

Empty Enclosure (PTSG-Exe-Series)



Empty Enclosure for Zone

- I, 2, 21 & 22.

Panel Height up to 2 Meter

Door Options:

- Single Door / Double Door
- With Hinge / Without Hinge
- With Screw / With Cam Lock
- Single / Double / Three point Cam Locks

Material

- SS304 / SS304L / SS316 / SS316L

With / Without Wall mounting Brackets

UL approved PU foam Gasket

Up to IP68* (Depending on the construction)

Temperature range

- 5°C to +50° C

Approval	ATEX					
Zone	0	1	2	20	21	22
Certified for		√	√		√	√

Product Highlights

Marking

Explosion Protection (Gas)	II 2 G eb IIC Gb
Explosion Protection (Dust)	II 2 D Extb IIIC Db
Note	Product label may vary based on the components used and have certification according to ATEX.

Technical Data




Electrical data: Depend on the explosion protected components and or the terminal type used



Mechanical Data



Enclosure Material	Standard: SS304, SS316 Special on request: SS316L, SS304L,
Mounting Plate	Standard: Galvanised Steel Special on request: SS304, SS316, SS304L, SS316L,
Gasket material	UL approved PU foam Gasket Material which can be dispensed as per the customer's profile / requirement. On Special request: Straight strips of gaskets can be supplied with 3M tapes.
Degree of protection	IP protection from IP42 to IP68 (Depending on the construction)
Ambient Temperature	-5° C to +50° C (Depending on the components used).



Dimension & Selection Table:


H → Height W → Width D → Depth
S1 → Thickness of the body material S2 → Thickness of the Door material

Construction	Material	Model	Accessories	H	W	D	S1	S2	NOTE
	SS304	43 A 15 15 01 10	80 01 43	150	150	100	1.2	1.5	Type A Mounting bracket with GI Material 
		43 A 15 02 01 10	80 01 43	150	200	100	1.2	1.5	
		43 A 15 03 01 10	80 01 43	150	300	100	1.2	1.5	
		43 A 02 02 01 10	80 01 43	200	200	100	1.2	1.5	
		43 A 02 03 01 10	80 01 43	200	300	100	1.2	1.5	
		43 A 03 03 01 10	80 01 43	300	300	100	1.2	1.5	
		43 A 02 02 15 10	80 01 43	200	200	150	1.2	1.5	
		43 A 02 03 15 10	80 01 43	200	300	150	1.2	1.5	
		43 A 02 04 15 10	80 01 43	200	400	150	1.2	1.5	
	43 A 03 35 01 10	80 01 43 50	300	350	100	1.2	1.5	Type A Mounting bracket with SS Material	
	43 A 03 04 01 10	80 01 43 50	300	400	100	1.2	1.5		
	43 A 03 04 01 10	80 01 43 50	300	300	150	1.2	1.5		
	SS316	44 A 15 15 01 10	80 01 43	150	150	100	1.2	1.5	Type A Mounting bracket with GI Material 
		44 A 15 02 01 10	80 01 43	150	200	100	1.2	1.5	
		44 A 15 03 01 10	80 01 43	150	300	100	1.2	1.5	
		44 A 02 02 01 10	80 01 43	200	200	100	1.2	1.5	
		44 A 02 03 01 10	80 01 43	200	300	100	1.2	1.5	
		44 A 03 03 01 10	80 01 43	300	300	100	1.2	1.5	
		44 A 02 02 15 10	80 01 43	200	200	150	1.2	1.5	
44 A 02 03 15 10		80 01 43	200	300	150	1.2	1.5		
44 A 02 04 15 10		80 01 43	200	400	150	1.2	1.5		
44 A 03 35 01 10		80 01 43 50	300	350	100	1.2	1.5	Type A Mounting bracket with SS Material	
44 A 03 04 01 10	80 01 43 50	300	400	100	1.2	1.5			
44 A 03 03 15 10	80 01 43 50	300	300	150	1.2	1.5			

Construction	Material	Model	Accessories	H	W	D	S1	S2	Note	
With Hinge and Screws 	SS304	43 A 03 03 01 20	80 01 43 50	300	300	100	1.2	1.5	Type A Mounting bracket with SS Material 	
		43 A 03 35 01 20	80 01 43 50	300	350	100	1.2	1.5		
	SS316	44 A 03 03 01 20	80 01 43 50	300	300	100	1.2	1.5		
		44 A 03 35 01 20	80 01 43 50	300	350	100	1.2	1.5		

Construction	Material	Model	Accessories	H	W	D	S1	S2	Note	
With Hinge and Lock 	SS304	43 A 03 04 01 30	80 01 43.50	300	400	100	1.2	1.5	Type A Mounting bracket with SS Material 	
		43 A 03 03 15 30	80 01 43.50	300	300	150	1.2	1.5		
	SS316	44 A 03 04 01 30	80 01 43.50	300	400	100	1.2	1.5		
		44 A 03 35 01 20	80 01 43.50	300	300	150	1.2	1.5		

Construction	Material	Model	Accessories	H	W	D	S1	S2	Note
<p>Single point lock with one side hinge / Three point lock</p>  	SS304	43 C 04 04 02 30	80 0143.50	400	400	200	1.4	1.5	<p>Accessories</p> <ul style="list-style-type: none"> 80 01 43 - Type A Mounting Bracket 80 02 43 - Type B Mounting Bracket 80 03 43 - Type C Mounting Bracket 80 xx xx 50 - With SS Mounting Plate 80 xx xx xx 60 - Plinth 100 mm (2.5 mm thick) 80 xx xx xx 61 - Plinth 100 mm (4 mm thick) 80 xx xx xx xx 90 - Lifting hook 80 xx xx xx xx 91 - Drawing Pocket
		43 C 05 04 02 30	80 01 43.50	500	400	200	1.5	1.5	
		43 C 05 05 02 30	80 0143.50	500	500	200	1.5	1.5	
		43 C 06 55 02 30	80 02 43.50	600	550	200	1.5	1.5	
		43 C 06 06 02 30	80 02 43 50 91	600	600	200	1.5	1.5	
		43 C 07 06 02 30	80 02 43 50 9091	700	600	200	1.5	2.0	
		43 C 07 07 02 30	80 02 43 50 9091	700	700	200	1.5	2.0	
		43 C 05 05 25 30	80 02 43.50	500	500	250	1.5	1.5	
		43 C 06 05 25 3	80 02 43.50	600	500	250	1.5	1.5	
		43 C 07 05 25 30	80 02 43 50 9091	700	500	250	1.5	2.0	
		43 C 08 05 25 30	80 03 43 50 6070 9091	800	500	250	1.5	2.0	
		43 C 55 55 25 30	80 02 43.50	550	550	250	1.5	1.5	
		43 C 06 55 25 30	80 02 43 50 91	600	550	250	1.5	1.5	
		43 C 08 55 25 30	80 02 43 50 9091	800	550	250	1.5	2.0	
		43 C 10 55 25 30	80 02 43.60.70.90.91	100 0	500	250	1.5	2.0	
		43 C 06 06 25 30	80 03 43.91	600	600	250	1.5	2.0	
	43 C 07 06 25 30	80 03 43.90.91	700	600	250	1.5	2.0		
	43 C 08 06 25 30	80 03 43.60.70.90.91	800	600	250	1.5	2.0		
	43 C 10 06 25 30	80 03 43.60.70.90.91	100 0	600	250	1.5	2.0		
	SS316	44 C 04 04 02 30	80 01 43.50	400	400	200	1.5	2.0	
		44 C 05 04 02 30	80 0143.50	500	400	200	1.5	1.5	
		44 C 05 05 02 30	80 0143.50	500	500	200	1.5	1.5	
		44 C 06 55 02 30	80 02 43.50	600	550	200	1.5	1.5	
		44 C 06 06 02 30	80 02 43 50 91	600	600	200	1.5	1.5	
		44 C 07 06 02 30	80 02 43 50 9091	700	600	200	1.5	2.0	
		44 C 07 07 02 30	80 02 43 50 9091	700	700	200	1.5	2.0	
		44 C 05 05 25 30	80 02 43.50	500	500	250	1.5	1.5	
		44 C 06 05 25 30	80 02 43.50	600	500	250	1.5	1.5	
		44 C 07 05 25 30	80 02 43 50 9091	700	500	250	1.5	2.0	
		44 C 08 05 25 30	80 03 43 50 6070 9091	800	500	250	1.5	2.0	
		44 C 55 55 25 30	80 02 43.50	550	550	250	1.5	2.0	
		44 C 06 55 25 30	80 02 43 50 91	600	550	250	1.5	1.5	
		44 C 08 55 25 30	80 02 43 50 9091	800	550	250	1.5	2.0	
		44 C 10 55 25 30	80 02 43.60.70.90.91	100 0	550	250	1.5	2.0	
44 C 06 06 25 30		80 03 43.91	600	600	250	1.5	1.5		
44 C 07 06 25 30		80 03 43.90.91	700	600	250	1.5	2.0		
44 C 08 06 25 30		80 03 43.60.70.90.91	800	600	250	1.5	2.0		
44 C 10 06 25 30	80 03 43.60.70.90.91	100 0	600	250	1.5	2.0			

Construction	Mat,	Model	H	W	D	S1	S2	Note	
<p>With Double Door</p> 	SS304	43 F 10 06 04 31	80 03 43.50.60.70	1000	600	400	1.5	2.0	<p>Accessories</p> <ul style="list-style-type: none"> 80 01 43 - Type A Mounting Bracket 80 02 43 - Type B Mounting Bracket 80 03 43 - Type C Mounting Bracket 80 xx xx 50 - With SS Mounting Plate 80 xx xx xx 60 - Plinth 100 mm (2.5 mm thick) 80 xx xx xx 61 - Plinth 100 mm (4 mm thick) 80 xx xx xx xx 90 - Lifting hook 80 xx xx xx xx 91 - Drawing Pocket
		43 F 10 08 04 31	80 03 43.50.60.70	1000	800	400	1.5	2.0	
		43 F 10 10 04 31	80 03 43.50.60.70.90.91	1000	1000	400	1.5	2.0	
		43 F 12 08 04 31	80 03 43.50.60.70.90.91	1200	800	400	1.5	2.0	
		43 F 12 10 04 31	80 03 43.50.60.70.90.91	1200	1000	400	1.5	2.0	
		43 F 12 12 04 31	80 03 43.50.60.70.90.91	1200	1200	400	1.5	2.0	
		43 F 14 12 04 31	80 03 43.50.60.70.90.91	1400	1200	400	1.5	2.0	
		43 F 16 10 04 31	80 03 43.50.61.70.90.91	1600	1000	400	2.0	2.0	
		43 F 16 12 04 31	80 03 43.50.61.70.90.91	1600	1200	400	2.0	2.0	
		43 F 18 12 04 31	80 03 43.50.61.70.90.91	1800	1200	400	2.0	2.0	
		43 F 20 12 04 31	80 03 43.50.61.70.90.91	2000	1200	400	2.0	2.0	
		43 F 10 10 45 31	80 03 43.50.60.70.90.91	1000	1000	450	1.5	2.0	
		43 F 12 10 45 31	80 03 43.50.60.70.90.91	1200	1000	450	1.5	2.0	
		43 F 14 10 45 31	80 03 43.50.60.70.90.91	1400	1000	450	1.5	2.0	
		43 F 14 12 45 31	80 03 43.50.60.70.90.91	1400	1200	450	1.5	2.0	
		43 F 16 10 45 31	80 03 43.50.61.70.90.91	1600	1000	450	2.0	2.0	
		43 F 16 12 45 31	80 03 43.50.61.70.90.91	1600	1200	450	2.0	2.0	
		43 F 18 12 45 31	80 03 43.50.61.70.90.91	1800	1200	450	2.0	2.0	
	43 F 18 14 45 31	80 03 43.50.61.70.90.91	1800	1400	450	2.0	2.0		
	43 F 20 14 45 31	80 03 43.50.61.70.90.91	2000	1400	450	2.0	2.0		
	SS316	44 F 10 06 04 31	80 03 43.50.60.70	1000	600	400	1.5	2.0	
		44 F 10 08 04 31	80 03 43.50.60.70	1000	800	400	1.5	2.0	
		44 F 10 10 04 31	80 03 43.50.60.70.90.91	1000	1000	400	1.5	2.0	
		44 F 12 08 04 31	80 03 43.50.60.70.90.91	1200	800	400	1.5	2.0	
		44 F 12 10 04 31	80 03 43.50.60.70.90.91	1200	1000	400	1.5	2.0	
		44 F 12 12 04 31	80 03 43.50.60.70.90.91	1200	1200	400	1.5	2.0	
		44 F 14 12 04 31	80 03 43.50.60.70.90.91	1400	1200	400	1.5	2.0	
		44 F 16 10 04 31	80 03 43.50.61.70.90.91	1600	1000	400	2.0	2.0	
		44 F 16 12 04 31	80 03 43.50.61.70.90.91	1600	1200	400	2.0	2.0	
		44 F 18 12 04 31	80 03 43.50.61.70.90.91	1800	1200	400	2.0	2.0	
		44 F 20 12 04 31	80 03 43.50.61.70.90.91	2000	1200	400	2.0	2.0	
		44 F 10 10 45 31	80 03 43.50.60.70.90.91	1000	1000	450	1.5	2.0	
		44 F 12 10 45 31	80 03 43.50.60.70.90.91	1200	1000	450	1.5	2.0	
44 F 14 10 45 31		80 03 43.50.60.70.90.91	1400	1000	450	1.5	2.0		
44 F 14 12 45 31		80 03 43.50.60.70.90.91	1400	1200	450	1.5	2.0		
44 F 16 10 45 31	80 03 43.50.61.70.90.91	1600	1000	450	2.0	2.0			
44 F 16 12 45 31	80 03 43.50.61.70.90.91	1600	1200	450	2.0	2.0			
44 F 18 12 45 31	80 03 43.50.61.70.90.91	1800	1200	450	2.0	2.0			
44 F 18 14 45 31	80 03 43.50.61.70.90.91	1800	1400	450	2.0	2.0			
44 F 20 14 45 31	80 03 43.50.61.70.90.91	2000	1400	450	2.0	2.0			