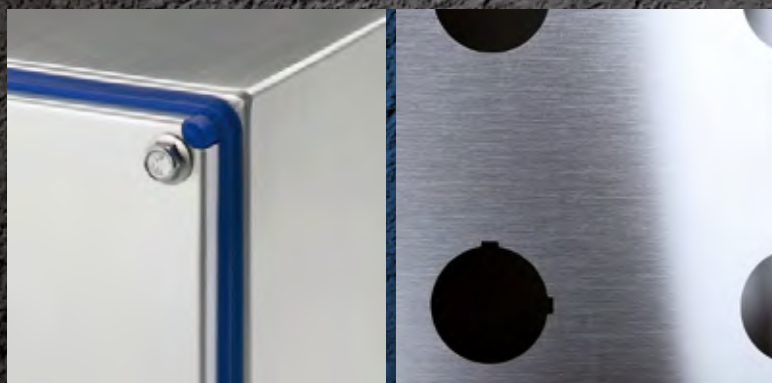


MADE FOR



**PUSH BUTTON
BOXES AND
TERMINAL BOXES**

EN



IRINOX
Inside your needs

PUSH BUTTON BOXES
AND TERMINAL BOXES

PUSH BUTTON BOX
4 MODEL APH

TERMINAL BOX
8 MODEL ADH

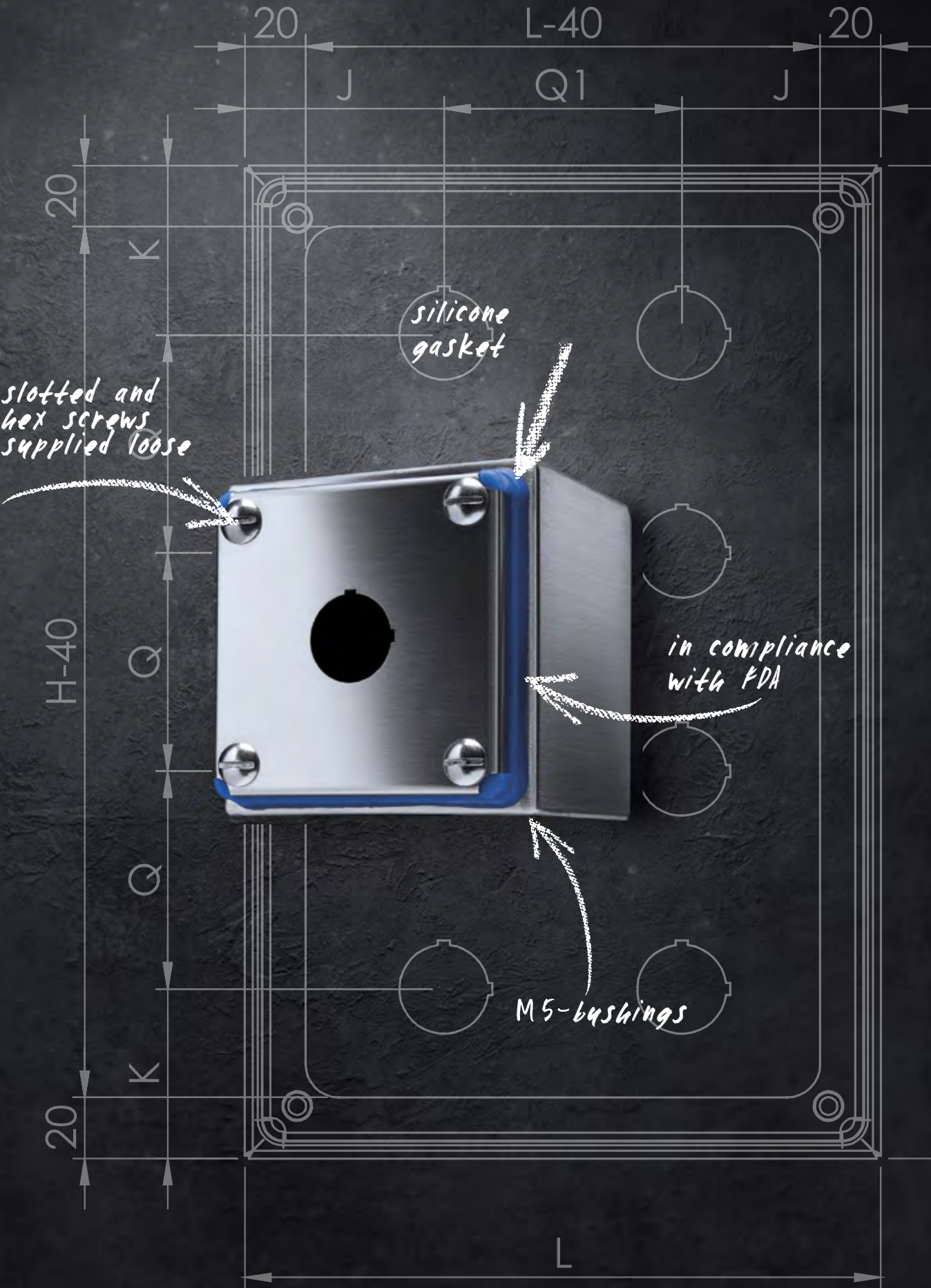
12 ACCESSORIES

TECHNICAL
ADVANTAGES

Silicone gasket easily
removable for washing
or replacement.

Silicone gasket suitable
for use in environments
where food is handled,
in compliance with FDA.

Double function M5
bushings for supporting
the internal mounting plate
(if present) and for holding
fixing brackets or securing
directly to the machine.

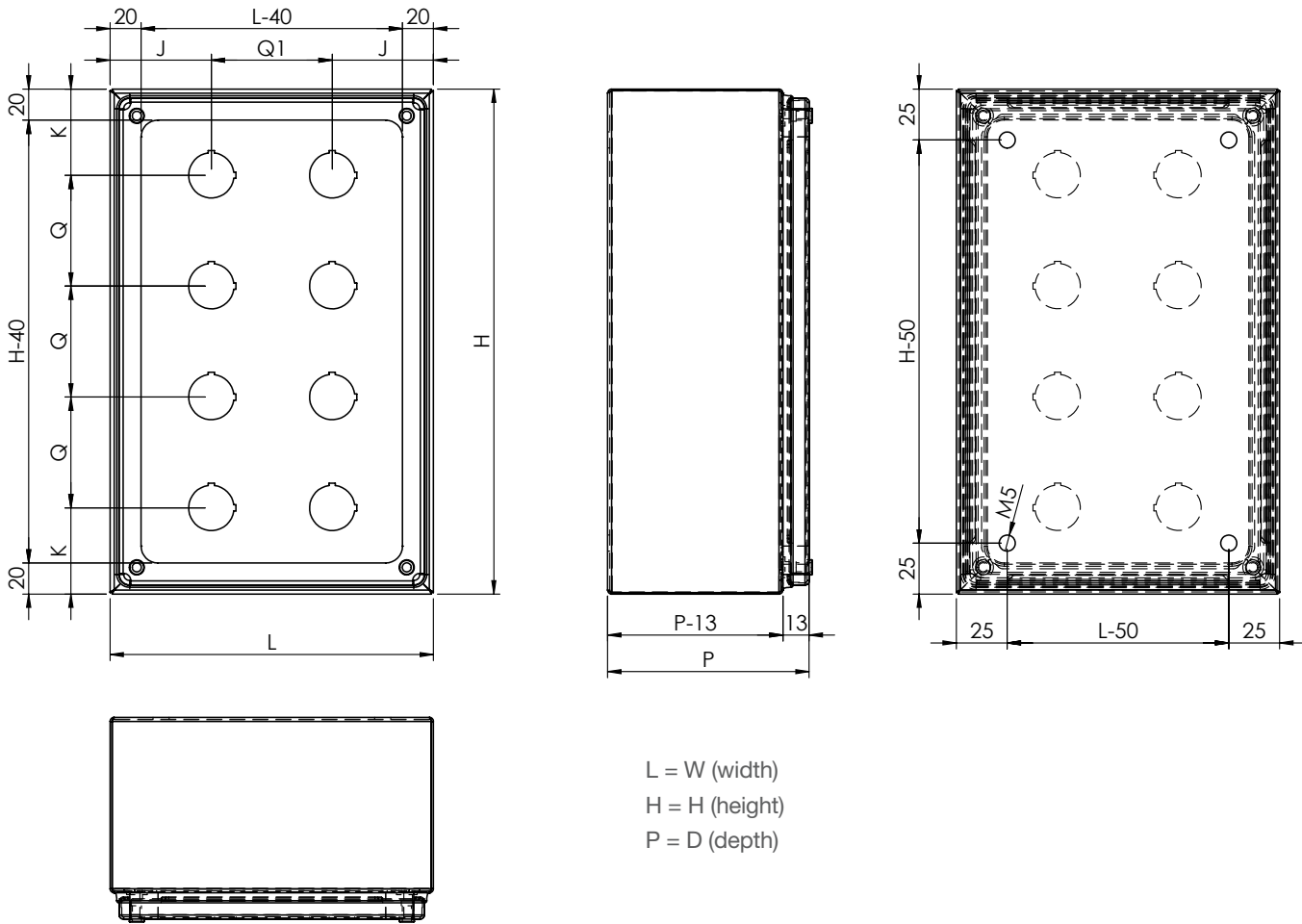




PUSH BUTTON BOX MODEL APH

Push button box in AISI 304 (Wnr 1.4301) stainless steel.
The special profile designed to facilitate cleaning makes it ideal for use where high standards of hygiene are required.

Screwed cover with “clip-in” silicone gasket, UL certified and in compliance with FDA, pre-drilled with Ø 22,5 mm holes (0.89”).
Without internal mounting plate. Protection rating IP 66. On request IP 69K.



L = W (width)
H = H (height)
P = D (depth)

TECHNICAL DATA

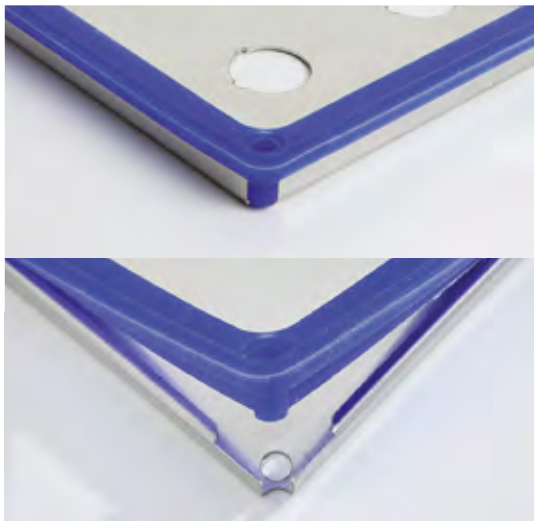
Door drill size	W - 40 mm (1.57”) H - 40 mm (1.57”)
Usable depth	D - 15 mm (0.59”)
Centre to centre distance H - 30 mm (1.18”) for models	
between fixing holes M5	APH 9 9 / 9 14 / 9 20 / 9 28 H - 50 mm (1.97”) for all other models



PUSH BUTTON BOX
MODEL APH

REMOVABLE SILICONE GASKET,
IN COMPLIANCE WITH FDA.

COVER HOLES Ø 22.5 MM (0.89”).



TECHNICAL DESCRIPTION

Type of steel:	AISI 304 (Wnr 1.4301) Scotch-brite
Thickness:	1 mm (0.04”)
Back fixing:	M5 bushings
Gasket:	silicone
Cover fixing:	4 screws*
Internal mounting plate:	not included
Cover:	drilled
Holes:	Ø 22,5 mm (0.89”)

* Comes as standard with 4 hex screws + 4 slotted screws supplied loose

CUSTOMIZATION POSSIBILITIES

Dimensions:	adaptable on request*
Thickness:	adaptable on request*
Material:	AISI 316L (Wnr 1.4404)
Finishes:	SN Coarse brushed - BA Polished*
Back fixing:	studs
Sides:	all 4 sides are also available sloped

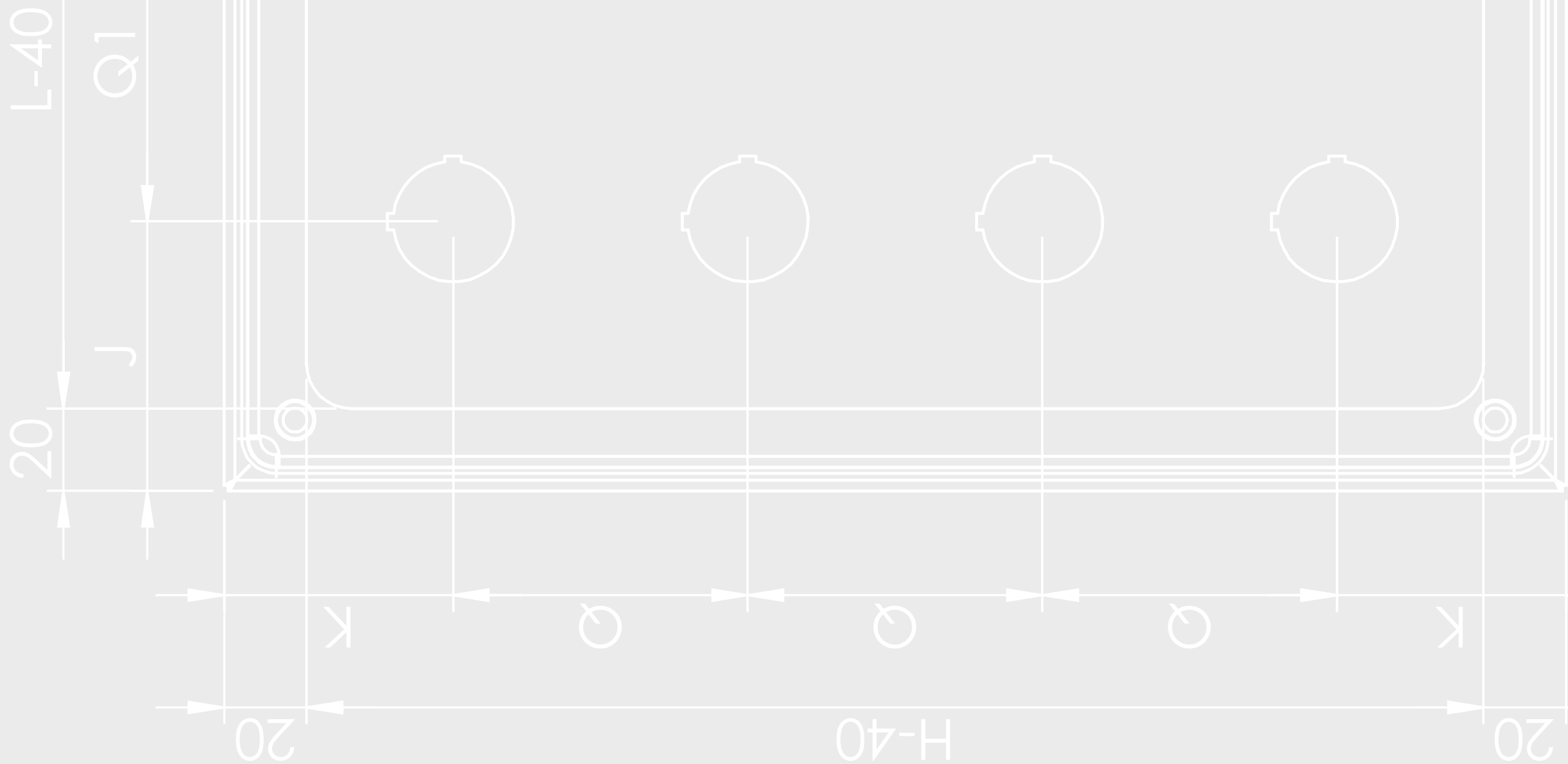
* Check when placing order

CERTIFICATIONS

see technical table

ON REQUEST

FeZn or stainless steel internal mounting plate



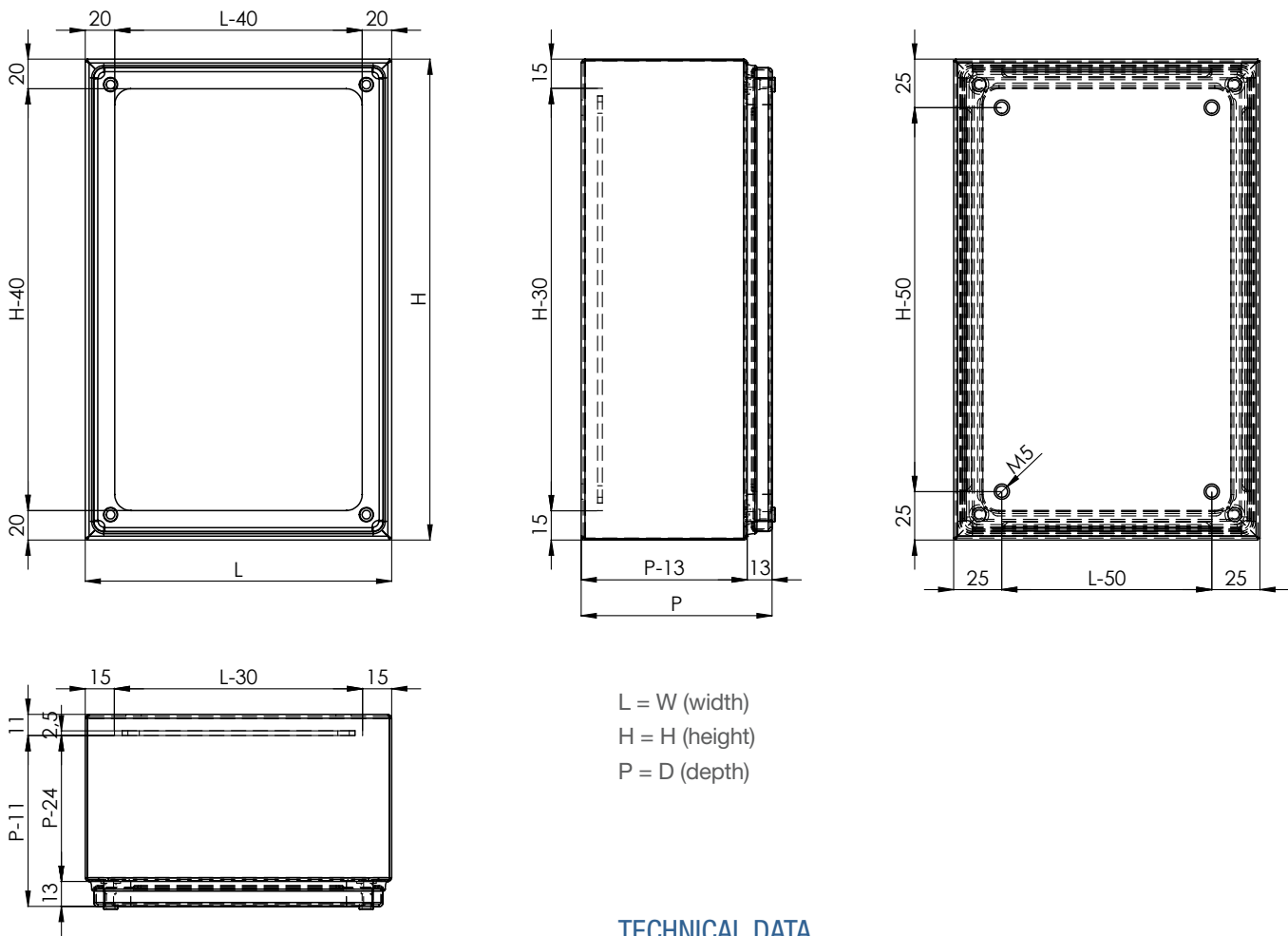
PUSH BUTTON BOX **MODEL APH**

Model	Code	External dimensions						Kg*	J	Q/Q1	K	No. holes per row	Centre to centre distance between rear bushings				No. bushings	No. closing points	Door drill size				Usable depth		Certification					Model
		W		H		D							W		H				W		H		D		IP 66 IK 08	UL type 1,12,4,4x	IP 69K	FDA	EX 3G 3D EX 2G 2D	
		mm	in.	mm	in.	mm	in.						mm	in.	mm	in.			mm	in.	mm	in.								
APH 9 9	PH09090900000001	90	3.54	90	3.54	90	3.54	0.52	45	X	45	1			60	2.36	2	4	50	1.97	50	1.97	75	2.95	√	√	on request	√	on request	APH 9 9
APH 9 14	PH09140900000001	90	3.54	140	5.51	90	3.54	0.68	45	55	42.5	2			110	4.33	2	4	50	1.97	100	3.94	75	2.95	√	√	on request	√	on request	APH 9 14
APH 9 20	PH09200900000001	90	3.54	200	7.87	90	3.54	0.91	45	55	42.5	3			170	6.69	2	4	50	1.97	160	6.30	75	2.95	√	√	on request	√	on request	APH 9 20
APH 9 28	PH09280900000001	90	3.54	280	11.02	90	3.54	1.11	45	60	50	4			250	9.84	2	4	50	1.97	240	9.45	75	2.95	√	√	on request	√	on request	APH 9 28
APH 16 16	PH16161000000001	160	6.30	160	6.30	100	3.94	1.09	50	60	50	2x2	110	4.33	110	4.33	4	4	120	4.72	120	4.72	85	3.35	√	√	on request	√	on request	APH 16 16
APH 16 25	PH16251000000001	160	6.30	250	9.84	100	3.94	1.46	50	60	35	4x2	110	4.33	200	7.87	4	4	120	4.72	210	8.27	85	3.35	√	√	on request	√	on request	APH 16 25
APH 20 20	PH20201000000001	200	7.87	200	7.87	100	3.94	1.35	70	60	40	3x2	150	5.91	150	5.91	4	4	160	6.30	160	6.30	85	3.35	√	√	on request	√	on request	APH 20 20

* Net weight without packing material

TERMINAL BOX MODEL ADH

Terminal box in AISI 304 (Wnr 1.4301) stainless steel.
The special profile designed to facilitate cleaning makes it ideal for use where high standards of hygiene are required.
Solid screwed cover complete with “clip-in” silicone gasket, UL certified and in compliance with FDA. FeZn 25/10 internal mounting plate.
Protection rating IP 66. On request IP 69K.



TECHNICAL DATA

Door drill size	W - 40 mm (1.57") H - 40 mm (1.57")
Usable depth	D - 15 mm (0.59")
Centre to centre distance H - 30 mm (1.18") for models	
between fixing holes M5	ADH 9 9 / 9 14 / 9 20 / 9 28
	H - 50 mm (1.97") for all other models



TERMINAL BOX
MODEL ADH

M5 BUSHINGS FOR FIXING OR
SUPPORTING THE INTERNAL
MOUNTING PLATE.

REMOVABLE SILICONE GASKET,
IN COMPLIANCE WITH FDA.

TECHNICAL DESCRIPTION

Type of steel:	AISI 304 (Wnr 1.4301)
Thickness:	1 to 1.2 mm (0.04" to 0.05") according to model dimensions
Back fixing:	M5 bushings
Gasket:	silicone
Cover fixing:	4 screws*
Internal mounting plate:	25/10 FeZn included
Cover:	solid

* Comes as standard with 4 hex screws + 4 slotted screws supplied loose

CUSTOMIZATION POSSIBILITIES

Dimensions:	adaptable on request*
Thickness:	1.2 mm (0.05")*
Material:	AISI 316L (Wnr 1.4404)
Finishes:	SN Coarse brushed - BA Polished*
Back fixing:	studs
Sides:	all 4 sides are also available sloped

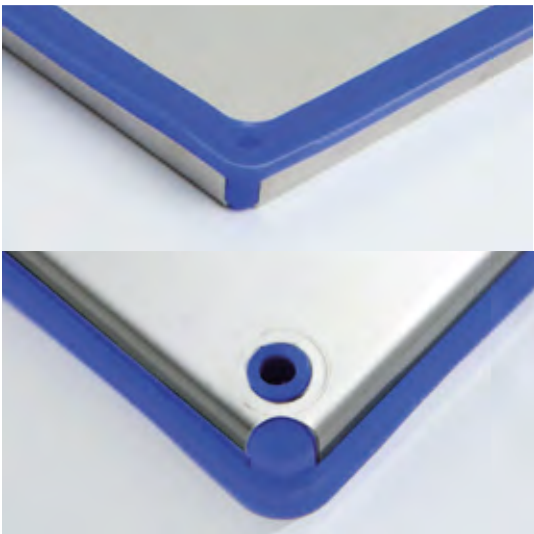
* Check when placing order

CERTIFICATIONS

see technical table

ON REQUEST

Stainless steel internal mounting plate



TERMINAL BOX **MODEL ADH**

Model	Code	External dimensions						Kg*	Mounting plate dimensions				Centre to centre distance between rear bushings				No. bushing	No. closing points	Door drill size				Working depth		Certification							Model
		W		H		D			W		H		W		H				W		H		D		IP 66 IK 08	IP 66 IK 07	IP 69K	UL type 1,12,4,4x	FDA	EX 3G 3D EX 2G 2D		
		mm	in.	mm	in.	mm	in.		mm	in.	mm	in.	mm	in.	mm	in.			mm	in.	mm	in.										
ADH 9 9	PH0909090000003	90	3.54	90	3.54	90	3.54	0.53							60	2.36	2	4	50	1.97	50	1.97	75	2.95	√		on request	√	√	on request	ADH 9 9	
ADH 9 14	PH0914090000002	90	3.54	140	5.51	90	3.54	0.68							110	4.33	2	4	50	1.97	100	3.94	75	2.95	√		on request	√	√	on request	ADH 9 14	
ADH 9 20	PH0920090000008	90	3.54	200	7.87	90	3.54	0.92							170	6.69	2	4	50	1.97	160	6.30	75	2.95	√		on request	√	√	on request	ADH 9 20	
ADH 9 28	PH0928090000011	90	3.54	280	11.02	90	3.54	1.13							250	9.84	2	4	50	1.97	240	9.45	75	2.95	√		on request	√	√	on request	ADH 9 28	
ADH 10 10	PH1010100000001	100	3.94	100	3.94	100	3.94	0.72	70	2.76	85	3.35			70	2.76	2	4	60	2.36	60	2.36	85	3.35	√		on request	√	√	on request	ADH 10 10	
ADH 10 16	PH1016100000001	100	3.94	160	6.30	100	3.94	1.01	70	2.76	145	5.71			130	5.12	2	4	60	2.36	120	4.72	85	3.35	√		on request	√	√	on request	ADH 10 16	
ADH 10 20	PH1020100000001	100	3.94	200	7.87	100	3.94	1.21	70	2.76	185	7.28			170	6.69	2	4	60	2.36	160	6.30	85	3.35	√		on request	√	√	on request	ADH 10 20	
ADH 16 16	PH1616100000002	160	6.30	160	6.30	100	3.94	1.43	130	5.12	130	5.12	110	4.33	110	4.33	4	4	120	4.72	120	4.72	85	3.35	√		on request	√	√	on request	ADH 16 16	
ADH 16 25	PH1625100000002	160	6.30	250	9.84	100	3.94	2.05	130	5.12	220	8.66	110	4.33	200	7.87	4	4	120	4.72	210	8.27	85	3.35	√		on request	√	√	on request	ADH 16 25	
ADH 20 20	PH2020100000002	200	7.87	200	7.87	100	3.94	2.12	170	6.69	170	6.69	150	5.91	150	5.91	4	4	160	6.30	160	6.30	85	3.35	√		on request	√	√	on request	ADH 20 20	
ADH 20 25	PH2025120000001	200	7.87	250	9.84	120	4.72	2.59	170	6.69	220	8.66	150	5.91	200	7.87	4	4	160	6.30	210	8.27	105	4.13	√		on request	√	√	on request	ADH 20 25	
ADH 20 30	PH2030120000001	200	7.87	300	11.81	120	4.72	3.14	170	6.69	270	10.63	150	5.91	250	9.84	4	4	160	6.30	260	10.24	105	4.13	√		on request	√	√	on request	ADH 20 30	
ADH 20 40	PH2040120000001	200	7.87	400	15.75	120	4.72	3.74	170	6.69	370	14.57	150	5.91	350	13.78	4	4	160	6.30	360	14.17	105	4.13		√	on request	√	√	on request	ADH 20 40	
ADH 30 30	PH3030120000001	300	11.81	300	11.81	120	4.72	4.48	270	10.63	270	10.63	250	9.84	250	9.84	4	4	260	10.24	260	10.24	105	4.13	√		on request	√	√	on request	ADH 30 30	
ADH 30 40	PH3040120000001	300	11.81	400	15.75	120	4.72	5.70	270	10.63	370	14.57	250	9.84	350	13.78	4	4	260	10.24	360	14.17	105	4.13		√	on request	√	√	on request	ADH 30 40	
ADH 40 40	PH4040120000001	400	15.74	400	15.74	120	4.72	7.34	370	14.56	370	14.56	350	13.77	350	13.77	4	4	360	14.17	360	14.17	105	4.13		√	on request	√	√	on request	ADH 40 40	

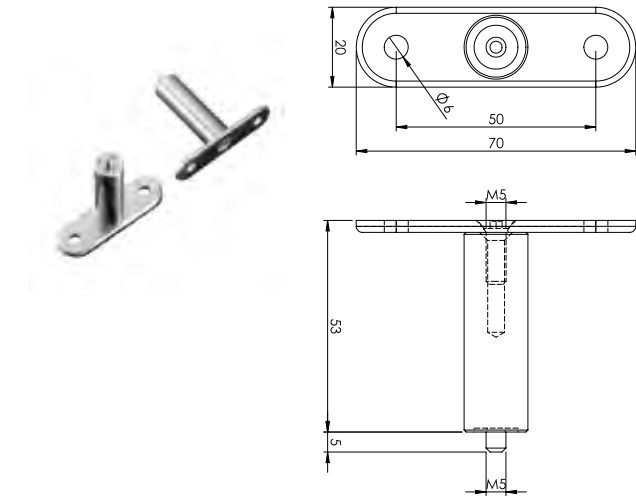
* Net weight without packing material

A wide range of accessories is available to complete each standard or bespoke model so that all specific needs are met. Some accessories require special machining and their application may change the IP protection rating or influence on certifications. Please specify them when placing an order/enquiry.

BRACKETS

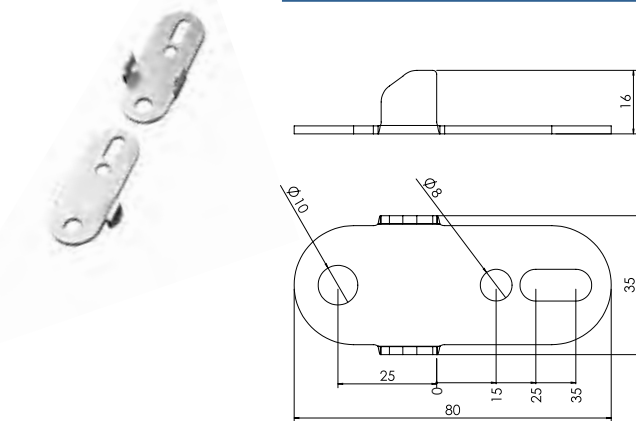
HYGIENIC WALL SPACERS

Code	Description	APH	ADH
Q4SV00023500195	Hygienic spacers in AISI 304 stainless steel (Wnr 1.4301), for M5 screws. Set of 2 Hygienic wall spacers.	•	•



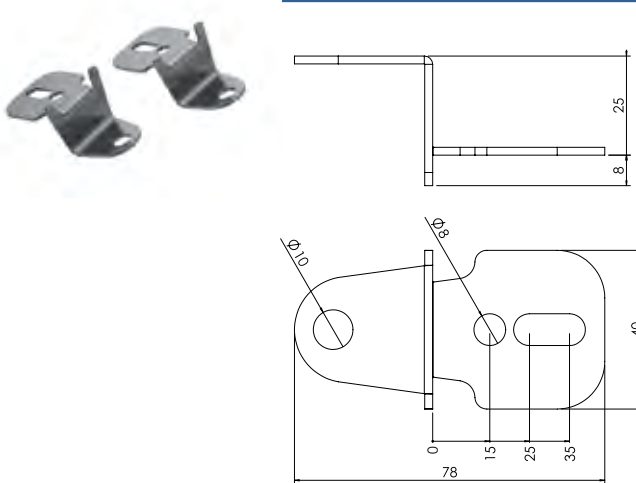
FLAT WALL BRACKETS

Code	Description	APH	ADH
Q4SV00023500009	Brackets in AISI 304 stainless steel (Wnr 1.4301) to be screwed onto the bushings on the back of the enclosure. Complete with fixing screws. Set of 4 flat brackets.	•	•



RAISED WALL BRACKETS

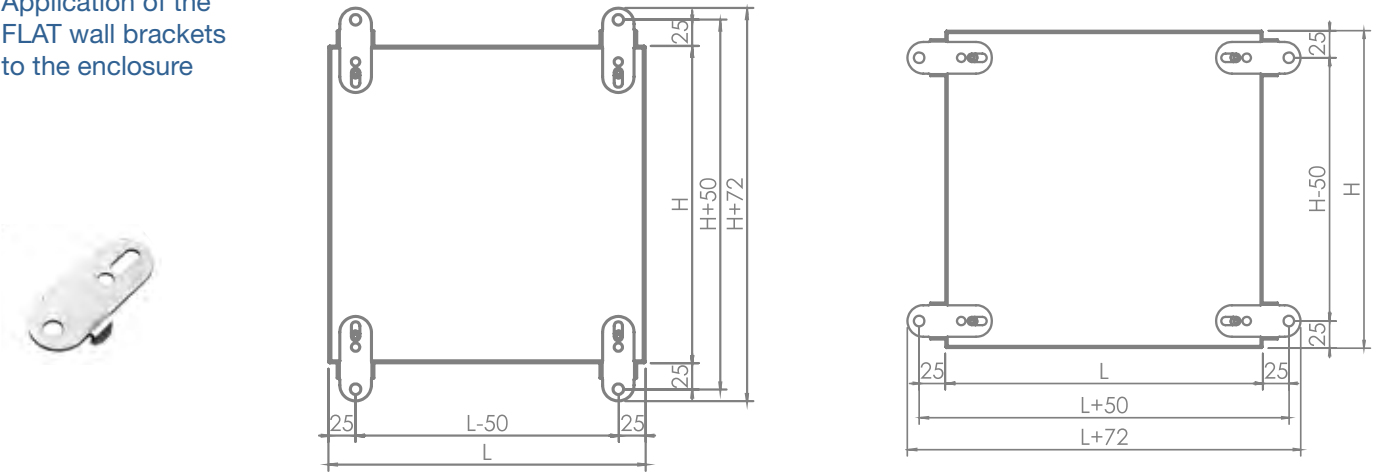
Code	Description	APH	ADH
Q4SV00023500002	Raised wall brackets H=25 mm (0.98") in AISI 304 stainless steel (Wnr 1.4301), to be screwed onto the bushings on the back of the boxes. Complete with fixing screws. Set of 4 raised wall brackets.	•	•



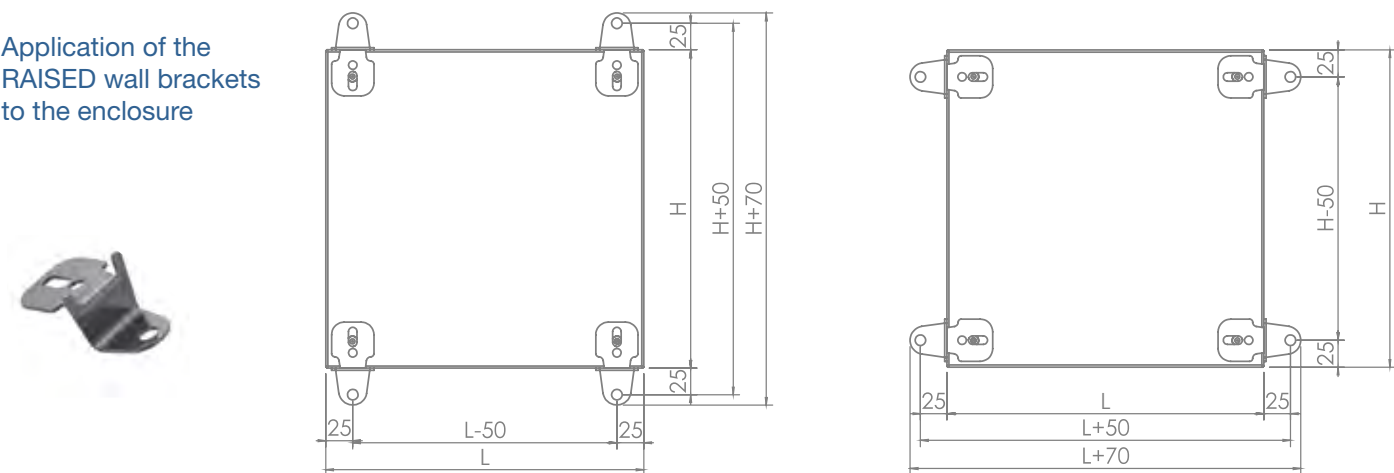
Always specify accessories when placing an order/enquiry.

Application of the brackets to the enclosure

Application of the FLAT wall brackets to the enclosure



Application of the RAISED wall brackets to the enclosure



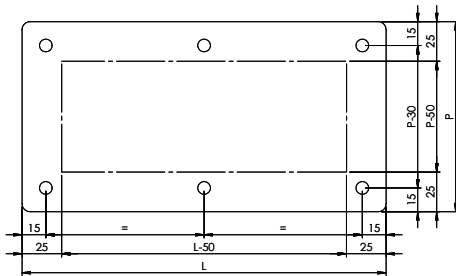
Always specify accessories when placing an order/enquiry.

CABLE GLAND PLATES

CABLE GLAND PLATES

Code	Description	APH	ADH
Special accessory to specify when placing an order/enquiry	Flat plate in AISI 304 stainless steel (Wnr 1.4301) ,complete with gasket and fixing screws, suitable for application with cable glands.	•	•

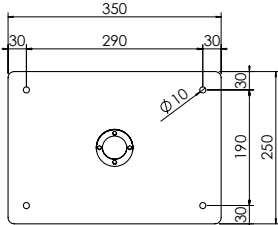
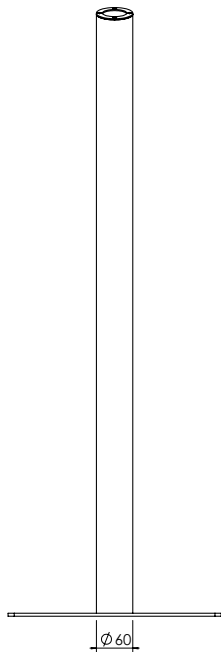
* With the cable gland plate the box is not in compliance with FDA.



PEDESTALS

PEDESTAL - MODEL PD 3210

Code	Description	APH	ADH
Q4SV00023500184 Special accessory to specify when placing an order/enquiry	Pedestal for push button boxes and terminal boxes, comprising a 5 mm (0.20") base prepared for securing to the floor, and a Ø 60 mm (2.36") tubular profile prepared for fixing.	•	•



Always specify accessories when placing and order/enquiry.

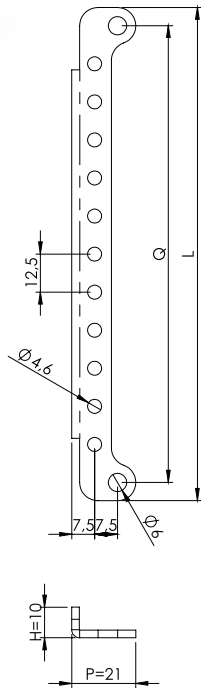
OTHER ACCESSORIES

SUPPORT FOR DIN RAIL

Pre-drilled support with Ø 4.6 mm (0.18"), suitable for the DIN rail fastening inside the push button boxes and terminal boxes. 2 pieces kit.

Code	Model	External dimensions						Q	APH	ADH
		W		H		D				
		mm	in.	mm	in.	mm	in.			
Q4SV00023500165	SUPPORT FOR DIN RAIL MODEL DT 16	122	4.80	10	0.39	21	0.83	110	●	●
Q4SV00023500093	SUPPORT FOR DIN RAIL MODEL DT 20	162	6.38	10	0.39	21	0.83	150	●	●
Q4SV00023500166	SUPPORT FOR DIN RAIL MODEL DT 25	212	8.35	10	0.39	21	0.83	200	●	●
Q4SV00023500167	SUPPORT FOR DIN RAIL MODEL DT 30	262	10.31	10	0.39	21	0.83	250	●	●
Q4SV00023500168	SUPPORT FOR DIN RAIL MODEL DT 40	312	12.28	10	0.39	21	0.83	300	●	●

* Machining/customization of the box is required for fixing the support.



Always specify accessories when placing and order/enquiry.

IRINOX

Inside your needs



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