

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D<sup>Ⓐ</sup>  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Applications:

- Manufactured to meet the most demanding industrial and hazardous area environmental applications
- A globally certified enclosure and termination solution for Type 3S, 4 (painted mild steel and stainless steel), and 4X (stainless steel) applications
- Certified to the impact, thermal and IP66 ingress requirements of Ex standards

## Features:

- Available in a comprehensive range of sizes, each with various configurations for a multitude of applications
- Offers unique design features, precision manufacturing and the highest quality materials, making it the premier choice for instrumentation and electrical applications across the globe
- Over 100 standard sizes in both stainless steel and painted steel
- Single door enclosures up to 63" x 48" x 16" (1600 x 1200 x 400mm)
- Flush mount enclosures
- Eagle enclosures with a sloped water shedding design

## Certifications and compliances:

- Class I, Division 2, Groups A, B, C, D<sup>Ⓐ</sup>; Class I, Zone 1
- cULus to UL50/C22.2 No. 94-M91
- UL Listed E115376 (Ordinary Location)
- Type 3S, 4 – painted mild steel; Type 4X/IP66 – stainless steel
- ATEX and IECEx component certificates (BAS 15ATEX0099U and IECEx BAS15.0071U)
- 2G Ex e IIC Gb or 2D Ex tb IIIC Db
- TR-CU and EAC certified

## Standard materials and finishes:

- Enclosure – 316L (1.4404 to EN10088) stainless steel (standard); 304 (1.4301 to EN10088) stainless steel (optional)
- Enclosure finish – superior corrosion-resistant chromium enriched electro-polished surface<sup>Ⓑ</sup>
- Gasket – foam-in-place silicone on lid (standard); cut silicone (optional)
- Keyed lock fastening mechanism – stainless steel
- Door hinges – stainless steel
- Enclosure mounting – four external 3mm stainless steel welded lugs, 11mm Ø holes/slots
- Equipment mounting – four (up to 10 depending on size) stand-off pillars 9mm Ø, 15mm high, tapped M6 x 10, for rail/mounting plate
- Enclosure earth – M10 external and internal stainless steel earth stud assembly
- Mounting plate – 2mm sheet steel with zintec finish (available in stainless steel)
- Gland plates – rounded corners to eliminate sharp points; 3mm thickness (standard); 6mm thickness (optional)

## Technical specifications:

- Empty enclosure:
  - Standard service temperature: -40°C to +80°C
  - Extended service temperature: -60°C to +135°C (with suffix 'E')
- Impact resistance: 7 J (Nm)

<sup>Ⓐ</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>Ⓑ</sup>Available on stainless steel enclosures only.

<sup>Ⓒ</sup>Temperature range depends on ratings of built-in components.



## Ex-Cell-T / XL-T terminal boxes:

Ex-Cell enclosures are available assembled as custom configured and certified terminal boxes. Options include custom entries, cable glands and plugs with built-in terminals (Ex-e and Ex-i) and other equipment. Contact factory for ordering details.

### Standards:

- IEC/EN/UL/CAN 60079-0
- IEC/EN/UL/CAN 60079-7
- IEC/EN 60079-31
- IEC/EN 60529

### Certificates:

- BVS16 ATEX-E-115X
- IECEx BVS 16.0080X
- UL Listed E108296 (Hazardous Location)
- RU\_C-DE.AA87.B.00885

### Ambient temperatures<sup>Ⓒ</sup>:

- -40°C to +40°C (with temperature class T6 and maximum surface temperature of T80°C)
- -60/-40°C to +55°C (with temperature class T5 and maximum surface temperature of T95°C) – requires suffix 'E' (extended temperature version)
- -60/-40°C to +65/70/80/100/120°C (with temperature class T4 and maximum surface temperature of T130°C) – requires suffix 'E' (extended temperature version)

### Materials:

- 316L electro-polished stainless steel (standard); 304 stainless steel (optional)

### Electrical ratings:

- Rated voltage up to 690V AC/DC; rated current up to 400A; terminal cross-sections up to 240mm<sup>2</sup>

### Markings:

- ATEX and IECEx: Ex e IIC T6/5/4 Gb or Ex eb IIC T6/5/4; Ex tb IIIC T80/95/130°C Db or Ex tb IIIC T80/95/130°C
- NEC 500 and NEC 505: Class I, Division 2, Groups A, B, C, D and Class I, Zone 1, Aex e IIC T6/5/4
- EAC CU TR: 1Ex e IIC T6/T5 Gb X or Ex tb IIIC T80/95/130°C Db X

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Mounting options

- Enclosure is mounted using four heavy duty, 3mm thick, surface welded stainless steel lugs
- Bottom lugs are slotted for ease of mounting, providing a secure, reliable means of mounting the enclosure
- Available in vertical (North American) or horizontal (metric) positions

## Improved sealing

- Available with up to 4 gland plates (3mm thick) on each side
- Five possible combinations of 0, 1, 2, 3 or 4 gland plates available
- Gland plates secured via riveted nutserts for improved sealing

## One-piece gasket

- High integrity one-piece silicone sealing gasket provides an IP66 rating and excellent recovery and re-sealing properties for continuous environmental protection



## Quarter turn lock

- Standard cover features a 1/4 turn keyed lock fastening mechanism that provides a rapid means of achieving an IP66 rated seal for reliable environmental protection
- Bolted cover and padlockable cover also available

## Earth/ground stud assembly

- External and internal stainless steel earth/ground stud assembly enables rapid and reliable protective earth/ground connection
- Mounted on the side of the enclosure for ease of access

## Integral drainage channel

- Integral drainage channel prevents liquids or other solid contaminants from running in or falling into the enclosure when the door is opened
- Minimizes gasket path contamination



ⓘ When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D<sup>Ⓔ</sup>  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Ordering information:

Catalog numbers on following page are for stainless steel enclosures with one gland plate.

Ex-Cell enclosures are available in a variety of materials and configurations. To customize, utilize the part number example below:

**Part number example**  
**XLVS10906051B**

<b>XLV</b>	<b>S1</b>	<b>090605</b>	<b>1</b>	<b>B</b>	<b>E</b>	<b>D</b>	<b>H</b>	<b>X</b>
<b>Enclosure type</b>	<b>Size</b>			<b>Temperature range</b>			<b>Optional padlock hasp</b>	
<b>XLV</b> Standard enclosure; North American version with vertical lugs	<i>See available sizes on following pages</i>			<b>BLANK</b> Standard temperature range			<b>BLANK</b> None	
<b>XLH</b> Standard enclosure; European version with horizontal lugs	<b>Number of gland plates</b>			<b>E</b> Extended temperature range			<b>H</b> Padlock hasp	
<b>XLE</b> Eagle enclosure with sloping top	<b>0</b> No gland plates			<b>Optional document holder</b>			<b>Material thickness</b>	
<b>XLF</b> Flush mount enclosure	<b>1</b> One gland plate (bottom only) (standard 3mm thick)			<b>BLANK</b> None			<b>BLANK</b> Standard material thickness	
	<b>2</b> Two gland plates (top and bottom) (standard 3mm thick)			<b>D</b> Stainless steel document holder <sup>Ⓘ</sup>			<b>X</b> All 1.5mm gauge	
	<b>3</b> Three gland plates (bottom and sides) (standard 3mm thick)			<b>Cover fixing options</b>			<b>Y</b> All 2.0mm gauge	
	<b>4</b> Four gland plates (top, bottom and sides) (standard 3mm thick)			<b>BLANK</b> Standard left hinged and quarter turn lock <sup>Ⓕ</sup>			<b>Z</b> All 3.0mm gauge	
	<b>5</b> One gland plate (bottom only) (6mm thick)			<b>B</b> Hinged and bolted <sup>Ⓖ</sup>				
	<b>6</b> Two gland plates (top and bottom) (6mm thick)			<b>BB</b> Fully bolted <sup>Ⓖ</sup>				
	<b>7</b> Three gland plates (bottom and sides) (6mm thick)			<b>CH</b> Continuous hinge				
	<b>8</b> Four gland plates (top, bottom and sides) (6mm thick)			<b>CC</b> Captive clamps and hinged and bolted <sup>Ⓖ Ⓕ</sup>				
				<i>See Accessories section to order the following: locking cover hardware, ground stud kits, stand-off pillars, drawing pockets, etc.</i>				
<b>Material</b>								
<b>S1</b> Electro-polished 316L stainless steel (standard)								
<b>S2</b> Electro-polished 304 stainless steel								
<b>PS</b> Painted mild steel (UL50 only, not ATEX or IECEx rated)								
<b>P3</b> Painted 316L stainless steel								
<b>P4</b> Painted 304 stainless steel								

2E

<sup>Ⓔ</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>Ⓕ</sup>XLV type has slot shaped quarter turn lock; XLH type has double bit quarter turn lock.

<sup>Ⓖ</sup>Maximum enclosure width is XLH\*\*\*\*50 or XLV\*\*\*\*20 for this option.

<sup>Ⓕ</sup>'CC' option only available on one and two gland plates enclosures.

<sup>Ⓘ</sup>Not available on enclosures where the width is equal to 203mm (8") and smaller.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

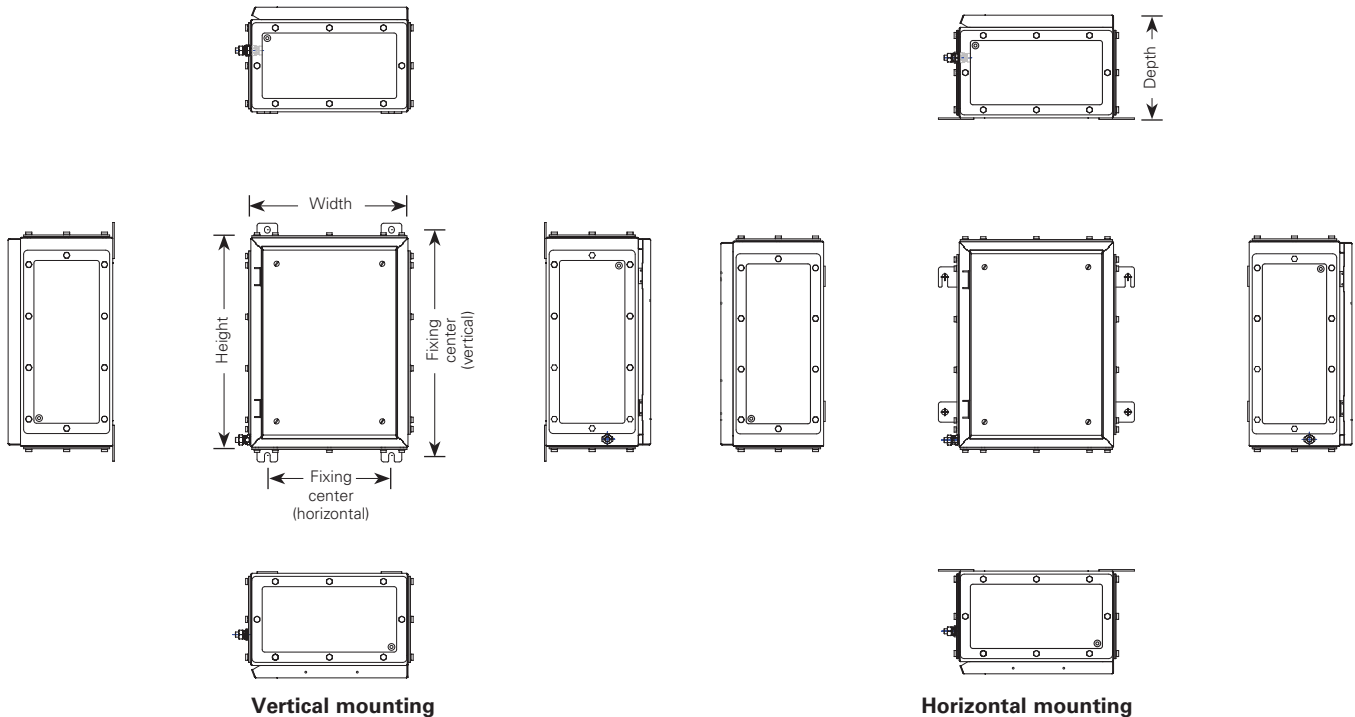
Cl. I, Div. 2, Groups A, B, C, D  
 Cl. I, Zone 1  
 Type 3S, 4, 4X  
 IP66

IECEX/ATEX  
 TR-CU/EAC

2E

## Mounting information:

(See Ordering information section for dimensions)



2E

ⓘ When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D<sup>Ⓚ</sup>  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Ordering information (continued):

### XLV enclosures with vertical mounting feet

Enclosure size (H x W x D) (in.)	Cat. #	Fixing center vertical (in.)	Fixing center horizontal (in.)	Cat. # Mounting plate <sup>Ⓛ</sup> (zinc coated steel)
9 x 6 x 5	XLVS10906051	10.24	3.50	XLH2TMP2315
10 x 8 x 4	XLVS11008041	11.41	5.50	XLH2TMP2620
10 x 8 x 6	XLVS11008061	11.41	5.50	XLH2TMP2620
10 x 10 x 6	XLVS11010061	11.41	7.67	XLH2TMP2626
12 x 10 x 5	XLVS11210051	13.23	7.67	XLH2TMP3026
12 x 8 x 6	XLVS11208061	13.23	5.50	XLH2TMP3020
12 x 10 x 6	XLVS11210061	13.23	7.67	XLH2TMP3026
12 x 12 x 6	XLVS11212061	13.23	9.49	XLH2TMP3030
12 x 12 x 8	XLVS11212081	13.23	9.49	XLH2TMP3030
12 x 12 x 10	XLVS11212101	13.23	9.49	XLH2TMP3030
16 x 12 x 6	XLVS11612061	17.25	9.49	XLH2TMP4030
16 x 12 x 8	XLVS11612081	17.25	9.49	XLH2TMP4030
16 x 12 x 10	XLVS11612101	17.25	9.49	XLH2TMP4030
16 x 14 x 8	XLVS11614081	17.25	11.46	XLH2TMP4035
16 x 16 x 6	XLVS11616061	17.25	10.00	XLH2TMP4040
16 x 16 x 8	XLVS11616081	17.25	10.00	XLH2TMP4040
16 x 16 x 10	XLVS11616101	17.25	10.00	XLH2TMP4040
16 x 16 x 12	XLVS11616121	17.25	10.00	XLH2TMP4040
16 x 20 x 6	XLVS11620061	17.25	14.00	XLH2TMP4050
16 x 20 x 8	XLVS11620081	17.25	14.00	XLH2TMP4050
16 x 20 x 10	XLVS11620101	17.25	14.00	XLH2TMP4050
16 x 20 x 12	XLVS11620121	17.25	14.00	XLH2TMP4050
20 x 16 x 6	XLVS12016061	21.26	10.00	XLH2TMP5040
20 x 16 x 8	XLVS12016081	21.26	10.00	XLH2TMP5040
20 x 16 x 10	XLVS12016101	21.26	10.00	XLH2TMP5040
20 x 16 x 12	XLVS12016121	21.26	10.00	XLH2TMP5040
20 x 20 x 6	XLVS12020061	21.26	14.00	XLH2TMP5050
20 x 20 x 8	XLVS12020081	21.26	14.00	XLH2TMP5050
20 x 20 x 10	XLVS12020101	21.26	14.00	XLH2TMP5050
20 x 20 x 12	XLVS12020121	21.26	14.00	XLH2TMP5050
20 x 24 x 8	XLVS12024081	21.26	18.00	XLH2TMP5060
20 x 24 x 10	XLVS12024101	21.26	18.00	XLH2TMP5060
20 x 24 x 12	XLVS12024121	21.26	18.00	XLH2TMP5060
24 x 16 x 6	XLVS12416061	25.24	10.00	XLH2TMP6040
24 x 16 x 8	XLVS12416081	25.24	10.00	XLH2TMP6040
24 x 16 x 10	XLVS12416101	25.24	10.00	XLH2TMP6040
24 x 16 x 12	XLVS12416121	25.24	10.00	XLH2TMP6040
24 x 20 x 6	XLVS12420061	25.24	14.00	XLH2TMP6050
24 x 20 x 8	XLVS12420081	25.24	14.00	XLH2TMP6050
24 x 20 x 10	XLVS12420101	25.24	14.00	XLH2TMP6050
24 x 20 x 12	XLVS12420121	25.24	14.00	XLH2TMP6050
24 x 24 x 6	XLVS12424061	25.24	18.00	XLH2TMP6060
24 x 24 x 8	XLVS12424081	25.24	18.00	XLH2TMP6060
24 x 24 x 10	XLVS12424101	25.24	18.00	XLH2TMP6060
24 x 24 x 12	XLVS12424121	25.24	18.00	XLH2TMP6060
24 x 24 x 16	XLVS12424161	25.24	18.00	XLH2TMP6060
24 x 30 x 8	XLVS12430081	25.24	24.00	XLH2TMP6076
24 x 30 x 10	XLVS12430101	25.24	24.00	XLH2TMP6076
24 x 30 x 12	XLVS12430121	25.24	24.00	XLH2TMP6076
24 x 30 x 16	XLVS12430161	25.24	24.00	XLH2TMP6076
30 x 20 x 8	XLVS13020081	31.26	14.00	XLH2TMP7650
30 x 20 x 10	XLVS13020101	31.26	14.00	XLH2TMP7650
30 x 20 x 12	XLVS13020121	31.26	14.00	XLH2TMP7650
30 x 24 x 8	XLVS13024081	31.26	18.00	XLH2TMP7660
30 x 24 x 10	XLVS13024101	31.26	18.00	XLH2TMP7660
30 x 24 x 12	XLVS13024121	31.26	18.00	XLH2TMP7660
30 x 24 x 16	XLVS13024161	31.26	18.00	XLH2TMP7660
30 x 30 x 8	XLVS13030081	31.26	24.00	XLH2TMP7676
30 x 30 x 10	XLVS13030101	31.26	24.00	XLH2TMP7676
30 x 30 x 12	XLVS13030121	31.26	24.00	XLH2TMP7676
30 x 30 x 16	XLVS13030161	31.26	24.00	XLH2TMP7676

<sup>Ⓚ</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>Ⓛ</sup>Fits enclosures with both vertical or horizontal mounting feet. For stainless steel or painted steel mounting plates, contact factory.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D<sup>M</sup>  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Ordering information (continued):

### XLV enclosures with vertical mounting feet (continued)

Enclosure size (H x W x D) (in.)	Cat. #	Fixing center vertical (in.)	Fixing center horizontal (in.)	Cat. # Mounting plate <sup>N</sup> (zinc coated steel)
32 x 24 x 8	XLVS13224081	33.11	18.00	XLH2TMP8060
32 x 24 x 10	XLVS13224101	33.11	18.00	XLH2TMP8060
32 x 24 x 12	XLVS13224121	33.11	18.00	XLH2TMP8060
32 x 24 x 16	XLVS13224161	33.11	18.00	XLH2TMP8060
32 x 32 x 8	XLVS13232081	33.11	27.56	XLH2TMP8080
32 x 32 x 10	XLVS13232101	33.11	27.56	XLH2TMP8080
32 x 32 x 12	XLVS13232121	33.11	27.55	XLH2TMP8080
32 x 32 x 16	XLVS13232161	33.11	27.56	XLH2TMP8080
36 x 24 x 8	XLVS13624081	37.25	18.00	XLH2TMP9060
36 x 24 x 10	XLVS13624101	37.25	18.00	XLH2TMP9060
36 x 24 x 12	XLVS13624121	37.25	18.00	XLH2TMP9060
36 x 24 x 16	XLVS13624161	37.25	18.00	XLH2TMP9060
36 x 30 x 8	XLVS13630081	37.25	24.00	XLH2TMP9076
36 x 30 x 10	XLVS13630101	37.25	24.00	XLH2TMP9076
36 x 30 x 12	XLVS13630121	37.25	24.00	XLH2TMP9076
36 x 30 x 16	XLVS13630161	37.25	24.00	XLH2TMP9076
36 x 36 x 8	XLVS13636081	37.25	30.00	XLH2TMP9090
36 x 36 x 10	XLVS13636101	37.25	30.00	XLH2TMP9090
36 x 36 x 12	XLVS13636121	37.25	30.00	XLH2TMP9090
36 x 36 x 16	XLVS13636161	37.25	30.00	XLH2TMP9090
40 x 24 x 8	XLVS14024081	40.95	18.00	XLH2TMP10060
40 x 24 x 10	XLVS14024101	40.95	18.00	XLH2TMP10060
40 x 24 x 12	XLVS14024121	40.95	18.00	XLH2TMP10060
40 x 24 x 16	XLVS14024161	40.95	18.00	XLH2TMP10060
40 x 32 x 8	XLVS14032081	40.95	27.56	XLH2TMP10080
40 x 32 x 10	XLVS14032101	40.95	27.56	XLH2TMP10080
40 x 32 x 12	XLVS14032121	40.95	27.56	XLH2TMP10080
40 x 32 x 16	XLVS14032161	40.95	27.56	XLH2TMP10080
40 x 40 x 8	XLVS14040081	40.95	35.43	XLH2TMP100100
40 x 40 x 10	XLVS14040101	40.95	35.43	XLH2TMP100100
40 x 40 x 12	XLVS14040121	40.95	35.43	XLH2TMP100100
40 x 40 x 16	XLVS14040161	40.95	35.43	XLH2TMP100100
48 x 24 x 10	XLVS14824101	48.81	18.00	XLH2TMP12060
48 x 24 x 12	XLVS14824121	48.81	18.00	XLH2TMP12060
48 x 24 x 16	XLVS14824161	48.81	18.00	XLH2TMP12060
48 x 32 x 10	XLVS14832101	48.81	27.55	XLH2TMP12080
48 x 32 x 12	XLVS14832121	48.81	27.55	XLH2TMP12080
48 x 32 x 16	XLVS14832161	48.81	27.56	XLH2TMP12080
48 x 36 x 10	XLVS14836101	48.81	30.00	XLH2TMP12090
48 x 36 x 12	XLVS14836121	48.81	30.00	XLH2TMP12090
48 x 36 x 16	XLVS14836161	48.81	30.00	XLH2TMP12090
48 x 40 x 12	XLVS14840121	48.81	35.43	XLH2TMP120100
48 x 40 x 16	XLVS14840161	48.81	35.43	XLH2TMP120100
48 x 48 x 12	XLVS14848121	48.81	43.30	XLH2TMP120120
48 x 48 x 16	XLVS14848161	48.81	43.30	XLH2TMP120120
60 x 36 x 12	XLVS16036121	61.57	30.00	XLH2TMP15290
60 x 36 x 16	XLVS16036161	61.57	30.00	XLH2TMP15290
63 x 48 x 16	XLVS16348161	63.82	43.30	XLH2TMP160120

<sup>M</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>N</sup>Fits enclosures with both vertical or horizontal mounting feet. For stainless steel or painted steel mounting plates, contact factory.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Ordering information (continued):

### XLH enclosures with horizontal mounting feet

Enclosure size (H x W x D) (mm)	Cat. #	Fixing center vertical (mm)	Fixing center horizontal (mm)	Cat. # Mounting plate <sup>Ⓟ</sup> (zinc coated steel)
229 x 152 x 127	XLHS12315131	152	208	XLHZTMP2315
260 x 203 x 100	XLHS12620101	170	259	XLHZTMP2620
260 x 203 x 152	XLHS12620151	170	259	XLHZTMP2620
260 x 260 x 152	XLHS12626151	170	316	XLHZTMP2626
305 x 260 x 127	XLHS13026131	203	316	XLHZTMP3026
305 x 203 x 152	XLHS13020151	203	259	XLHZTMP3020
305 x 260 x 152	XLHS13026151	203	316	XLHZTMP3026
305 x 305 x 152	XLHS13030151	203	361	XLHZTMP3030
305 x 305 x 203	XLHS13030201	203	361	XLHZTMP3030
305 x 305 x 250	XLHS13030251	203	361	XLHZTMP3030
406 x 305 x 152	XLHS14030151	267	361	XLHZTMP4030
406 x 305 x 203	XLHS14030201	267	361	XLHZTMP4030
406 x 305 x 250	XLHS14030251	267	361	XLHZTMP4030
406 x 355 x 203	XLHS14035201	267	386	XLHZTMP4035
406 x 406 x 152	XLHS14040151	267	462	XLHZTMP4040
406 x 406 x 203	XLHS14040201	267	462	XLHZTMP4040
406 x 406 x 250	XLHS14040251	267	462	XLHZTMP4040
406 x 406 x 300	XLHS14040301	267	462	XLHZTMP4040
406 x 508 x 152	XLHS14050151	267	564	XLHZTMP4050
406 x 508 x 203	XLHS14050201	267	564	XLHZTMP4050
406 x 508 x 250	XLHS14050251	267	564	XLHZTMP4050
406 x 508 x 300	XLHS14050301	267	564	XLHZTMP4050
508 x 406 x 152	XLHS15040151	354	462	XLHZTMP5040
508 x 406 x 203	XLHS15040201	354	462	XLHZTMP5040
508 x 406 x 250	XLHS15040251	354	462	XLHZTMP5040
508 x 406 x 300	XLHS15040351	354	462	XLHZTMP5040
508 x 508 x 152	XLHS15050151	354	564	XLHZTMP5050
508 x 508 x 203	XLHS15050201	354	564	XLHZTMP5050
508 x 508 x 250	XLHS15050251	354	564	XLHZTMP5050
508 x 508 x 300	XLHS15050301	354	564	XLHZTMP5050
508 x 610 x 203	XLHS15060201	354	666	XLHZTMP5060
508 x 610 x 250	XLHS15060251	354	666	XLHZTMP5060
508 x 610 x 300	XLHS15060301	354	666	XLHZTMP5060
610 x 406 x 152	XLHS16040151	445	462	XLHZTMP6040
610 x 406 x 203	XLHS16040201	445	462	XLHZTMP6040
610 x 406 x 250	XLHS16040251	445	462	XLHZTMP6040
610 x 406 x 300	XLHS16040301	445	462	XLHZTMP6040
610 x 508 x 152	XLHS16050151	445	564	XLHZTMP6050
610 x 508 x 203	XLHS16050201	445	564	XLHZTMP6050
610 x 508 x 250	XLHS16050251	445	564	XLHZTMP6050
610 x 508 x 300	XLHS16050301	445	564	XLHZTMP6050
610 x 610 x 152	XLHS16060151	445	666	XLHZTMP6060
610 x 610 x 203	XLHS16060201	445	666	XLHZTMP6060
610 x 610 x 250	XLHS16060251	445	666	XLHZTMP6060
610 x 610 x 300	XLHS16060301	445	666	XLHZTMP6060
610 x 610 x 400	XLHS16060401	445	666	XLHZTMP6060
610 x 762 x 203	XLHS16076201	456	818	XLHZTMP6076
610 x 762 x 250	XLHS16076251	456	818	XLHZTMP6076
610 x 762 x 300	XLHS16076301	456	818	XLHZTMP6076
610 x 762 x 400	XLHS16176401	456	818	XLHZTMP6076
762 x 508 x 203	XLHS17650201	608	563	XLHZTMP7650
762 x 508 x 250	XLHS17650251	608	563	XLHZTMP7650
762 x 508 x 300	XLHS17650301	608	563	XLHZTMP7650
762 x 610 x 203	XLHS17660201	608	665	XLHZTMP7660
762 x 610 x 250	XLHS17660251	608	665	XLHZTMP7660
762 x 610 x 300	XLHS17660301	608	665	XLHZTMP7660
762 x 610 x 400	XLHS17660401	608	665	XLHZTMP7660
762 x 762 x 203	XLHS17676201	608	818	XLHZTMP7676
762 x 762 x 250	XLHS17676251	608	818	XLHZTMP7676
762 x 762 x 300	XLHS17676301	608	818	XLHZTMP7676
762 x 762 x 400	XLHS17676401	608	818	XLHZTMP7676

Ⓞ When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

Ⓟ Fits enclosures with both vertical or horizontal mounting feet. For stainless steel or painted steel mounting plates, contact factory.

# Ex-Cell stainless steel and painted steel enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Ordering information (continued):

### XLH enclosures with horizontal mounting feet (continued)

Enclosure size (H x W x D) (mm)	Cat. #	Fixing center vertical (mm)	Fixing center horizontal (mm)	Cat. # Mounting plate <sup>ⓐ</sup> (zinc coated steel)
800 x 610 x 203	XLHS18060201	500	655	XLHZTMP8060
800 x 610 x 250	XLHS18060251	500	655	XLHZTMP8060
800 x 610 x 300	XLHS18060301	500	655	XLHZTMP8060
800 x 610 x 400	XLHS18060401	500	665	XLHZTMP8060
800 x 800 x 203	XLHS18080201	500	856	XLHZTMP8080
800 x 800 x 250	XLHS18080251	500	856	XLHZTMP8080
800 x 800 x 300	XLHS18080301	500	856	XLHZTMP8080
800 x 800 x 400	XLHS18080401	500	856	XLHZTMP8080
914 x 610 x 203	XLHS19060201	650	665	XLHZTMP9060
914 x 610 x 250	XLHS19060251	650	665	XLHZTMP9060
914 x 610 x 300	XLHS19060301	650	665	XLHZTMP9060
914 x 610 x 400	XLHS19060401	650	666	XLHZTMP9060
914 x 762 x 203	XLHS19076201	650	818	XLHZTMP9076
914 x 762 x 250	XLHS19076251	650	818	XLHZTMP9076
914 x 762 x 300	XLHS19076301	650	818	XLHZTMP9076
914 x 762 x 400	XLHS19076401	650	818	XLHZTMP9076
914 x 914 x 203	XLHS19090201	650	970	XLHZTMP9090
914 x 914 x 250	XLHS19090251	650	970	XLHZTMP9090
914 x 914 x 300	XLHS19090301	650	970	XLHZTMP9090
914 x 914 x 400	XLHS19090401	650	970	XLHZTMP9090
1000 x 610 x 203	XLHS110060201	700	665	XLHZTMP10060
1000 x 610 x 250	XLHS110060251	700	665	XLHZTMP10060
1000 x 610 x 300	XLHS110060301	700	665	XLHZTMP10060
1000 x 610 x 400	XLHS110060401	700	665	XLHZTMP10060
1000 x 800 x 203	XLHS11008020	700	856	XLHZTMP10080
1000 x 800 x 250	XLHS110080251	700	856	XLHZTMP10080
1000 x 800 x 300	XLHS110080301	700	856	XLHZTMP10080
1000 x 800 x 400	XLHS110080401	700	856	XLHZTMP10080
1000 x 1000 x 203	XLHS110010020	700	1056	XLHZTMP100100
1000 x 1000 x 250	XLHS1100100251	700	1056	XLHZTMP100100
1000 x 1000 x 300	XLHS1100100301	700	1056	XLHZTMP100100
1000 x 1000 x 400	XLHS1100100401	700	1056	XLHZTMP100100
1200 x 610 x 250	XLHS112060251	800	665	XLHZTMP12060
1200 x 610 x 300	XLHS112060301	800	665	XLHZTMP12060
1200 x 610 x 400	XLHS112060401	900	665	XLHZTMP12060
1200 x 800 x 250	XLHS112080251	800	856	XLHZTMP12080
1200 x 800 x 300	XLHS112080301	800	856	XLHZTMP12080
1200 x 800 x 400	XLHS112080401	900	856	XLHZTMP12080
1200 x 914 x 250	XLHS112090251	800	970	XLHZTMP12090
1200 x 914 x 300	XLHS112090301	800	970	XLHZTMP12090
1200 x 914 x 400	XLHS112090401	900	970	XLHZTMP12090
1200 x 1000 x 300	XLHS1120100301	800	1056	XLHZTMP120100
1200 x 1000 x 400	XLHS1120100401	900	1056	XLHZTMP120100
1200 x 1200 x 300	XLHS1120120301	800	1256	XLHZTMP120120
1200 x 1200 x 400	XLHS1120120401	900	1256	XLHZTMP120120
1524 x 914 x 300	XLHS115290301	1100	970	XLHZTMP15290
1524 x 914 x 400	XLHS115290401	1100	970	XLHZTMP15290
1600 x 1200 x 400	XLHS1160120401	1100	1256	XLHZTMP160120

<sup>ⓐ</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>ⓑ</sup>Fits enclosures with both vertical or horizontal mounting feet. For stainless steel or painted steel mounting plates, contact factory.

# Ex-Cell stainless steel enclosures

Cl. I, Div. 2, Groups A, B, C, D<sup>Ⓢ</sup>  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEx/ATEX  
TR-CU/EAC

2E

High performance, high reliability enclosures  
for global applications

## Options:

(Available with Ex-Cell standard and large enclosures only)

**Padlockable hasp (to order, add suffix 'H' to end of catalog number):**

- Provides a secondary means of security and safety
- Manufactured from the same material grade as the enclosure

**Drawing pockets:**

- Stainless steel holders for engineering drawings can be installed at the factory (to order, add suffix 'D' to end of catalog number)
- Plastic document holders may be ordered separately:
  - Catalog number: **SHS953324** (A4/letter size orange plastic, self-adhesive)<sup>Ⓣ</sup>
  - Catalog number: **SHS953325** (A5 clear plastic)<sup>Ⓣ</sup>
  - Catalog number: **SHS953326** (A6 transparent plastic bonded)<sup>Ⓣ</sup>
- Custom stainless steel options available (contact factory)

**Extended temperature range silicone gasket:**

- Provides a service temperature of -60°C to +135°C
- To order, add suffix 'E' to end of catalog number

**Sun shield and rain/deluge canopy (contact factory):**

- Can be retrofitted to the enclosure as required using existing fixing positions

**ID tag – label and bracket (contact factory):**

- Provides an effective solution for labeling enclosure assemblies with ID tag labels

**Continuous hinge (to order, add suffix 'CH' to end of catalog number):**

- Maintains door alignment by distributing open and close force along the entire length of the door
- Provides greater strength and support for larger door
- Removable pin allows cover to be easily removed from enclosure
- Not available with painted finish
- Not available with UL certification

**Mounting plates (sub-plates):**

- Zinc coated steel mounting plates are standard (see catalog numbers on previous pages)
- Stainless steel or painted steel mounting plates are available (contact factory)

**Captive cover clamps:**

- Available with stainless steel captive cover clamps (to order, add suffix 'CC' to end of catalog number)

**Tag label holder:**

- Available (contact factory)

**Accessories (ordered separately):**

## Locking cover hardware

Cat. #	Type (see images at right)
ENXL0011	Slot shape
ENXL0010	Double bit shape
QBXLKWKI	Wing knob insert with standard key <sup>Ⓜ</sup>
QBXLKPAD	L padlockable handle 10mm <sup>ⓧ</sup>

## Ground stud kit

Cat. #	Type
ENK10738P	M10 stainless steel

## Stand-off pillars

Cat. #	Type	Inches
ACCSOP15	SP15	0.60
ACCSOP20	SP20	0.80
ACCSOP30	SP30	1.20

## Breather/drains

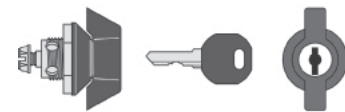
Cat. #	Type
BD3S1	M20 Ex e IP66 stainless steel (Raxton CV)
BD3NP	M20 Ex e IP66 nickel-plated brass (Raxton CV)



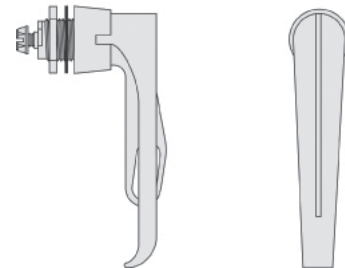
Slot shape (standard with XLV)



Double bit shape (standard with XLH)



Wing knob with standard key<sup>Ⓜ</sup>



L padlockable handle 10mm<sup>ⓧ</sup>



Stand-off pillars

<sup>Ⓢ</sup>When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

<sup>Ⓣ</sup>For sizes 406 x 406mm (16" x 16") and larger.

<sup>Ⓣ</sup>For sizes 406 x 305mm (16" x 12") and larger.

<sup>Ⓣ</sup>For sizes 305 x 305mm (12" x 12") and larger.

<sup>Ⓜ</sup>UL only, IP44.

<sup>ⓧ</sup>UL only, IP54.

# Ex-Cell sloped and flush mount enclosures

High performance, high reliability enclosures for global applications

Cl. I, Div. 2, Groups A, B, C, D  
Cl. I, Zone 1  
Type 3S, 4, 4X  
IP66

IECEX/ATEX  
TR-CU/EAC

2E

## Sloped eagle enclosures

### Applications:

- Ideal for highway, DOT, transportation, pharmaceutical and telecommunications applications

### Features:

- Water shedding design for vertical mounted applications protects critical electronics and instrumentation
- Electro-polished stainless steel offers higher corrosion resistance than brushed stainless steel
- Available with 0 or 1 gland plate

### Certifications and compliances:

- Class I, Division 2, Groups A, B, C, D; Class I, Zone 1
- cULus to UL50/C22.2 No. 94-M91
- UL Listed E115376 (Ordinary Location)
- Type 3S, 4 – painted mild steel; Type 4X/ IP66 – stainless steel
- ATEX and IECEX component certificates (BAS 15ATEX0099U and IECEX BAS15.0071U)
- 2G Ex e IIC Gb or 2D Ex tb IIIC Db
- TR-CU and EAC certified



### Ordering information:

Imperial sizing (in.)				Metric sizing (mm)			
Cat. #	Height	Width	Depth	Cat. #	Height	Width	Depth
XLE**121208*	12	12	8	XLE**303020*	305	305	203
XLE**161208*	16	12	8	XLE**403020*	406	305	203
XLE**161608*	16	16	8	XLE**404020*	406	406	203
XLE**201608*	20	16	8	XLE**504020*	508	406	203
XLE**202008*	20	20	8	XLE**505020*	508	508	203
XLE**242008*	24	20	8	XLE**605020*	610	508	203

## Flush mount enclosures

### Applications:

- Ideal for vertical mounting (wall) in a pharmaceutical or clean room application; or horizontal mounting (ceiling) in a plenum application

### Features:

- Electro-polished stainless steel offers higher corrosion resistance than brushed stainless steel

### Certifications and compliances:

- Class I, Division 2, Groups A, B, C, D; Class I, Zone 1
- cULus to UL50/C22.2 No. 94-M91
- UL Listed E115376 (Ordinary Location)
- Type 3S, 4 – painted mild steel; Type 4X/ IP66 – stainless steel
- ATEX and IECEX component certificates (BAS 15ATEX0099U and IECEX BAS15.0071U)
- 2G Ex e IIC Gb or 2D Ex tb IIIC Db
- TR-CU and EAC certified



### Ordering information:

Imperial sizing (in.)				Metric sizing (mm)			
Cat. #	Height	Width	Depth	Cat. #	Height	Width	Depth
XLF**0906050	9	6	5	XLF**2215130	229	152	127
XLF**1010060	10	10	6	XLF**2626150	260	260	152
XLF**1212060	12	12	6	XLF**3030150	305	305	152
XLF**1616060	16	16	6	XLF**4040150	406	406	152

Ⓐ When terminal blocks or approved Class I, Division 2 devices are installed within the enclosure in accordance with NEC/CEC requirements. These enclosures are NOT explosionproof and will NOT contain an explosion. Installation of arcing and sparking devices which are not Class I, Division 2 rated or higher is NOT PERMITTED.

\*\*Designate material. S1 = 316L stainless steel; S2 = 304 stainless steel; PS = painted steel (UL50 only, not ATEX or IECEX rated).

\*Designate 0 or 1 gland plate.



# SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

# [www.scatts.co.uk](http://www.scatts.co.uk)