



Epsilon

1 **EC - Type Examination Certificate**

2 Equipment intended for use in potentially explosive atmospheres

3 Certificate Number: EPSILON 07 ATEX 2196

4 Equipment: XCPX Range of Flameproof Enclosures

5 Manufacturer: Adalet, A Scott Fetzer Co

6 Address: 4801 West 150th Street
Cleveland, Ohio 44135. USA.

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

8 Epsilon, Notified Body number 1712 in accordance with Article 9 of the Council directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the directive

The examination and test results are recorded in confidential report no RETS(A)1693/A/1, A/2, A/3 & A/4

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

EN 60079-0:2006 EN 61241-0:2006
EN 60079-1:2004 Inc Corr 1 EN 61241-1:2004

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.

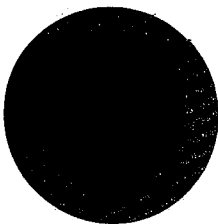
11 This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.

12 The marking of the equipment shall include the following:



II 2 GD

Ex d IIB + H2 see schedule for temperature classification
Ex tD A21 IP66 T100°C.



On behalf of Epsilon

S L Clarke MSc IEng MIET
Director

Date: 24 August 2007



13 **Schedule**

14 Certificate Number: EPSILON 07 ATEX 2196

15 Description of Equipment or protective system

The XCPX range of flameproof enclosures are manufactured from aluminium 359 or stainless steel and are rectangular or square in shape, each enclosure has a lid which has a flanged flamepath. The enclosures can be fitted with a variety of auxiliary devices which are defined on this certificate. Internal and external earthing is provided.

Ambient Temperature Range:

-20°C ≤ Tamb ≤ +40°C, T6 or T5

-20°C ≤ Tamb ≤ +55°C, T5

Maximum Internal Power Dissipation:

Size of enclosure (outside area)	Maximum dissipated power internally (Watts)	Ambient Temperature Range
0.25 – 0.5 m2	65 W	T5 (Tamb + 40°C)
0.501 – 1.0 m2	100 W	T5 (Tamb +40°C)
1.01 – 1.5 m2	200 W	T5 (Tamb +40°C)
1.501 – 2.0 m2	280 W	T5 (Tamb +40°C)
2.01 – 2.5 m2	380 W	T5 (Tamb +40°C)
2.501 – 4.0 m2	450 W	T5 (Tamb +40°C)

Size of enclosure (outside area)	Maximum dissipated power internally (Watts)	Ambient Temperature Range
0.25 – 0.5 m2	50 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)
0.501 – 1.0 m2	75 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)
1.01 – 1.5 m2	150 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)
1.501 – 2.0 m2	250 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)
2.01 – 2.5 m2	325 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)
2.501 – 4.0 m2	375 W	T6 (Tamb + 40°C), T5 (Tamb +55°C)

The XCPX range of flameproof enclosures are as follows

- XCPX 041604
- XCPX 060804 060805 060806
- XCPX 061105
- XCPX 061204 061206
- XCPX 061305
- XCPX 071004 071006
- XCPX 071805
- XCPX 080804 080806 080808
- XCPX 081004 081006 081008
- XCPX 081204 081206 081208
- XCPX 091105
- XCPX 101004 101006 101008
- XCPX 101206
- XCPX 101404 101406 101408 101410
- XCPX 121204 121206 121208
- XCPX 121804 121806 121808
- XCPX 122005





XCPX 122404 122406 122408 122410
 XCPX 123006
 XCPX 123604 123606 123608
 XCPX 124608
 XCPX 141404 141406 141408
 XCPX 142210 142213
 XCPX 142806
 XCPX 161604 161606 161608
 XCPX 162406 162408 162410
 XCPX 162806
 XCPX 163010
 XCPX 163406
 XCPX 164610
 XCPX 181804 181806 181808
 XCPX 182406 182408 182410
 XCPX 183008
 XCPX 183608 183610
 XCPX 203606 203612
 XCPX 204806 204812
 XCPX 242408 242410
 XCPX 243008
 XCPX 243608 243610 243612

Auxiliary items included in this certification are as follows

3/8" – 16 UNC Operators

XMOBSS	XMORBS	XMOB-1 to -14
XIRBS	XIRB	XMORB
XMOBS-1 to -14	XMOSS-1 to -3	XMOS-1 to -3

3/8" – 18 NPSM Operators

XCBH 21	XPB1-GL1	XPB1GL2
XCBH 22	XPB1-GR1	XPB1-GR2
XCBH1GF-L	XPB1-H1	XPB2-H1
XCBH1GF-R	XPB1-H2	XRB
XRSO1	XPB1-H3	

3/4" – 14 NPSM Operators

XCS-1*	XHKSSL	XHSSL
XCS-2*	XHKSSR	XHSSPL
XCS-3*	XHKSSS	XHSSR
XCS-4*	XHPB	XHSSS
XCS-5*	XHPBL	XHSSSPL
XRBL	XHPBL	XPO
XRBL	XHPBM	XPOL
XBOS	XHPBMS	XPOC
XHDMC	XHPBS	XPOCS
XHDMCS	XHPBSL	XPOS
XHDPB	XHPPM	XPOSL
XHDPBS	XHPPMS	XSSL-4P
XHKSC	XHSC	XSSL-5P
XHKSL	XHSL	XSSS-4P
XHKSR	XHSR	XSSS-5P
XHKSS	XHSS	XBO
XHKSSC	XHSSC	

*IP40 Rated Only





1" - 11 -1/2 NPSM Operators
 XCBH2-1 XCBH2-3
 XCBH2-2 XCBH2-4

3/8" - 16 UNC Indicators
 XMOL

3/4"-14 NPSM Indicators
 XLX XLXS

Windows
 XGC 10, XGC 20, XGC 30, XGC 40, XGC 52,
 XGW 0103, XGW 0303, XGW 0305, XGW 0307, XGW 0505, XGW 0509, XGW 0707, XGW 0713,
 XGW 0909, XGW 1111, XGW 1313,

Plugs
 XLP 3/8" NPSM, XPB1/XPB2 3/8" N4, 5318H (series), 5318-SH (series), XPP3 3/4" NPSM, XPPH3 N4
 3/2" NPSM, XPP2 N4 1/2" NPSM, 3/4 - 16 UNF 2A, XMPP, XPPH4 N4 NPSM 1", XPPL 1-11 1/2" NPSM,
 7425 (series).

Breather Drain
 XDBH 2

16 Descriptive Documents

16.1 Report No: RETS(A)1693/A/1, A/2 ,A/3 and A/4

16.2 Drawings:

Number	Date	Issue	Pages	Description
2846	04/11/07	B	1 of 1	Glass - XJDGC
2848	12/16/91	G	1 of 1	Tufflex Glass - XJKGC
2892	12/16/91	F	1 of 1	Tufflex Glass - XJLGC
2928	12/16/91	E	1 of 1	Tufflex Glass for XGC-52 Cover (Glass Window Cover)
3117	9/9/80	J	1 of 1	Shaft for XCS Manual Control Coupling
3234-1	4/15/96	J	1 of 1	Aluminum Bearing for XCS-1
3234-2	04/11/02	L	1 of 1	Aluminum Bearing for XCS-2
3234-3	4/15/96	J	1 of 1	Aluminum Bearing for XCS-3
3234-4	4/15/96	J	1 of 1	Aluminum Bearing for XCS-4
3234-5	08/24/99	K	1 of 1	Aluminum Bearing for XCS-5
4210	5-22-80	D	1 of 1	Shaft for Pushbutton Operators
4212	5-17-95	P	1 to 2	Shaft for Selector Switch Operator
4214	3-16-95	G	1 of 1	Shaft for Dual Push Button Operator
4264	11/27/06	FF	1 of 1	Shaft Breaker Handle Assembly
4320	5/6/03	W	1 of 1	Short Operator Body Push Button, Selector Switch and Potentiometer (Surface MTG)
4321	5/7/03	W	1 of 1	Long Operator Body Push Button, Selector Switch and Potentiometer (Panel MTG)
4322	4/13/07	U	1 of 1	Contact Block Operator Body Dual Push-Button





Number	Date	Issue	Pages	Description
				Surface MTG Type
4323	4-28-06	U	1 of 1	Contact Block Operator Body Dual Push-Button Panel MTG Type
4354	11-18-99	G	1 of 1	Shaft for Dual Push-Button Maintain Contact Operator
4355	11-18-99	F	1 of 1	Release Latch Shaft for Dual Pushbutton Maintain Contact Operator
4376	7-7-80	D	1 of 1	Shaft for Mushroom Head Pushbutton Operator
4378	8-03-04	J	1 of 1	Shaft for XRB Reset Button Operator
4456	10/20/00	K	1 of 1	Bushing for Lighting Panel Circuit Breaker Operating Handle
4457	6-1-00	L	1 of 1	Shaft for Lighting Panel Circuit Breaker Operating Handle
4493	05/26/00	J	1 of 1	Potentiometer Shaft for Explosion-Proof Housing
4739	2/23/99	A	1 of 1	Plug for XPB1/XPB2 3/8 NPSM
4757	07/28/04	J	1 of 1	Body for Reset Button Operators
4775	29 Oct 97	C	1 of 1	XGC-10 Glass
5267	11/30/00	J	1 of 1	Bushing for Weather-Proof Circuit Breaker Handle Ass'y
5318-H	04/22/03	B	1 of 1	Aluminium Hex Socket Pipe Plugs
5318-SH	04/22/03	B	1 of 1	Steel Hex Socket Pipe Plugs
5669	5-7-01	B	1 of 1	Plate Glass Tempered XJNGC
5867	01/03/03	D	1 of 1	Push-Pull Shaft
5966	3-27-98	C	1 of 1	Shaft for Selector Switch 4&5 Pos.
6014	10-21-05	D	1 of 1	XPPH NEMA 4 Close-up Plugs
6084	12-21-88	A	1 of 1	1/2" NPSM-Close-up Plug
6085	8-18-87	-	1 of 1	3/4"-16 UNF-2A Close-up Plug
6094	10/12/04	G	1 of 1	Body-Miniature Exp. Proof Pushbutton Operator
6096	10/30/01	K	1 of 1	Shaft for Miniature Ex-Proof Pushbutton Operator
6101	8-29-96	C	1 of 1	Nipple for Explosionproof Miniature Pilot Light
6103	11/9/87	-	1 of 1	Glass for Explosionproof Miniature Pilot Light
6107	3-14-01	C	1 of 1	Miniature Exp. Proof Selector Switch Body
6111	12-21-04	G	1 of 1	Shaft for Miniature Exp.-Proof Selector Switch Operator
6127	10-2-91	A1	1 of 1	XMPP Exp. Proof Close-up Plug for unused Operator Openings
6196	9-3-98	C	1 of 1	Shaft for Miniature Ex-proof Pushbutton Operator
6200	2/20/01	D	1 of 1	Body, Intermediate Ex-Proof (sic) Reset button (XIRB)
6201	2-24-98	C	1 of 1	Shaft, Intermediate(sic) Ex-Proof Reset Button (XIRB)
6210	02/18/00	F	1 of 1	Shaft, Intermediate(sic) Ex-Proof Reset Button Short (XIRBS)
6211	2/20/01	E	1 of 1	Body, Intermediate Ex-proof Reset Button Short (XIRBS)
6213	3-14-89	-	1 of 1	Glass for 3" x 3" XCEW 080806 Ex-Proof Box



Number	Date	Issue	Pages	Description
6217	3-20-89	A	1 of 1	Glass for 3" x 5" Rectangular Window
6565	8-28-93	A	1 of 1	Tufflex Glass for XGC-20 Sealed Window
6661	06/18/03	E	1 of 1	Flamepath Plug for Breather / Drain CENELEC Assy
7059-1	11/22/02	B	1 of 1	Shaft Lighting Panel XPB Series Circuit Breaker Operating Handle
7069	9-3-98	B	1 of 1	XPPH N4 1-11 1/2 NPSM Close Up Plug
7193	6/6/07	D	1 of 1	XBOS Bushing for XBO Operator
7194	6/6/07	E	1 of 1	Bushing for XBO Operator
15562-7	4/1/99	A	1 of 1	Plug for XPB1/XPB2 3/8 NPSM N4
S-3634	5-4-83	-	1 of 1	1" Plug for Unused Openings
5133	04/13/07	S	1 of 2	O-ring Seals Buna N
5375	4-30-97	F	1 of 1	Close-up Plug for Unused Operator Openings
6205	08/13/01	B	1 of 1	Glass for 7" x 7" XCEW 1212 Cover
6226	4-10-89	-	1 of 1	Tempered Plate Glass for 5" x 9" Window
6230	05/25/01	D	1 of 1	Tempered Plate Glass for 11" x 11" Window
6476	2-5-93	B	1 of 1	Tempered Plate Glass for 3 X 7 Rec. Window
6523	5-30-92	-	1 of 1	Tempered Plate Glass for 5" x 5" Window
6255	05/25/01	B	1 of 1	Tempered Plate Glass for 9" x 9" Window
6277	05/25/01	C	1 of 1	Tempered Plate Glass for 13" x 13" Window
6483	3-4-92	-	1 of 1	Tempered Plate Glass for 7" x 13" Rec. Window
6559	02/08/05	G	1 of 1	XGC-10 Sealed Glass Window Cover
6566	02/07/06	E	1 of 1	XGC-20 Explosion Proof Cover for Sealed Glass Windows
6660	02/16/04	G	1 of 1	XDBH Body
7188	10/24/01	L	1 of 1	Shaft for Explosion Proof Rotary Switch Operator
7197	11/22/02	D	1 of 1	Shaft for XBOS Operating Handle (for short bushing assembly)
7204	07/31/06	D	1 of 1	Shaft for XBO Operating Handle (for long bushing assembly)
7906	5-11-07	A	1 of 1	XRB Bushing for Derrick
7907-1	5/16/07	A	1 of 1	Modified XRB Shaft Long for Derrick Corp.
7907-2	5/16/07	A	1 of 1	Modified XRB Shaft Short for Derrick Corp.
7908	5/16/07	A	1 of 1	Modified XRB Shaft (No Thread) for Derrick Corp.
7920	6/28/07	A	1 of 1	XRB Shaft, Long Blank
6556	02/28/05	L	1 of 1	XGC52 Sealed Explosion Proof Cover with IEC/ATEX Option
6567	03/18/05	E	1 of 1	XGC 30 Glass Window Cover with IEC/ATEX Options
6568	03/16/05	G	1 of 1	XGC 40 Glass Window Cover with IEC/ATEX Option
6569	03/11/05	J	1 of 1	XGC66 Sealed Explosion Proof Cover with IEC/ATEX Option
6594	03/04/05	F	1 of 1	XGC80 Sealed Glass Window Explosion Proof





Number	Date	Issue	Pages	Description
				Cover
DS764	06/27/07	A	1 to 6	XCEX/XCPX Series Enclosure Outline (ATEX)
5850	12/16/04	B	1 of 1	Grounding Screw
E-4	1-4-02	-	1 to 2	Engineering Specification for Aluminium Ingot 359 Modified
18813	08/23/00	B	1 of 1	CENELEC Earth Stud Assembly
S4301-2	11/8/89	-	1 of 1	Glass for 3 x 1 1/4 Rectangular Window for K-Flow Div. Kane Steel
2800	12-1-99	A	1 of 1	1/8" O.D. Solid Cord Silicone Gasket
6015	06/29/07	G	1 of 1	Seal for XJF/XCE (NEMA 4 Series)
DS 795	07/23/07	A	1 of 1	XCPX Series Component Spacing (ATEX)
DS796	08/08/07	A	1 of 1	Adaseal Joint Construction Details (ATEX)
DS797	08/13/07	A	1 of 1	XDBH2 Breather Drain Flamepath/Joint Construction (ATEX)
7922	07/20/07	A	1 of 1	Nameplate XCPX IP40 (ATEX)
7923	07/20/07	A	1 of 1	Nameplate XCPX IP40 T5 (Tamb + 40C) (ATEX)
7924	07/20/07	A	1 of 1	Nameplate XCPX Type 4 (ATEX)
7925	07/20/07	A	1 of 1	Nameplate XCPX Type 4 T5 (Tamb + 40C) (ATEX)
7926	07/20/07	A	1 of 1	Nameplate XCPX Type 4X (ATEX)
7927	07/20/07	A	1 of 1	Nameplate XCPX Type 4X T5 (Tamb +40C)
7934	20 Aug 07	A	1 of 1	Nameplate XCPX IP40 No UL/CUL (ATEX)
7935	20 Aug 07	A	1 of 1	Nameplate XCPX IP40 T5 (Tamb + 40C) No UL/CUL (ATEX)
7936	20 Aug 07	A	1 of 1	Nameplate XCPX IP66 No UL/CUL (ATEX)
7937	20 Aug 07	A	1 of 1	Nameplate XCPX IP66 T5 (Tamb +40C) No UL/CUL
15876	02/16/04	E	1 of 1	Breather – Drain Assembly

17

Conditions of Certification

- 17.1 Special Conditions for Safe Use
None.





- 17.2 Conditions for Use
 A routine test in accordance with EN 60079-1:2004 clause 16.1 as follows (after all drillings and tapping have been made in enclosure).

Routine Reference Pressure Test Requirements:	XCPX Enclosures Series
9.81 bar / 143 PSI	-061105, -061204, -061206, -071004, -071006, -061305, -071805, -080804, -080806, -080808
9.17 bar / 133 PSI	-041604, -060804, -060805, -060806
8.72 bar / 127 PSI	-081004, -081006, -081008, -081204, -081206, -081208, -091105, -101004, -101006, -101008, -101206, -101404, -101406, -101408, -101410, -121204, -121206, -121208, -121804, -121806, -121808, -122005, -122404, -122406, -122408, -122410, -123006
12.87 bar / 187 PSI	-123604, -123606, -123608, -124608, -203606, -203612, -204806, -204812, -242408, -242410, -243008, -243608, -243610, -243612
13.98 bar / 203 PSI	-162806, -163406, -183608, -183610
9.24 bar / 134 PSI	-141404, -141406, -141408, -142806, -161604, -161606, -161608, -162406, -162408, -162410, -164610, -181804, -181806, -181808, -182406, -182408, -182410, -183008, -142210, -142213, -163010

If used with conduit, an ATEX flameproof certified stopping boxes shall be used at the enclosure wall.

The cable or conduit shall have an operating temperature of at least 85°C for T6 (Tamb +40°C) and 100°C for T5 (Tamb +40°C & Tamb +55°C).

All unused holes will require a suitably certified blanking device to be fitted in order to maintain the integrity of the enclosure.

The following items shall not be fitted internally:

- Batteries or cells or any other item liable to be a source of release
- Fans, motors and other items liable to generate pressure differences.
- Any liquid including oil filled circuit breakers or contactors
- Radiating equipment (lasers, continuous wave sources & ultrasonic wave sources).

Internally the equipment cannot be mounted closer than 20 mm from the left and right inside wall, 30mm from the top and bottom inside wall, and 30mm from either the underside of the cover or backwall of the box/mounting panel.

Internally the equipment dissipating power must be equally distributed within the enclosure.

Enclosures with O-ring construction, -N4 suffix, are suitable for IP66 enclosure rating. Enclosures without O-ring are suitable for IP40.

18 **Essential Health and Safety Requirements**

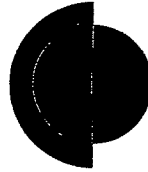
Essential Health and Safety Requirements not covered by section 9:
 Covered by manufacturer's instructions.

The manufacturer shall inform the notified body of any modifications to the design of the product described by this schedule



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Epsilon

Supplement to EC Type Examination Certificate

Certificate Number: 07 ATEX 2196 Dated: 24 August 2007
Variation Number: 01 (one)

Variation Detail:

To Permit:

The use of XGC 66 & XGC 80 frames and glass and two ¾" -14 NPSM operator bodies as part of the certification of the XCPX range of enclosures.

Descriptive Documents:

Number	Title	Rev	Date
DS764	XCEX/XCPX Series Cover Matrix (page 5 of 6)	B	12/17/07
7812	Short operator body push button, selector switch & potentiometer (surface MTG)	A	12/14/07
7813	Long operator body push button, selector switch & potentiometer (panel MTG)	A	12/14/07

Additional Conditions of Certification:

Conditions of original certification still apply.

Additional Special Conditions for Safe Use:

None



On behalf of Epsilon

S Clarke
Director

Date: 19 December 2007

Certificate 07 ATEX 2196 Variation Number: 01

This variation may only be reproduced in its entirety and without any change, schedule included.
The variation is only valid when it carries an original signature and holographic security label.
For help or assistance relating to this variation, contact cs@epsilonex.com.

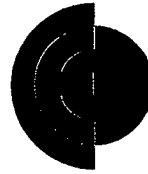
Epsilon Compliance Services Limited is a trading name of Epsilon Technical Services Limited



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Epsilon

Supplement to EC Type Examination Certificate

Certificate Number: 07 ATEX 2196 Dated: 24 August 2007
Variation Number: 02 (two)

Variation Detail:

To Permit:

The use of intrinsically safe components inside the flameproof enclosures.

These enclosures shall include the following markings:

II 2 (1) or (2) G and/or D Ex d [ia and/or ib] IIB +H2 T class see product description.

Ex tD A21 IP 66 T 85 or 100C

Drawing number DS832 details the conditions under which the intrinsically safe components will be used. All intrinsically safe components shall have a minimum ambient rating of +60°C.

Descriptive Documents:

Number	Title	Rev	Date
7998	XCPX NAMEPLATE WITH [IA] COMPONENTS N4X IP66 T5	A	14-Mar-08
8000	XCPX NAMEPLATE WITH [IA] COMPONENTS IP40 T6	A	14-Mar-08
8001	XCPX NAMEPLATE WITH [IA] COMPONENTS IP40 T5	A	14-Mar-08
8002	XCPX NAMEPLATE WITH [IA] COMPONENTS N4 IP66 T6	A	14-Mar-08
8003	XCPX NAMEPLATE WITH [IA] COMPONENTS N4 IP66 T5	A	14-Mar-08
8004	XCPX NAMEPLATE WITH [IA] COMPONENTS N4X IP66 T6	A	14-Mar-08
8005	XCPX NAMEPLATE WITH [IA] COMPONENTS IP40 T6 NO UL	A	14-Mar-08
8006	XCPX NAMEPLATE WITH [IA] COMPONENTS IP40 T5 NO UL	A	14-Mar-08
8007	XCPX NAMEPLATE WITH [IA] COMPONENTS IP66 T6 NO UL	A	14-Mar-08
8008	XCPX NAMEPLATE WITH [IA] COMPONENTS	A	14-Mar-08

On behalf of Epsilon

S Clarke
Certification Manager

Date: 23 April 2008



Certificate 07 ATEX 2196 Variation Number: 02

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8009	IP66 T5 NO UL XCPX NAMEPLATE WITH [IB] COMPONENTS N4X IP66 T5	A	1-Apr-08
8010	XCPX NAMEPLATE WITH [IB] COMPONENTS IP40 T6	A	1-Apr-08
8011	XCPX NAMEPLATE WITH [IB] COMPONENTS IP40 T5	A	1-Apr-08
8012	XCPX NAMEPLATE WITH [IB] COMPONENTS N4 IP66 T6	A	1-Apr-08
8013	XCPX NAMEPLATE WITH [IB] COMPONENTS N4 IP66 T5	A	1-Apr-08
8014	XCPX NAMEPLATE WITH [IB] COMPONENTS N4X IP66 T6	A	1-Apr-08
8015	XCPX NAMEPLATE WITH [IB] COMPONENTS IP40 T6 NO UL	A	1-Apr-08
8016	XCPX NAMEPLATE WITH [IB] COMPONENTS IP40 T5 NO UL	A	1-Apr-08
8017	XCPX NAMEPLATE WITH [IB] COMPONENTS IP66 T6 NO UL	A	1-Apr-08
8018	XCPX NAMEPLATE WITH [IB] COMPONENTS IP66 T5 NO UL	A	1-Apr-08
8019	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS N4X IP66 T5	A	1-Apr-08
8020	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP40 T6	A	1-Apr-08
8021	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP40 T5	A	1-Apr-08
8022	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS N4 IP66 T6	A	1-Apr-08
8023	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS N4 IP66 T5	A	1-Apr-08
8024	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS N4X IP66 T6	A	1-Apr-08
8025	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP40 T6 NO UL	A	1-Apr-08
8026	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP40 T5 NO UL	A	1-Apr-08
8027	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP66 T6 NO UL	A	1-Apr-08
8028	XCPX NAMEPLATE WITH [IA/IB] COMPONENTS IP66 T5 NO UL	A	1-Apr-08
DS832	XCPX SERIES COMPONENT SPACING DETAILS FOR INTRINSICALLY SAFE AND NON-INTRINSICALLY SAFE COMPONENTS	A	14-Mar-08

Additional Conditions of Certification:

Conditions of original certification still apply.

Additional Special Conditions for Safe Use:

None

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Epsilon

Supplement to EC Type Examination Certificate

Certificate Number: 07 ATEX 2196 Dated: 24 August 2007
Variation Number: 03 (Three)

Variation Detail:

To Permit:

The use of Steel plugs ~~S-22S~~ to ~~S-35S~~ as Ex blanking elements in the XCPX range of Aluminium enclosures.

Descriptive Documents:

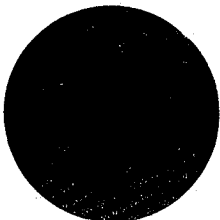
Number	Title	Rev	Date
5318-S	Steel Square Socket Pipe Plugs	D	25/10/2006

Additional Conditions of Certification:

Conditions of original certification still apply.

Additional Special Conditions for Safe Use:

None



On behalf of Epsilon

S D'Henin
Certification Officer

Date: 29 January 2009

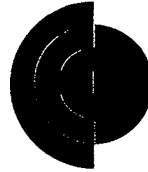
Certificate 07 ATEX 2196 Variation Number: 03



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For help or assistance relating to this variation, contact cs@epsilonex.com.

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Supplement to EC Type Examination Certificate

Certificate Number: 07 ATEX 2196

Dated: 24 August 2007

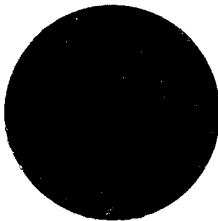
Variation Number: 04 (Four)

Variation Detail:

To Permit:

1. The use of two aluminium bar stock Dual Pushbutton operator bodies as part of the certification of the XCPX range of enclosures.
2. The use of additional sizes of XGW glass windows as part of the certification of the XCPX range of enclosures.
3. The use of the XCPX range of enclosures in an extended ambient of -20°C to +60°C with a new maximum power dissipation table as follows:

Size of enclosure (outside area)	Maximum dissipated power internally (Watts)	Ambient Temperature Range
0.25 – 0.5m ²	40W	T5 (Tamb +60°C)
0.501 – 1.0m ²	60W	T5 (Tamb +60°C)
1.01 – 1.5m ²	120W	T5 (Tamb +60°C)
1.501 – 2.0m ²	200W	T5 (Tamb +60°C)
2.01 – 2.5m ²	260W	T5 (Tamb +60°C)
2.501 – 4.0m ²	300W	T5 (Tamb +60°C)



On behalf of Epsilon

S D'Henin
Certification Officer

Date: 01 April 2009

Certificate 07 ATEX 2196 Variation Number: 04

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Descriptive Documents:

Number	Title	Rev	Date
8063	Dual Pushbutton Operator Body For Use W/Contact Block Surface Mounting Type, Page 1 of 1	A	20081126
8064	Dual Pushbutton Operator Body For Use With Contact Block Panel Mounting Type, Page 1 of 1	A	20081126
DS764	XCEX/XCPX Series Enclosure Outline, Page 1 to 6	C	01/12/09
DS538	XGW Rectangular Window Assembly, Page 1 of 1	C	02/12/09
DS795	XCPX Series Component Spacing, Page 1 of 1	B	02/09/09
7922	Nameplate XCPX IP40, Page 1 of 1	B	02/09/09
7924	Nameplate XCPX 4, Page 1 of 1	B	02/09/09
7924-S	Nameplate XCPX Type 4 For 4" Box Depth Mounting, Page 1 of 1	B	02/09/09
7926	Nameplate XCPX Type 4X, Page 1 of 1	B	02/09/09
7934	Nameplate XCPX IP40 No UL/CUL, Page 1 of 1	B	02/09/09
7936	Nameplate XCPX IP66 No UL/CUL, Page 1 of 1	B	02/09/09
DS793	Installation Instructions & Safety Data Sheet, Page 1 to 7	B	02/09/09

Additional Conditions of Certification:

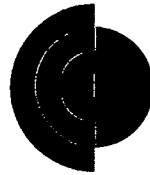
Conditions of original certification still apply.

Additional Special Conditions for Safe Use:

None

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Epsilon

Supplement to EC Type Examination Certificate

Certificate Number: 07 ATEX 2196 Dated: 24 August 2007
Variation Number: 05 (Five)

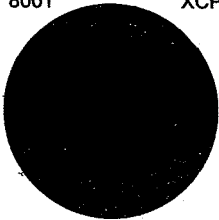
Variation Detail:

To Permit:

The marking labels to include the alternative address for the units that are assembled at the manufacturer's Houston manufacturing plant. The alternative address will be: 4300 Windfern Rd, Houston, TX 77041, USA.

Descriptive Documents:

Number	Title	Sheet	Rev	Date
7922	Nameplate XCPX IP40	1 of 1	C	07/20/09
7923	Nameplate XCPX IP40 T5 (Tamb +40C)	1 of 1	B	07/22/09
7924	Nameplate XCPX Type 4	1 of 1	C	07/22/09
7924-S	Nameplate XCPX Type 4 For 4" Box Depth Mounting	1 of 1	C	07/22/09
7925	Nameplate XCPX Type 4 T5 (Tamb +40C)	1 of 1	B	07/22/09
7926	Nameplate XCPX Type 4X	1 of 1	C	07/22/09
7927	Nameplate XCPX Type 4X T5 (Tamb +40C)	1 of 1	B	07/22/09
7934	Nameplate XCPX IP40 No UL/CUL	1 of 1	C	07/22/09
7935	Nameplate XCPX IP40 T5 (Tamb +40C) No UL/CUL	1 of 1	B	07/22/09
7936	Nameplate XCPX IP66 No UL/CUL	1 of 1	C	07/24/09
7937	Nameplate XCPX IP66 T5 (Tamb +40C) No UL/CUL	1 of 1	B	07/24/09
7998	XCPX Nameplate With [ia] Components N4X – IP66 – T5	1 of 1	B	07/24/09
8000	XCPX Nameplate With [ia] Components IP40 – T6	1 of 1	B	07/24/09
8001	XCPX Nameplate With [ia] Components IP40 – T5	1 of 1	B	07/24/09



On behalf of Epsilon

S D'Henin
Certification Manager

Date: 04.09.2009.

Certificate 07 ATEX 2196 Variation Number: 05

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8002	XCPX Nameplate With [ia] Components N4 – IP66 – T6	1 of 1	B	07/24/09
8003	XCPX Nameplate With [ia] Components N4 – IP66 – T5	1 of 1	B	07/24/09
8004	XCPX Nameplate With [ia] Components N4X – IP66 – T6	1 of 1	B	07/24/09
8005	XCPX Nameplate With [ia] Components IP40 – T6 – No UL	1 of 1	B	07/24/09
8006	XCPX Nameplate With [ia] Components IP40 – T5 – No UL	1 of 1	B	07/24/09
8007	XCPX Nameplate With [ia] Components IP66 – T4 – No UL	1 of 1	B	07/24/09
8008	XCPX Nameplate With [ia] Components IP66 – T5 – No UL	1 of 1	B	07/24/09
8009	XCPX Nameplate With [ib] Components N4X – IP66 – T5	1 of 1	B	07/24/09
8010	XCPX Nameplate With [ib] Components IP40 – T6	1 of 1	B	07/24/09
8011	XCPX Nameplate With [ib] Components IP40 – T5	1 of 1	B	07/24/09
8012	XCPX Nameplate With [ib] Components N4 – IP66 – T6	1 of 1	B	07/24/09
8013	XCPX Nameplate With [ib] Components N4 – IP66 – T5	1 of 1	B	07/24/09
8014	XCPX Nameplate With [ib] Components N4X – IP66 – T6	1 of 1	B	07/24/09
8015	XCPX Nameplate With [ib] Components IP40 – T6 – No UL	1 of 1	B	07/24/09
8016	XCPX Nameplate With [ib] Components IP40 – T5 – No UL	1 of 1	B	07/24/09
8017	XCPX Nameplate With [ib] Components IP66 – T6 – No UL	1 of 1	B	07/24/09
8018	XCPX Nameplate With [ib] Components IP66 – T5 – No UL	1 of 1	B	07/24/09
8019	XCPX Nameplate With [ia/ib] Components N4X – IP66 – T5	1 of 1	B	07/24/09
8020	XCPX Nameplate With [ia/ib] Components IP40 – T6	1 of 1	B	07/24/09
8021	XCPX Nameplate With [ia/ib] Components IP40 – T5	1 of 1	B	07/24/09
8022	XCPX Nameplate With [ia/ib] Components N4 – IP66 – T6	1 of 1	B	07/24/09
8023	XCPX Nameplate With [ia/ib] Components N4 – IP66 – T5	1 of 1	B	07/24/09
8024	XCPX Nameplate With [ia/ib] Components N4X – IP66 – T6	1 of 1	B	07/24/09
8025	XCPX Nameplate With [ia/ib] Components IP40 – T6 – No UL	1 of 1	B	07/24/09
8026	XCPX Nameplate With [ia/ib] Components IP40 – T5 – No UL	1 of 1	B	07/24/09
8027	XCPX Nameplate With [ia/ib] Components IP66 – T6 – No UL	1 of 1	B	07/24/09
8028	XCPX Nameplate With [ia/ib] Components IP66 – T5 – No UL	1 of 1	B	07/24/09

Additional Conditions of Certification:

Conditions of original certification still apply.

Additional Special Conditions for Safe Use:

Special conditions of safe use of original certification still apply.