

ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Applications

- Terminal junction box for electrical low voltage and instrumentation connections for use in hazardous areas
- Designed for use in Zone 1 or Zone 2 areas, where flammable gases or vapors are present either continuously or intermittently such as:
 - Petroleum
 - Chemical
 - Other industrial process facilities
- Ideal for wet or corrosive atmospheres.
- Designed for use in Zone 21 or Zone 22 areas, where flammable dusts are present either continuously or intermittently, such as:
 - Food processing
 - Dairy
 - Brewing
 - Pharmaceutical industry
 - Silos and other facilities

Features

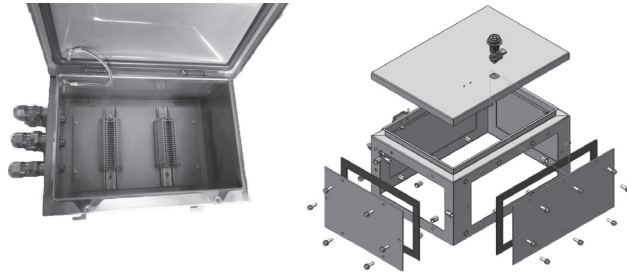
- High IP66 rating allows the enclosure to be installed in either indoor or outdoor environments where protection against dirt, water and moisture is required
- Weld joint is smooth and continuous.
- Enclosures are available in a wide range of sizes.
- The enclosure and cover are made of 304 or 316L stainless steel. Material thickness of 1.2 mm (0.05 in), 1.5 mm (0.06 in) and 2.0 mm (0.08 in) are available upon request to meet customers' requirements.
- Hinges standard on all sizes above 220 mm (8.66 in) (H) x 180 mm (7.08 in) (W).
- Optional cam lock is stainless steel for excellent corrosion resistance.
- For enclosure sizes 220 mm (8.66 in) (H) x 260 mm (10.24 in) (W) and above, side cable gland plates are available as an option.
- The cable gland plate is made of 3 mm (0.12 in) thick 304 or 316L stainless steel and supplied with self-adhesive silicon gasket.
- The sealing strip is made of PUR materials without breakpoints, having superior IP rating (IP66), superb recovery and sealing performance. Silicon foaming gasket is optional.
- The stainless steel double-headed earth studs provide integrated internal and external access for reliable protection. Earth studs are located at the side of box for easy and quick connection.
- 2 to 4 anti-vibration mounting brackets can be mounted on the top, bottom or side positions.
- Increased safety certified terminals or copper busbar can be installed horizontally or vertically.
- Optional mounting plate available in zinc plated steel, 304 or 316L stainless steel.
- The maximum voltage is 11 kV, supplied with copper busbar.
- The maximum angle of opening door is 120°.

Standard Material

- Enclosure: 304 or 316L stainless steel, satin-finished after machining to ensure smooth surface
- Hardware: 304 or 316L stainless steel

Accessories

- Mounting plate
- Rail mounting
- Padlocking device
- Inside pocket



- Refer to technical data to define permitted number of terminals and cable entries

Options

- Enclosure finish: electropolished
- Removable gland plate thickness: 3 mm (0.12 in)
- Removable gland plate material: 304 or 316L stainless steel.
- Mounting plate material: zinc plated steel or 304/316L stainless steel.
- Cam lock (optional) material: stainless steel - supplied with 1 key.
- Cam lock key material: zinc plated steel.
- Machining foam gasket on the cover: PUR or silicon.

ATEX/IECEx Certifications and Compliances

- Gas (Zone 1 and Zone 2)
 - Conforming to directive 2014/34/EU: Ⓢ II 2G
 - Type of protection: Ex eb IIC T5/T6 Gb, Ex eb ia IIC T5/T6 Gb, Ex ia IIC T5/T6 Ga
 - Temperature class: T6 to T5
- Dust (Zone 21 and Zone 22)
- Conforming to directive 2014/34/EU: Ⓢ II 2D
 - Type of protection: Ex tb IIIC T80°C/T95°C Db IP66
 - Surface temperature: T80°C to T95°C
- Ambient temperature:
 - PUR or silicon gasket : -35 °C~+40 °C/+55 °C (-31 °F~+104 °F/+131 °F)
 - Silicon gasket : -55 °C~+40 °C/+55 °C/+70 °C (-67 °F~+104 °F/+131 °F/+158 °F)
- Certificat ATEX : **CE**2460 ExVeritas 17 ATEX 0278X, **CE**2460 ExVeritas 17 ATEX 0279U, **CE**2804 ExVeritas 17 ATEX 0278X, **CE**2804 ExVeritas 17 ATEX 0279U
- IECEx certificate: IECEx EXV 17.0014X, IECEx EXV 17.0015U
- Ingress protection: According to EN/IEC 60529: IP66
- Impact resistance (shock): IK10

ASSE Series Stainless Steel Enclosures

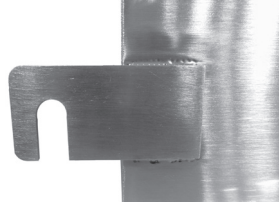
Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Illustrated Features



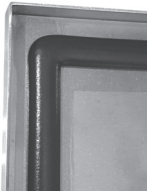
Optional cam lock and key



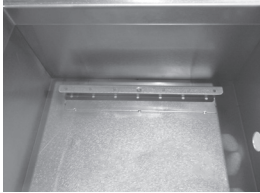
Mounting brackets welded on top, side or bottom positions



Earth/ground terminal from M6 to M10



Polyurethane poured-in-place door gasket



Support for DIN rail without mounting plate



Optional removable gland plate

Enclosures and Junction Boxes

Catalog Numbering Guide — ASSE Series Stainless Steel Enclosures

- The hinge and cam lock type is provided for the box with specification of 220 mm (8.66 in) (H) x 180 mm (7.08 in) (W) or above for options.
- The cable gland plate is provided for the box with specification of 220 mm (8.66 in) (H) x 260 mm (10.24 in) (W) or above for options.
- The Silicon foaming gasket can meet Ambient Temperature from -55 °C to +70 °C (-67 °F to +158 °F).

<p>ASSE</p> <p>Series: ASSE - Increased Safety Junction Box and Enclosure</p>	<p>26</p> <p>Width Dimensions mm (in):</p> <p>12 - 120 (4.72) 18 - 180 (7.09) 22 - 220 (8.66) 26 - 260 (10.24) 37 - 370 (14.57) 56 - 560 (22.05) 75 - 750 (29.53) 80 - 800 (31.50) 97 - 970 (38.49)</p>	<p>22</p> <p>Width Dimensions mm (in):</p> <p>12 - 120 (4.72) 18 - 180 (7.09) 22 - 220 (8.66) 26 - 260 (10.24) 37 - 370 (14.57) 56 - 560 (22.05) 75 - 750 (29.53) 80 - 800 (31.50) 97 - 970 (38.49)</p>	<p>15</p> <p>Depth Dimensions mm (in):</p> <p>95 - 95 (3.74) 15 - 150 (5.91) 20 - 200 (7.87) 25 - 250 (9.84) 30 - 300 (11.81) 35 - 350 (13.78) 40 - 400 (15.75) 50 - 500.0 (19.68)</p>	<p>4</p> <p>Material:</p> <p>4 - SS 304 6 - SS 316L</p>	<p>0</p> <p>Removable Gland Plate:</p> <p>0 - None 1 - One Bottom or One Top 2 - One Bottom and One Top or One Left and One Right 3 - One Left, One Right and One Bottom or One Top 4 - All Sides 5 - Others</p>	<p>B</p> <p>Cover Type:</p> <p>B - Bolt Only H - Hinge and Bolt L - Cam Lock and Hinge</p>
	<p>Height Dimensions mm (in):</p> <p>12 - 120 (4.72) 18 - 180 (7.09) 22 - 220 (8.66) 26 - 260 (10.24) 37 - 370 (14.57) 56 - 560 (22.05) 75 - 750 (29.53) 10 - 1000 (39.37) 12 - 1200 (47.24) 15 - 1500.0 (59.05)</p>					

ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Enclosure Information — Dimensions in Millimeters (Inches)

Dimensions (HxWxD)	Cover Type				Material Thickness			Catalog Number
	Bolt	Hinge	Cam Lock	Gland Plate	Cover	Enclosure	Gland Plate	
120x120x95/150 (4.72x4.72x3.74/5.96)	X	—	—	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE121295/15xxx
120x180x95/150 (4.72x7.01x3.74/5.96)	X	—	—	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE121895/15xxx
180x120x95/150 (7.01x4.72x3.74/5.96)	X	—	—	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE181295/15xxx
180x180x95/150 (7.01x7.01 3.74/5.96)	X	—	—	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE181895/15xxx
180x220x95/150 (7.01x8.66x3.74/5.96)	X	X	X	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE182295/15xxx
220x180x95/150 (8.66x7.01x3.74/5.96)	X	X	X	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE221895/15xxx
220x220x150/200/300 (8.66x8.66x5.96/7.87/11.81)	X	X	X	—	≥1.2 (0.05)	≥1.2 (0.05)	—	ASSE222215/20/30xxx
220x260x150/200/300 (8.66x10.24x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE222615/20/30xxx
220x370x150/200/300 (8.66x14.57x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE223715/20/30xxx
260x220x150/200/300 (10.24x8.66x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE262215/20/30xxx
260x260x150/200/300 (10.24x10.24x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE262615/20/30xxx
260x370x150/200/300 (10.24x14.57x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE263715/20/30xxx
260x560x150/200/300 (10.24x22.05x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE265615/20/30xxx
260x750x150/200/300 (10.24x29.53x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE267515/20/30xxx
330x370x150/230x300 (12.99x14.57x5.96/9.06/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE333715/23/30xxx
330x560x150/230x300 (12.99x22.05x5.96/9.06/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE335615/23/30xxx
330x790x150/230/300 (12.99x31.10x5.96/9.06/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE337915/23/30xxx
370x220x150/200/300 (14.57x8.66x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE372215/20/30xxx
370x260x150/200/300 (14.57x10.24x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE372615/20/30xxx
370x330x150/230/300 (14.57x12.99x5.96/9.06/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE373315/23/30xxx
370x370x150/200/300 (14.57x14.57x5.96/7.87/11.81)	X	X	X	X	≥1.2 (0.05)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE373715/20/30xxx
370x560x150/200/300 (14.57x22.05x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE375615/20/30xxx
370x750x150/200/300 (14.57x29.53x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE377515/20/30xxx
560x260x150/200/300 (12.99x10.24x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE562615/20/30xxx
560x330x150/230/300 (12.99x12.99x5.96/9.06/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE563315/23/30xxx
560x370x150/200/300 (12.99x14.57x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE563715/20/30xxx
560x560x150/200/300 (12.99x22.05x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE565615/20/30xxx
560x750x150/200/300 (12.99x29.53x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE567515/20/30xxx
750x260x150/200/300 (29.53x10.24x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE752615/20/30xxx
750x370x150/200/300 (29.53x14.57x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE753715/20/30xxx
750x560x150/200/300 (29.53x22.05x5.96/7.87/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE755615/20/30xxx
790x330x150/230/300 (31.10x12.99x5.96/9.06/11.81)	X	X	X	X	≥1.5 (0.06)	≥1.2 (0.05)	≥3.0 (0.12)	ASSE793315/23/30xxx
1000x800x250/300/350 (39.37x31.50x9.84/11.81/13.78)	X	X	X	X	≥2.0 (0.08)	≥1.5 (0.06)	≥3.0 (0.12)	ASSE108025/30/35xxx
1200x970x300/350/400 (47.24x38.19x11.81/13.78/15.75)	X	X	X	X	≥2.0 (0.08)	≥1.5 (0.06)	≥3.0 (0.12)	ASSE129730/35/40xxx
1500x970x400/500 (59.05x38.19x15.75/19.68)	X	X	X	X	≥2.0 (0.08)	≥1.5 (0.06)	≥3.0 (0.12)	ASSE159740/50xxx

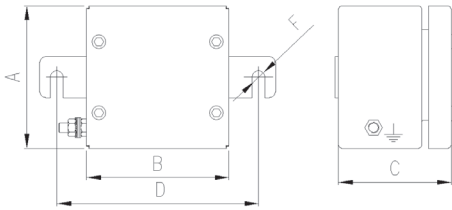
Enclosures and Junction Boxes

ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Dimensions in Millimeters (Inches)



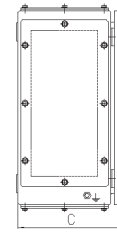
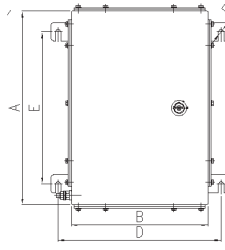
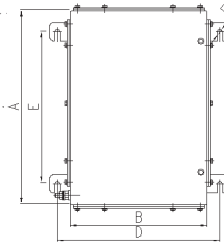
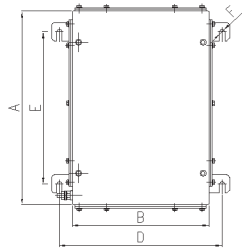
A	B	C	D	F	Bolt (qty)	Catalog Number
120 (4.72)	120 (4.72)	95 (3.74)	170 (6.69)	2 x Ø 11 (0.43)	4	ASSE121295/15xxx
180 (7.9)	120 (4.72)	95 (3.74)	170 (6.69)	2 x Ø 11 (0.43)	4	ASSE181295/15xxx
180 (7.9)	180 (7.9)	95 (3.74)	230 (9.1)	2 x Ø 11 (0.43)	4	ASSE181895/15xxx
180 (7.9)	220 (8.66)	95 (3.74)	270 (10.63)	2 x Ø 11 (0.43)	4	ASSE182295/15xxx
180 (7.9)	220 (8.66)	150 (5.91)	270 (10.63)	2 x Ø 11 (0.43)	4	ASSE182215/15xxx

Bolt Type

Hinge Type

Cam Lock Type

Side



A	B	C	D	E	F	Bolt	Hinge	Cam Lock	Catalog Number
220 (8.66)	180 (7.09)	95/150 (3.54/ 5.91)	230 (9.06)	140 (5.51)	4 x Ø 11 (0.43)	4	2	1	ASSE221895/15xxx
220 (8.66)	220 (8.66)	150/200/300 (5.91/7.87/11.81)	270 (10.63)	140 (5.51)	4 x Ø 11 (0.43)	4	2	1	ASSE222215/20/30xxx
220 (8.66)	260 (10.24)	150/200/300 (5.91/7.87/11.81)	310 (12.20)	140 (5.51)	4 x Ø 11 (0.43)	4	2	1	ASSE222615/20/30xxx
220 (8.66)	370 (14.57)	150/200/300 (5.91/7.87/11.81)	420 (16.54)	140 (5.51)	4 x Ø 11 (0.43)	4	2	1	ASSE223715/20/30xxx
260 (10.24)	220 (8.66)	150/200/300 (5.91/7.87/11.81)	270 (10.63)	180 (7.09)	4 x Ø 11 (0.43)	4	2	1	ASSE262215/20/30xxx
260 (10.24)	260 (10.24)	150/200/300 (5.91/7.87/11.81)	270 (10.63)	180 (7.09)	4 x Ø 11 (0.43)	4	2	1	ASSE262615/20/30xxx
260 (10.24)	370 (14.57)	150/200/300 (5.91/7.87/11.81)	420 (16.54)	180 (7.09)	4 x Ø 11 (0.43)	4	2	1	ASSE263715/20/30xxx
260 (10.24)	560 (22.05)	150/200/300 (5.91/7.87/11.81)	610 (24.02)	180 (7.09)	4 x Ø 11 (0.43)	4	2	1	ASSE265615/20/30xxx
260 (10.24)	750 (29.53)	150/200/300 (5.91/7.87/11.81)	800 (31.50)	180 (7.09)	4 x Ø 11 (0.43)	4	2	1	ASSE267515/20/30xxx
330 (12.99)	370 (14.57)	150/230/300 (5.91/9.06/11.81)	420 (16.54)	250 (9.84)	4 x Ø 11 (0.43)	4	2	1	ASSE333715/23/30xxx
330 (12.99)	560 (22.05)	150/230/300 (5.91/9.06/11.81)	610 (24.02)	250 (9.84)	4 x Ø 11 (0.43)	4	2	1	ASSE335615/23/30xxx
330 (12.99)	790 (31.10)	150/230/300 (5.91/9.06/11.81)	840 (33.07)	250 (9.84)	4 x Ø 11 (0.43)	4	2	1	ASSE337915/23/30xxx
370 (14.57)	220 (8.66)	150/200/300 (5.91/7.87/11.81)	270 (10.63)	290 (11.41)	4 x Ø 11 (0.43)	4	2	1	ASSE372215/20/30xxx
370 (14.57)	330 (12.99)	150/230/300 (5.91/9.06/11.81)	380 (14.96)	290 (11.41)	4 x Ø 11 (0.43)	6	3	2	ASSE372615/20/30xxx
370 (14.57)	370 (14.57)	150/200/300 (5.91/7.87/11.81)	420 (16.54)	290 (11.41)	4 x Ø 11 (0.43)	6	3	2	ASSE373715/20/30xxx
370 (14.57)	560 (22.05)	150/200/300 (5.91/7.87/11.81)	610 (24.02)	290 (11.41)	4 x Ø 11 (0.43)	6	3	2	ASSE375615/20/30xxx

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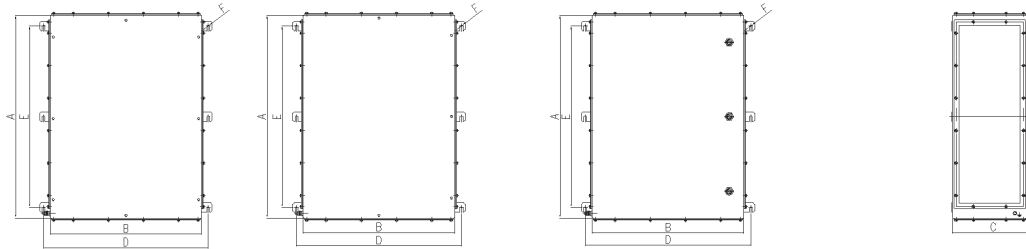
Dimensions in Millimeters (Inches)

Bolt Type

Hinge Type

Cam Lock Type

Side



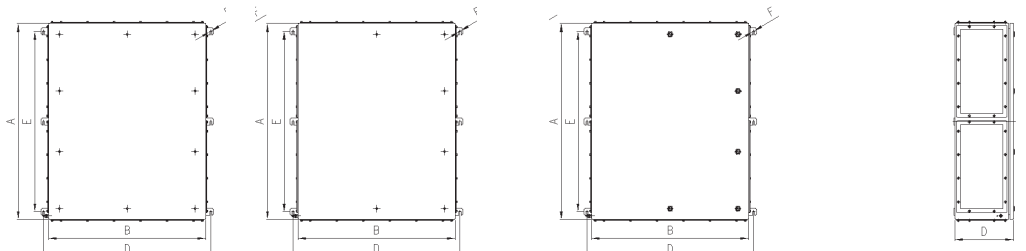
A	B	C	D	E	F	Bolt	Hinge	Cam Lock	
370	750	150/200/300 (5.96/7.87/11.81)	800 (31.50)	290 (11.42)	4 x Ø 11 (0.43)	6	2	1	ASSE377515/20/30xxx
560	260	150/200/300 (5.96/7.87/11.81)	310 (12.20)	480 (18.90)	4 x Ø 11 (0.43)	6	3	2	ASSE562615/20/30xxx
560	330	150/230/300 (5.96/9.06/11.81)	380 (14.96)	480 (18.90)	4 x Ø 11 (0.43)	6	3	2	ASSE563315/23/30xxx
560	370	150/200/300 (5.96/7.87/11.81)	420 (16.54)	480 (18.90)	4 x Ø 11 (0.43)	6	3	2	ASSE563715/20/30xxx
560	560	150/200/300 (5.96/7.87/11.81)	610 (242)	480 (18.90)	4 x Ø 11 (0.43)	6	3	2	ASSE565615/20/30xxx
560	750	150/200/300 (5.96/7.87/11.81)	800 (31.50)	480 (18.90)	4 x Ø 11 (0.43)	8	3	2	ASSE567515/20/30xxx
750	260	150/200/300 (5.96/7.87/11.81)	310 (12.20)	670 (26.38)	6 x Ø 11 (0.43)	8	3	3	ASSE752615/20/30xxx
750	370	150/200/300 (5.96/7.87/11.81)	420 (16.54)	670 (26.38)	6 x Ø 11 (0.43)	8	3	3	ASSE753715/20/30xxx
750	560	150/200/200 (5.96/7.87/7.87)	610 (242)	670 (26.38)	6 x Ø 11 (0.43)	8	3	3	ASSE755615/20/30xxx
790	330	150/230/300 (5.96/9.06/11.81)	380 (14.96)	710 (27.95)	6 x Ø 11 (0.43)	8	3	3	ASSE793315/23/30xxx

Bolt Type

Hinge Type

Cam Lock Type

Side



A	B	C	D	E	F	Bolt	Hinge	Cam Lock	
1000 (39.37)	800 (31.50)	250/300/350 (9.84/11.81/13.78)	850 (33.46)	920 (36.22)	6 x Ø 11 (0.43)	14	5	6	ASSE108025/30/35xxx
1200 (47.24)	800 (31.50)	300/350/400 (11.81/13.78/15.75)	1020 (40.16)	1120 (44.9)	6 x Ø 11 (0.43)	16	5	8	ASSE129730/35/40xxx
1500 (59.05)	970 (38.19)	400/500 (15.75/19.68)	1020 (40.16)	1420 (55.91)	6 x Ø 11 (0.43)	18	5	9	ASSE159740/50xxx

Enclosures and Junction Boxes

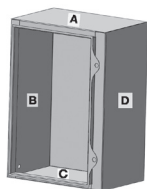
ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Cable Entry Arrangement

Note: The information is only for reference. For Power Junction Box application please contact your local sales representative.



M20		M25		M32		M40		M50		M63		Catalog Number
A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	
2	1	1	1	—	—	—	—	—	—	—	—	ASSE121295x0B
2	3	1	3	1	2	1	2	—	—	—	—	ASSE181295x0B
3	3	3	3	3	2	2	2	—	—	—	—	ASSE181895x0B
3	8	3	5	3	3	2	3	—	—	—	—	ASSE221895x0x
15	15	11	11	6	6	5	5	2	2	2	2	ASSE222220x0x
18	15	14	11	8	6	6	5	2	2	2	2	ASSE222615x0x
9	8	6	5	3	3	3	2	—	—	—	—	ASSE222615x4x
39	23	27	16	18	9	12	8	8	4	6	3	ASSE223720x0x
23	14	15	9	9	6	8	4	3	2	3	1	ASSE223720x4x
15	18	11	14	6	8	5	6	2	2	2	2	ASSE262215x0x
8	8	5	5	3	3	2	2	—	—	—	—	ASSE262215x4x
39	30	27	20	18	11	12	9	8	6	6	4	ASSE263720x0x
23	18	15	11	9	6	8	5	3	2	3	23	ASSE263720x4x
23	39	16	27	9	18	8	12	4	8	3	6	ASSE372220x0x
14	23	9	15	6	9	4	8	2	3	1	3	ASSE372220x4x
30	39	20	27	11	18	9	12	6	8	4	6	ASSE372620x0x
18	23	11	15	6	9	5	8	2	3	2	3	ASSE372620x4x
39	39	27	27	18	18	12	12	8	8	6	6	ASSE373720x0x
25	23	18	15	11	9	7	8	4	3	3	3	ASSE373720x4x
70	39	42	27	28	18	20	12	12	8	9	6	ASSE375620x0x
46	23	32	15	17	9	11	8	6	3	5	3	ASSE375620x4x
94	65	75	48	46	30	33	20	18	11	14	9	ASSE375630x0x
75	40	57	28	33	18	24	13	15	6	11	5	ASSE375630x4x
81	39	53	27	40	18	27	12	15	8	11	8	ASSE377520x0x
60	23	41	15	24	9	19	8	9	3	7	3	ASSE377520x4x
120	65	95	48	64	30	42	20	25	11	18	9	ASSE377530x0x
102	40	70	28	44	18	32	13	20	6	14	5	ASSE377530x4x
39	56	27	42	18	28	12	20	8	12	6	9	ASSE563720x0x
25	38	18	29	11	15	7	12	4	6	3	5	ASSE563720x4x
65	94	48	75	30	46	20	33	11	18	9	14	ASSE563730x0x
50	60	32	52	20	28	16	20	9	12	5	8	ASSE563730x4x

Enclosures and Junction Boxes

ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Cable Entry Arrangement — Continued

Note: The information is only for reference. For Power Junction Box application please contact your local sales representative.

M20		M25		M32		M40		M50		M63		Catalog Number
A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	A/C	B/D	
65	56	42	42	28	28	20	20	12	12	9	9	ASSE565620x0x
46	38	32	29	17	15	11	12	6	6	5	5	ASSE565620x4x
94	94	75	75	46	46	33	33	18	18	14	14	ASSE565630x0x
75	70	57	52	33	28	24	20	15	12	11	8	ASSE565630x4x
81	56	53	42	40	28	27	20	15	12	11	9	ASSE567520x0x
60	38	41	29	24	15	19	12	9	6	7	5	ASSE567520x4x
120	94	95	75	64	46	42	33	25	18	18	14	ASSE567530x0x
102	70	70	52	44	28	32	20	20	12	14	8	ASSE567530x4x
39	81	27	53	18	40	12	27	8	15	6	11	ASSE753720x0x
25	53	18	36	11	21	7	18	4	8	3	7	ASSE753720x4x
65	120	48	95	30	64	20	42	11	25	9	18	ASSE753730x0x
50	95	32	72	20	46	16	28	9	18	5	12	ASSE753730x4x
65	81	42	53	28	40	20	27	12	15	9	11	ASSE755620x0x
46	53	32	36	17	21	11	17	6	8	5	7	ASSE755620x4x

Terminal Block Arrangement

Note: The information is only for reference. For Power Junction Box application please contact your local sales representative.

Enclosure Size	Max Wattage/Current (T6 at 40 °C)		Terminal Capacity (mm ²)									
	Wattage (W)	%	2.5	4	6	10	16	35	50	70	95	
120x120x95 (4.72x4.72x3.74)	8.64	57.6	10	8	6	5	—	—	—	—	—	
120x180x95 (4.72x7.09x3.74)	11.65	56.78	21	17	13	10	—	—	—	—	—	
180x180x95 (7.09x7.09x3.74)	15.49	55.75	21	17	13	10	—	—	—	—	—	
260x220x150 (10.24x8.66x5.91)	30.13	51.97	52	40	32	26	22	16	—	—	—	
370x220x150 (14.57x8.66x5.91)	39.68	49.63	57	47	36	29	24	18	—	—	—	
370x220x200 (14.57x8.66x7.87)	46.63	47.98	57	47	36	29	24	18	—	—	—	
370x260x200 (14.57x10.24x7.87)	52.00	46.74	110	92	72	56	46	34	—	—	—	
370x370x200 (14.57x14.57x7.87)	66.84	43.47	165	138	108	84	69	51	—	—	—	
560x370x200 (225.00x14.57x7.87)	92.64	38.31	270	225	174	138	114	87	50	44	34	
560x370x300 (225.00x14.57x11.81)	114.96	34.37	270	225	174	138	114	87	50	44	34	
560x560x200 (225.00x225.00x7.87)	127.37	32.39	360	300	232	184	152	112	75	66	51	
560x560x300 (225.00x225.00x11.81)	154.57	28.55	360	300	232	184	152	112	75	66	51	
750x370x200 (29.53x14.57x7.87)	118.65	33.76	381	318	246	195	162	120	88	78	50	
750x370x300 (29.53x14.57x11.81)	145.78	29.72	381	318	246	195	162	120	88	78	50	
750x560x200 (29.53x225.00x7.87)	162.48	27.57	508	424	328	260	216	160	140	124	72	

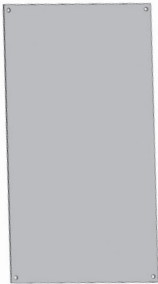



Enclosures and Junction Boxes

ASSE Series Stainless Steel Enclosures

Increased Safety

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Mounting Accessories

Mounting Plate (Zinc Plated Steel)	Dimensions in Millimeters (Inches)			Catalog Number
	Enclosure Dimensions	Mounting Dimensions	Standard Thickness	
	120x120 (4.72x4.72)	100x60 (3.94x2.36)	1.5 (0.06)	SH0200001-1
	120x180 (4.72x7.09)	160x60 (6.30x2.36)	1.5 (0.06)	SH0200001-2
	180x180 (7.09x7.09)	160x130 (6.30x5.12)	1.5 (0.06)	SH0200001-3
	260x220 (10.24x8.66)	200x160 (7.87x6.30)	1.5 (0.06)	SH0200001-4
	370x220 (14.57x8.66)	310x160 (12.20x6.30)	1.5 (0.06)	SH0200001-5
	370x260 (14.57x10.24)	310x200 (12.20x7.87)	1.5 (0.06)	SH0200001-6
	370x370 (14.57x14.57)	310x310 (12.20x12.20)	1.5 (0.06)	SH0200001-7
	560x370 (22.05x14.57)	500x310 (19.69x12.20)	2.0 (0.08)	SH0200001-8
	560x560 (22.05x22.05)	500x500 (19.69x19.69)	2.0 (0.08)	SH0200001-9
	750x370 (29.53x14.57)	690x500 (27.17x19.69)	2.0 (0.08)	SH0200001-10
	750x560 (29.53x22.05)	690x500 (27.17x19.69)	2.0 (0.08)	SH0200001-11
	1000x800 (39.37x31.49)	752x950 (29.60x37.40)	2.0 (0.08)	SH0200001-12
	1200x970 (47.24x38.19)	922x1150 (36.29x45.28)	2.0 (0.08)	SH0200001-13
	1500x970 (59.05x38.19)	922x1450 (36.29x57.08)	2.0 (0.08)	SH0200001-14
	Cover screw Material: stainless steel			SH01700017
	Self-adhesive inside pocket for drawings External dimensions: 265.0 x 235.0 (10.43 x 9.25) Internal dimensions: 230.0 x 220.0 x 30.0 (9.06 x 8.66 x 1.18)			SH02200011
	External dimensions: 235.0 x 175.0 (9.25 x 6.89) Internal dimensions: 230.0 x 145.0 x 20.0 (9.06 x 5.71 x 0.79)			SH02200013
	Stainless steel cam lock with key			SH01700097

Enclosures and Junction Boxes