/ExTR14.0009/12
US/UL/ExTR14.0009/15
US/UL/ExTR15.0062/02
US/UL/ExTR15.0062/05
US/UL/ExTR15.0062/08
US/UL/ExTR22.0044/02
US/UL/ExTR22.0044/05

US/UL/ExTR14.0009/01
US/UL/ExTR14.0009/04
US/UL/ExTR14.0009/07
US/UL/ExTR14.0009/10
US/UL/ExTR14.0009/13
US/UL/ExTR15.0062/00
US/UL/ExTR15.0062/03
US/UL/ExTR15.0062/06
US/UL/ExTR22.0044/00
US/UL/ExTR22.0044/03
US/UL/ExTR22.0044/06

US/UL/ExTR14.0009/02
US/UL/ExTR14.0009/05
US/UL/ExTR14.0009/08
US/UL/ExTR14.0009/11
US/UL/ExTR14.0009/14
US/UL/ExTR15.0062/01
US/UL/ExTR15.0062/04
US/UL/ExTR15.0062/07
US/UL/ExTR22.0044/01
US/UL/ExTR22.0044/04

Quality Assessment Reports:

GB/ITS/QAR14.0010/09
US/ETL/QAR12.0005/11

GB/ITS/QAR14.0011/07

GB/ITS/QAR14.0014/07



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Programmable Controllers, Analog I/O Modules

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- This equipment shall be mounted in an IECEx certified enclosure with a minimum ingress protection rating of at least IP54 (in accordance with IEC 60079-0) and used in an environment of not more than Pollution Degree 2 (as defined in IEC 60664-1) when applied in Zone 2 environments. The enclosure must be accessible only by the use of a tool.
- Provision shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140% of the rated voltage when applied in Zone 2 environments.
- Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous.
- The instruction in the user manual shall be observed.
- This equipment must be used only with IECEx certified Rockwell Automation equipment



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: Transfer and addition of models 1756-OF4 and 1756-OF8 to certificate, and update of 1756-OF4 and 1756-OF8 models to protection method 'ec'.

Issue 2: Transfer of models to certificate and updating to 'ec' protection method.

Issue 3: Minor changes to ratings table; Addition of new manufacturing location.

Issue 4: Minor construction changes for 1756-OF 4/8.

Issue 5: The addition of the ControlLogix Analog modules, Models 1756-OF4 Series C and 1756-OF8 Series C. Update to label design.

Issue 6: Revised alternate constructions of Models 1756-IF16, 1756-IF8, 1756-IF8I, 1756-OF8, 1756-OF4 are included in this update. The revised models now include 1756-IF16XT, 1756-IF8XT, 1756-OF4XT, 1756-OF8XT, 1756-IF8IXT. Models 1756-IF16XT and 1756-IF8XT include on-critical component changes and transistor change. All other models have identical hardware and have updated their conformal coating.

Annex:

[Annex to IECEx UL 22.0039X Issue 6.pdf](#)



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TYPE DESIGNATION

Module	Series	Description
1756-IF16	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 16 analog voltage inputs of +/- 10V or current inputs of 4-20mA for control purposes.
1756-IF16XT	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 16 analog voltage inputs or current inputs for control purposes.
1756-IF8	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 8 analog voltage inputs of +/- 10V or current inputs of 4-20mA for control purposes.
1756-IF8XT	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 8 analog voltage inputs or current inputs for control purposes.
1756-OF4	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 4 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-OF4XT	C	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 4 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-OF8	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 8 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-OF8XT	C	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 8 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-OF4	C	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 4 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-OF8	C	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system It is used to provide 8 analog voltage outputs of +/- 10V and current outputs of 0-20mA for control purposes.
1756-IF8I	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is used to provide analog voltage and current inputs for control purposes.
1756-IF8IXT	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is used to provide analog voltage and current inputs for control purposes.
1756-OF8I	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is used to provide analog voltage and current outputs for control purposes.



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1756-IT16	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is utilized device for measuring the voltages and currents of analog devices such a thermocouples.
1756-IRT8I	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is utilized device for measuring the voltages and currents of analog devices such as thermocouples or RTDs.
1756-IR12	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is utilized device for measuring the voltages and currents of analog devices such as RTDs.
1756-IF4FXOF2F	B	This equipment is a modular component of the Allen-Bradley ControlLogix industrial control system. It is utilized device for measuring the voltages +/- 10V and currents of 4-20mA and to source analog voltages of +/-10V and currents of 4-20mA.

Cat. Nos. may be followed by K to indicate a conformal coating.

PARAMETERS RELATING TO THE SAFETY

Module	Series	Electrical Ratings	Ambient Temperature	For use with RTB
1756-IF16	B	Backplane: 5.1 Vdc @ 200mA, 24Vdc @ 35mA Inputs: +/-10 V, 4-20 mA	0°C < Ta < +60°C	1756-TBCH 1756-TBS6H
1756-IF16XT	B	Backplane: 5.1 Vdc @ 200mA, 24Vdc @ 35mA Inputs: +/-10 V, 4-20 mA	1756-IF16XT	B
1756-IF8	B	Backplane: 5.1 Vdc @ 200mA, 24Vdc @ 30mA Inputs: +/-10 V, 4-20 mA	0°C < Ta < +60°C	1756-TBCH 1756-TBS6H
1756-IF8XT	B	Backplane: 5.1 Vdc @ 200mA, 24Vdc @ 30mA Inputs: +/-10 V, 4-20 mA	1756-IF8XT	B
1756-OF4	B	Backplane: 5.1 Vdc @ 200mA, 155mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	0°C < Ta < +60°C (When used with Series C Chassis) 0°C < Ta < +55°C (When used with Series B Chassis)	1756-TBNH 1756-TBSH
1756-OF8	B	Backplane: 5.1 Vdc @ 200mA, 300mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	0°C < Ta < +60°C (When used with Series C Chassis) 0°C < Ta < +55°C (When used with Series B Chassis)	1756-TBNH 1756-TBSH



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Module	Series	Electrical Ratings	Ambient Temperature	For use with RTB
1756-OF4	C	Backplane: 5.1 Vdc @ 200mA, 155mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	0°C < Ta < +60°C (When used with Series C Chassis) 0°C < Ta < +55°C (When used with Series B Chassis)	1756-TBNH 1756-TBSH
1756-OF4XT	C	Backplane: 5.1 Vdc @ 200mA, 155mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	1756-OF4XT	C
1756-OF8	C	Backplane: 5.1 Vdc @ 200mA, 300mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	0°C < Ta < +60°C (When used with Series C Chassis) 0°C < Ta < +55°C (When used with Series B Chassis)	1756-TBNH 1756-TBSH
1756-OF8XT	C	Backplane: 5.1 Vdc @ 200mA, 300mA @ 24VDC Outputs: +/-10VDC, 0-20mADC	1756-OF8XT	C
1756-IF8I	B	Power from system backplane: 5.1V dc, 200 mA, 24V dc, 400 mA Input Voltage: -10 to +10V 0 to 10V 0 to 5V Input Current: 0 to 20 mA. Output Current: 0 to 20 mA	0°C ≤ Ta ≤ 60°C	1756-TBCH 1756-TBS6H
1756-IF8IXT	B	Power from system backplane: 5.1V dc, 200 mA, 24V dc, 400 mA Input Voltage: -10 to +10V 0 to 10V 0 to 5V Input Current: 0 to 20 mA. Output Current: 0 to 20 mA	1756-IF8IXT	B
1756-OF8I	B	Power from system backplane: 5.1V dc, 200 mA 24V dc, 385 mA Output Voltage: -10 to +10V 0 to 10V 0 to 5V	0°C ≤ Ta ≤ 60°C	1756-TBCH 1756-TBS6H



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Module	Series	Electrical Ratings	Ambient Temperature	For use with RTB
		Output Current: 0 to 20 mA.		
1756-IT16	B	Backplane: 5.1Vdc, 210 mA 24Vdc, 80 mA Inputs: Voltage: +/- 100 mV max 5VA Thermocouples: B,C,E,J,K,R,S,T,N,D,L	$0^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$	1756-TBCH 1756-TBS6H
1756-IRT8I	B	Power from system backplane: 5.1V dc, 210 mA 24V dc, 150 mA Input: 1-4000 Ohms; +/-100mV Thermocouple: B, C, E, J, K, R, S, T, N, D, L	$0^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$	1756-TBCH 1756-TBS6H
1756-IR12	B	Backplane: 5.1Vdc,210 mA 24Vdc, 70 mA Input: 1-4000 Ohms	$0^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$	1756-TBCH 1756-TBS6H
1756-IF4FXOF2 F	B	Backplane: 375 mA @ 5.1 Vdc; 100 mA @ 24 Vdc Analog inputs: +/-10 V, 4-20 mA. Analog outputs: +/-10 V, 4-20 mA.	$0^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$	1756-TBCH 1756-TBS6H



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MARKING

Marking has to be readable and indelible; it has to include the following indications:

Drawing: 10006310145

AB CAT 1756-IF16 SER B FW 2.011
ControlLogix 16 Point A/I Module

BP: 200mA @ 5.1VDC
BP: 35mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°CStAs+60°C

PN-634826
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2 GP A, B, C, D
99CM
IND. CONT. EQ. FOR HAZ. LOC.

FM APPROVED
TEMP CODE T4

SN 123456713

AB CAT 1756-IF8 SER B FW 2.011
ControlLogix 8 Point A/I Module

BP: 200mA @ 5.1VDC
BP: 30mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°CStAs+60°C

PN-634827
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2 GP A, B, C, D
99CM
IND. CONT. EQ. FOR HAZ. LOC.

FM APPROVED
TEMP CODE T4

SN 123456766

AB CAT 1756-IF16K SER B
ControlLogix 16 Point A/I Module

BP: 200mA @ 5.1VDC
BP: 35mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°CStAs+60°C

PN-634838
5170 PRODUCT OF SINGAPORE 2023/09/15
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2 GP A, B, C, D
99CM
IND. CONT. EQ. FOR HAZ. LOC.

FM APPROVED
TEMP CODE T4

SN 123456789

AB CAT 1756-IF8K SER A
ControlLogix 8 Point Analog Input

BP: 200mA @ 5.1VDC
BP: 30mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°CStAs+60°C

PN-252115
5170 PRODUCT OF SINGAPORE 2023/09/15
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2 GP A, B, C, D
99CM
IND. CONT. EQ. FOR HAZ. LOC.

FM APPROVED
TEMP CODE T4A

SN 123456789



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AB CAT 1756-IF16XT SER B FW 2.013
ControlLogix 16 Point Analog Input XT

BP: 200mA @ 5.1VDC
BP: 35mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°C ≤ Ta ≤ +60°C

PN-716366

1020

PRODUCT OF USA

2024/05/14

Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G

Ex ec IIC T4 Gc

IECEx UL 22.0039X

UL22ATEX2772X

UL22UKEX2499X



KCC-REM-RAA-1756-AI



CL I, DIV 2

GP A, B, C, D

LISTED

99CM

IND. CONT. EQ.

FOR HAZ. LOC.

FM

APPROVED

TEMP CODE

T4



SN 201002734

AB CAT 1756-IF8XT SER B FW 2.013
ControlLogix 8 Point Analog Input XT

BP: 200mA @ 5.1VDC
BP: 30mA @ 24VDC
I/O: +/-10VDC and 4-20mADC

0°C ≤ Ta ≤ +60°C

PN-716367

1020

PRODUCT OF USA

2024/05/14

Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G

Ex ec IIC T4 Gc

IECEx UL 22.0039X

UL22ATEX2772X

UL22UKEX2499X



KCC-REM-RAA-1756-AI



CL I, DIV 2

GP A, B, C, D

LISTED

99CM

IND. CONT. EQ.

FOR HAZ. LOC.

FM

APPROVED

TEMP CODE

T4



SN 201002776



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CAT
1756-OF8K
ControlLogix 8 Pt A/O I or V Module

SER B
FW 2.011

BP:200mA @ 5.1VDC
BP:300mA @ 24VDC
OUT: +/-10VDC and 0-20mA DC
0°C ≤ T_a ≤ +55°C Ser B Chassis
0°C ≤ T_a ≤ +60°C Ser C Chassis

PN-634840

9999 PRODUCT OF USA 2023/09/15
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
C UL US
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 211000127



TEMP CODE
T4



CAT
1756-OF4K
ControlLogix 4 Pt A/O I or V Module

SER B
FW 2.011

BP:200mA @ 5.1VDC
BP:155mA @ 24VDC
OUT: +/-10VDC and 0-20mA DC
0°C ≤ T_a ≤ +55°C Ser B Chassis
0°C ≤ T_a ≤ +60°C Ser C Chassis

PN-634841

9999 PRODUCT OF USA 2023/09/15
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
C UL US
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 211000131



TEMP CODE
T4



CAT
1756-OF8
ControlLogix 8 Pt A/O I or V Module

SER B
FW 2.011

BP:200mA @ 5.1VDC
BP:300mA @ 24VDC
OUT: +/-10VDC and 0-20mA DC
0°C ≤ T_a ≤ +55°C Ser B Chassis
0°C ≤ T_a ≤ +60°C Ser C Chassis

PN-634828

5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
C UL US
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 123456712



TEMP CODE
T4



CAT
1756-OF4
ControlLogix 4 Pt A/O I or V Module

SER B
FW 2.011

BP:200mA @ 5.1VDC
BP:155mA @ 24VDC
OUT: +/-10VDC and 0-20mA DC
0°C ≤ T_a ≤ +55°C Ser B Chassis
0°C ≤ T_a ≤ +60°C Ser C Chassis

PN-634829

5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
C UL US
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 123456767



TEMP CODE
T4



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AB CAT 1756-OF8
ControlLogix 8 Pt A/O I or V Module
BP:200mA @ 5.1VDC
BP:300mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C≤Ta≤+55°C Ser B Chassis
0°C≤Ta≤+60°C Ser C Chassis

PN-708670
1020 PRODUCT OF USA 2023/10/19
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SER C
FW 3.011



SEE MANUAL FOR INSTALL INFO

Ex II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



IND. CONT. EQ. FOR HAZ. LOC.

AB CAT 1756-OF4
ControlLogix 4 Pt A/O I or V Module
BP:200mA @ 5.1VDC
BP:155mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C≤Ta≤+55°C Ser B Chassis
0°C≤Ta≤+60°C Ser C Chassis

PN-708673
1020 PRODUCT OF USA 2023/10/19
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SER C
FW 3.011



SEE MANUAL FOR INSTALL INFO

Ex II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



IND. CONT. EQ. FOR HAZ. LOC.

AB CAT 1756-OF8K
ControlLogix 8 Pt A/O I or V Module
BP:200mA @ 5.1VDC
BP:300mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C≤Ta≤+55°C Ser B Chassis
0°C≤Ta≤+60°C Ser C Chassis

PN-708674
1020 PRODUCT OF USA 2023/10/19
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SER C
FW 3.011



SEE MANUAL FOR INSTALL INFO

Ex II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



IND. CONT. EQ. FOR HAZ. LOC.

AB CAT 1756-OF4K
ControlLogix 4 Pt A/O I or V Module
BP:200mA @ 5.1VDC
BP:155mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C≤Ta≤+55°C Ser B Chassis
0°C≤Ta≤+60°C Ser C Chassis

PN-708676
1020 PRODUCT OF USA 2023/10/19
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SER C
FW 3.011



SEE MANUAL FOR INSTALL INFO

Ex II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



IND. CONT. EQ. FOR HAZ. LOC.



IECEx Certificate of Conformity

Annex to Certificate No.:

IECEx UL 22.0039X

Issue No.: 6

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CAT
1756-OF8XT
ControlLogix 8 Point Analog Output XT

SER
C
FW
3.011

BP:200mA @ 5.1VDC
BP:300mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C ≤ Ta ≤ +55°C Ser B Chassis
0°C ≤ Ta ≤ +60°C Ser C Chassis

PN-716368

1020 PRODUCT OF USA 2024/05/14
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



KCC-REM-RAA-1756-AO



CL I, DIV 2
GP A, B, C, D
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.



TEMP CODE
T4



SN 201002809



CAT
1756-OF4XT
ControlLogix 4 Point Analog Output XT

SER
C
FW
3.011

BP:200mA @ 5.1VDC
BP:155mA @ 24VDC
OUT: +/-10VDC and 0-20mADC
0°C ≤ Ta ≤ +55°C Ser B Chassis
0°C ≤ Ta ≤ +60°C Ser C Chassis

PN-716369

1020 PRODUCT OF USA 2024/05/14
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



KCC-REM-RAA-1756-AO



CL I, DIV 2
GP A, B, C, D
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.



TEMP CODE
T4



SN 201002835



IECEx Certificate of Conformity

Annex to Certificate No.:

IECEx UL 22.0039X

Issue No.: 6

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Drawing 10002297889



CAT
1756-IF8I
ControlLogix 8 Point Analog Input

SER
B

FW
3.005

BP: 200mA @ 5.1VDC
BP: 400mA @ 24VDC
IN: +/-10VDC, 0-5VDC
IN: 0-10VDC
IN/OUT: 0-20mADC

0°C ≤ Ta ≤ +60°C

PN-585009

5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

TEMP CODE
T4



SN 123456701



CAT
1756-IF8IK
ControlLogix 8 Point Analog Input Isolat

SER
B

FW
3.005

BP: 200mA @ 5.1VDC
BP: 400mA @ 24VDC
IN: +/-10VDC, 0-5VDC
IN: 0-10VDC
IN/OUT: 0-20mADC

0°C ≤ Ta ≤ +60°C

PN-585025

5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

TEMP CODE
T4



SN 123456702



CAT
1756-IF8IXT
ControlLogix 8 Point Analog Input XT

SER
B

FW
3.012

BP: 200mA @ 5.1VDC
BP: 400mA @ 24VDC
IN: +/-10VDC, 0-5VDC
IN: 0-10VDC
IN/OUT: 0-20mADC

0°C ≤ Ta ≤ +60°C

PN-716364

1020 PRODUCT OF USA 2024/05/14
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA



SEE MANUAL FOR INSTALL INFO



II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X



CL I, DIV 2
GP A, B, C, D
LISTED
99CM
IND. CONT. EQ.
FOR HAZ. LOC.

TEMP CODE
T4



SN 201002691





IECEx Certificate of Conformity

Annex to Certificate No.:

IECEx UL 22.0039X

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Drawing 10002309120

AB CAT 1756-OF8I SER B FW 4.004
ControlLogix 8 Point Analog Output

BP: 200mA @ 5.1VDC
BP: 385mA @ 24VDC
OUT: +/-10VDC, 0-5VDC
OUT: 0-10VDC, 0-20mADC

0°CStAs+60°C

PN-585019
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

IECEx II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC KCC-REM-RAA-1756-AO

CE UK CA
25 EAC

CL I, DIV 2 GP A, B, C, D
SN 123456703

UL US LISTED 99CM
IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4

AB CAT 1756-OF8IK SER B FW 4.004
ControlLogix 8 Point Analog Output Isola

BP: 200mA @ 5.1VDC
BP: 385mA @ 24VDC
OUT: +/-10VDC, 0-5VDC
OUT: 0-10VDC, 0-20mADC

0°CStAs+60°C

PN-585029
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

IECEx II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC KCC-REM-RAA-1756-AO

CE UK CA
25 EAC

CL I, DIV 2 GP A, B, C, D
SN 123456704

UL US LISTED 99CM
IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4

Drawing 10002379526

AB CAT 1756-IT16 SER B FW 3.011
ControlLogix 16 Pt TC Input Module

BP: 210mA @ 5.1VDC
BP: 80mA @ 24VDC
IN: +/-100mV max 5VA
Thermocouple:
B,C,E,J,K,R,S,T,N,D,L

0°CStAs+60°C

PN-585048
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

IECEx II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC KCC-REM-RAA-1756-AI

CE UK CA
25 EAC

CL I, DIV 2 GP A, B, C, D
SN 123456705

UL US LISTED 99CM
IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A

AB CAT 1756-IT16K SER B FW 3.011
ControlLogix 16 Pt TC Input Module

BP: 210mA @ 5.1VDC
BP: 80mA @ 24VDC
IN: +/-100mV max 5VA
Thermocouple:
B,C,E,J,K,R,S,T,N,D,L

0°CStAs+60°C

PN-585049
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

IECEx II 3 G Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC KCC-REM-RAA-1756-AI

CE UK CA
25 EAC

CL I, DIV 2 GP A, B, C, D
SN 123456706

UL US LISTED 99CM
IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A



IECEX Certificate of Conformity

Annex to Certificate No.:

IECEX UL 22.0039X

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Drawing 10003279219

AB CAT 1756-IRT8I SER B FW 3.011
ControlLogix 8 Point RTD/Thermocouple In

BP: 210mA @ 5.1VDC
BP: 150mA @ 24VDC
IN: 1-4000Ohms; +/-100mV
RTD, Thermocouple:
B, C, E, J, K, R, S, T, N, D, L

0°C to 5+60°C

PN-585022
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEX UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2
GP A, B, C, D

SN 123456708

IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A

AB CAT 1756-IRT8IK SER B FW 3.011
ControlLogix 8 Point RTD/Thermocouple In

BP: 210mA @ 5.1VDC
BP: 150mA @ 24VDC
IN: 1-4000Ohms; +/-100mV
RTD, Thermocouple:
B, C, E, J, K, R, S, T, N, D, L

0°C to 5+60°C

PN-585032
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEX UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2
GP A, B, C, D

SN 123456709

IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A

Drawing 10004621817

AB CAT 1756-IR12 SER B FW 2.011
ControlLogix 12 Pt RTD Input Module

BP: 210mA @ 5.1VDC
BP: 70mA @ 24VDC
IN: 1-4000Ohms
RTD

0°C to 5+60°C

PN-585047
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEX UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2
GP A, B, C, D

SN 123456710

IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A

AB CAT 1756-IR12K SER B FW 2.011
ControlLogix 12 Pt RTD Input Module

BP: 210mA @ 5.1VDC
BP: 70mA @ 24VDC
IN: 1-4000Ohms
RTD

0°C to 5+60°C

PN-585052
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEX UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CE UK CA
KCC-REM-RAA-1756-AI

CL I, DIV 2
GP A, B, C, D

SN 123456711

IND. CONT. EQ. TEMP CODE
FOR HAZ. LOC. T4A



IECEx Certificate of Conformity

Annex to Certificate No.:

IECEx UL 22.0039X

Issue No.: 6

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Drawing 10002381113:

AB CAT 1756-IF4FXOF2F SER B
ControlLogix 4 Point Analog Comb Module

BP:375mA @ 5.1VDC
BP:100mA @ 24VDC
In & Out: +/-10V, 4-20mA

0°C ≤ T_{as} ≤ 60°C

1756-IF4FXOF2F B
5170 PRODUCT OF SINGAPORE 2023/09/11
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

UK CA
EAC
KCC-REM-RAA-1756-AO

CL I, DIV 2
GP A, B, C, D
FM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 123456707

UL
LISTED
99CM
TEMP CODE
T4

AB CAT 1756-IF4FXOF2FK SER B
ControlLogix 4 Point Analog Comb Module

BP:375mA @ 5.1VDC
BP:100mA @ 24VDC
In & Out: +/-10V, 4-20mA

0°C ≤ T_{as} ≤ 60°C

PN-453213
9999 PRODUCT OF USA 2023/09/15
Rockwell Automation, 1201 S 2nd St, Milwaukee, WI 53204, USA

SEE MANUAL FOR INSTALL INFO

II 3 G
Ex ec IIC T4 Gc
IECEx UL 22.0039X
UL22ATEX2772X
UL22UKEX2499X

CCC

UK CA
EAC
KCC-REM-RAA-1756-AO

CL I, DIV 2
GP A, B, C, D
FM
IND. CONT. EQ.
FOR HAZ. LOC.

SN 211000040

UL
LISTED
99CM
TEMP CODE
T4