

Profitronic I



- Aluminium electronic enclosure for telecommunication and MCR technology
- Variable length version using profile technology
- Screw-down fins integrated into sides
- Different lid versions depending on enclosure type
- Integrated guide grooves for PCB's

Technical data

Material:

DIN EN 573 EN AW-AlMgSi

Ingress protection:

IP 65 or IP 40 to EN 60529
depending on lid versions

Painting:

Powder coating

Colour:

RAL 9005, jet black

Temperature range:

-30°C to +80°C

Included in delivery

Enclosure with two sheet aluminium or cast lids, screwed

Profitronic I

Product range

Type	Order No.	External enclosure dimensions* W x L x H (mm)	Version	Weight (g)	Ingress protection	max. PCB dimensions (mm)
07.01 	07.01 01 17	105 x 175 x 45	2 sheet aluminium lids without seal, standard length = 170 mm	510	IP 40	100 x 170
07.02 	07.02 01 17	105 x 175 x 69	2 sheet aluminium lids without seal, standard length = 170 mm	580	IP 40	100 x 170
07.03 	07.03 12 22 07.03 13 22	196/166 x 239 x 106 196/166 x 232 x 106	2 cast aluminium flat lids with seal, cast aluminium flat lids and mounting rear panel standard length = 220 mm	2420 2240	IP 65 IP 40	100/160 x 220 100/160 x 220
07.10 	07.10 06 18	105 x 198 x 73,5	2 cast aluminium flat lids with seal standard length = 180 mm	770	IP 65	100 x 180
07.11 	07.11 06 18	105 x 200 x 49	2 cast aluminium flat lids with seal standard length = 180 mm	790	IP 65	100 x 180

* Dimensions without fixing brackets

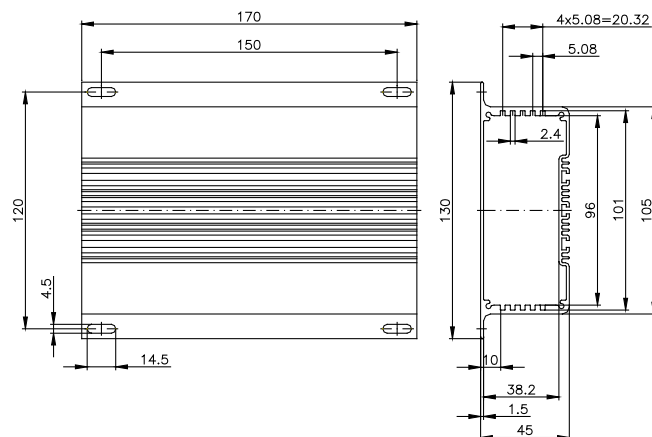
EMC version: product group 70.xx xx xx

Profitronic I

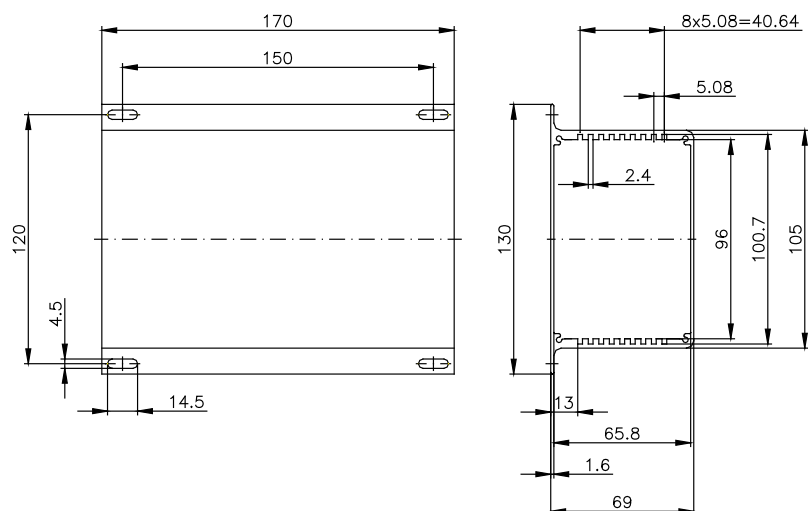
Dimensions

Version IP 40

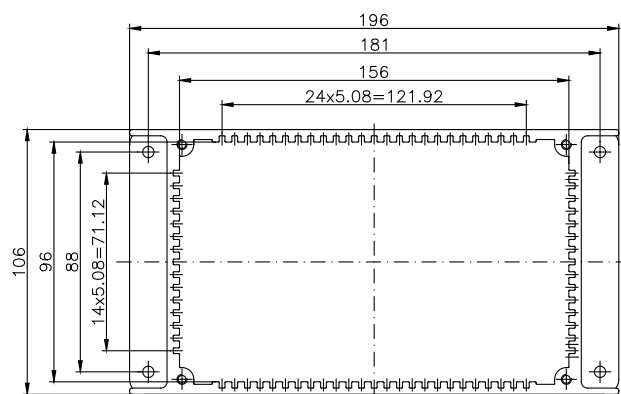
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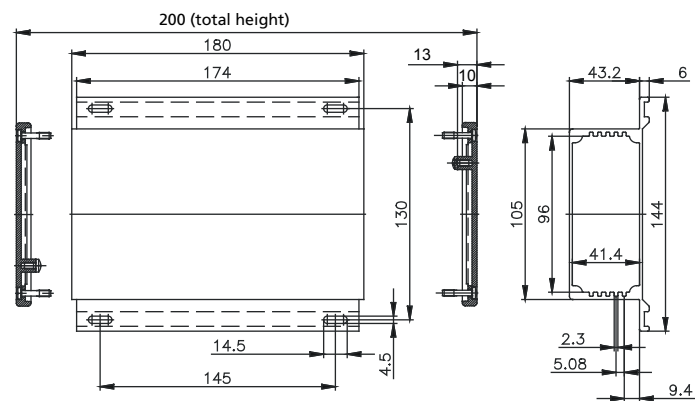
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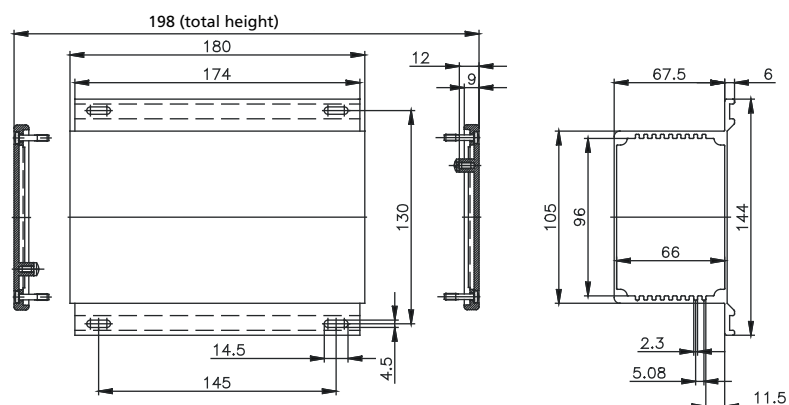
Type 07.03 (07.03 13 22)



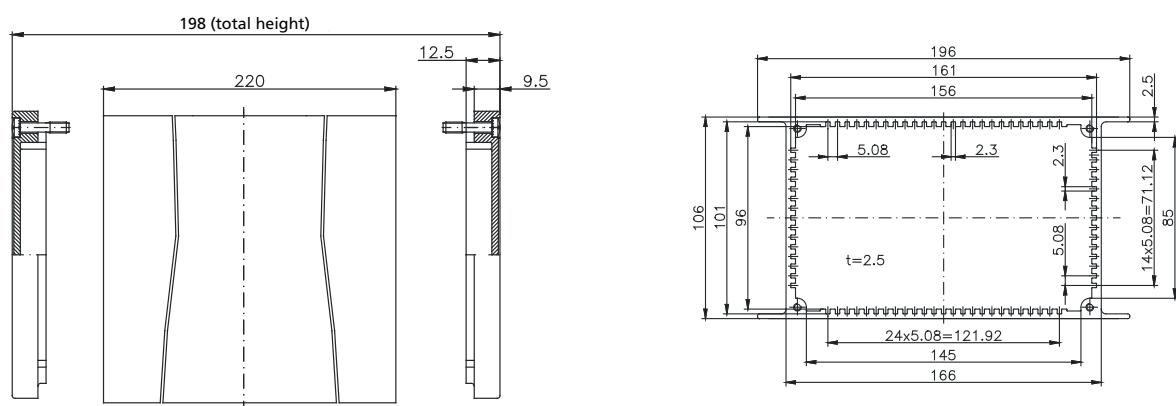
Type 07.11



Type 07.10



Type 07.03 (07.03 12 22)



Profitronic I/F, I/A



- Aluminium electronic enclosures for MCR technology and automation engineering
- Variable length version using profile technology
- Enclosure system with different front lid and rear panel versions
- Integrated guide grooves for PCB's

Included in delivery

Enclosure with two sheet aluminium or cast lids, screwed; version with protective collar lid have self-adhesive anodized aluminium front panel is added separate

Technical data

Material:

DIN EN 573 EN AW-AlMgSi

Ingress protection:

IP 65 or IP 40 to EN 60529
depending on lid version

Painting:

Powder coating

Colour:

Enclosure profile: RAL 7035, light grey
Enclosure lid: RAL 7030, stone grey

Temperature range:

-40°C to +80°C

Cover -20°C to +60°C

Profitronic I/F, I/A

Produktübersicht

Type	Order No.	External enclosure dimensions* W x L x H (mm)	Version	Ingress protection	max.PCB dimensions (mm)
07.05 	07.05 20 12	105 x 129 x 85	2 sheet aluminium lids without seal	IP 40	80/100 x 125
	07.05 21 12	105 x 129 x 85	Sheet aluminium lid and sheet aluminium mounting rear panel without seal	IP 40	80/100 x 125
	07.05 22 12	112 x 141 x 92	2 cast aluminium flat lids with seal	IP 65	80/100 x 125
	07.05 23 12	112 x 143 x 112	Cast aluminium flat lid and cast aluminium mounting rear panel with seal	IP 65	80/100 x 125
	07.05 24 12	112 x 175 x 92	2 cast aluminium protective collar lids with seal	IP 65	80/100 x 125
	07.05 25 12	112 x 158 x 92	1 cast aluminium protective collar lid and 1 cast aluminium flat lid with seal	IP 65	80/100 x 125
	07.05 26 12	112 x 160 x 112	Cast alum. protective collar lid and cast alum. mounting rear panel with seal	IP 65	80/100 x 125
07.06 	07.06 20 18	165 x 184 x 105	2 sheet aluminium lids without seal	IP 40	100/160 x 180
	07.06 21 18	165 x 184 x 105	Sheet aluminium lid and sheet aluminium mounting rear panel without seal	IP 40	100/160 x 180
	07.06 22 18	173 x 196 x 113	2 cast aluminium flat lids with seal	IP 65	100/160 x 180
	07.06 23 18	173 x 198 x 135	Cast aluminium flat lid and cast aluminium mounting rear panel with seal	IP 65	100/160 x 180
	07.06 24 18	173 x 230 x 113	2 cast aluminium protective collar lids with seal	IP 65	100/100 x 180
	07.06 25 18	173 x 213 x 113	1 cast aluminium protective collar lid and 1 cast aluminium flat lid with seal	IP 65	100/160 x 180
	07.06 26 18	173 x 215 x 135	Cast alum. protective collar lid and cast alum. mounting rear panel with seal	IP 65	100/160 x 180
	07.06 27 18	173 x 195 x 113	1 cast aluminium front plate lid and 1 cast aluminium flat lid with seal	IP 65	100/160 x 180
	07.06 28 18	173 x 197 x 135	Cast aluminium front plate lid and cast alum. mounting rear panel with seal	IP 65	100/160 x 180
	07.06 29 18	180 x 218 x 113	Transparent cover, cast aluminium front plate lid and cast aluminium flat lid	IP 65	100/160 x 180
	07.06 30 18	180 x 220 x 135	Transparent cover, cast alum. front plate lid and cast alum. mounting rear panel	IP 65	100/160 x 180
07.07 	07.07 20 18	196 x 184 x 167	2 sheet aluminium lids without seal	IP 40	160/189 x 180
	07.07 21 18	196 x 184 x 167	Sheet aluminium lid and sheet aluminium mounting rear panel without seal	IP 40	160/189 x 180
	07.07 22 18	203 x 200 x 174	2 cast aluminium flat lids with seal	IP 65	160/189 x 180
	07.07 23 18	203 x 202 x 196	Cast aluminium flat lid and cast aluminium mounting rear panel with seal	IP 65	160/189 x 180
	07.07 24 18	203 x 234 x 175	2 cast aluminium protective collar lids with seal	IP 65	160/189 x 180
	07.07 25 18	203 x 217 x 174	1 cast aluminium protective collar lid and 1 cast aluminium flat lid with seal	IP 65	160/189 x 180
	07.07 26 18	203 x 219 x 196	Cast alum. protective collar lid and cast alum. mounting rear panel with seal	IP 65	160/189 x 180
	07.07 27 18	204 x 197 x 175	1 cast aluminium front plate lid and 1 cast aluminium flat lid with seal	IP 65	160/189 x 180
	07.07 28 18	204 x 199 x 196	Cast alum. front plate lid and cast alum. mounting rear panel with seal	IP 65	160/189 x 180
	07.07 29 18	204 x 219 x 175	Transparent cover, cast aluminium front plate lid and cast aluminium flat lid	IP 65	160/189 x 180
	07.07 30 18	204 x 220 x 196	Transparent cover, cast alum. front plate lid and cast alum. mounting rear panel	IP 65	160/189 x 180
07.09 	07.09 00 15	196 x 238 x 203	Cast aluminium protective collar lid, connection enclosure with cast aluminium lid and cast aluminium mounting rear panel, length of front profile = 145 mm	IP 65	100/160 x 145

* Dimensions without fixing brackets

EMC version: product group 70.xx xx xx

Accessories

Transparent cover for protective collar lid with knurled lock for 07.06	07.80 80 01
Transparent cover for front plate lid for 07.06	07.80 80 03
Transparent cover for front plate lid for 07.07	07.80 80 04
Table feet (set, self adhesive, black)	10.07 00 19
Mounting feet (2 pcs.), grey	07.70 00 81

Profitronic I/F, I/A

Profitronic I/F IP 40



Version with two sheet aluminium lids

Type	Order No.	Weight (g)
07.05	07.05 20 12	850
07.06	07.06 20 18	1600
07.07	07.07 20 18	1750



Version with sheet aluminium lid and cast aluminium mounting rear panel

Type	Order No.	Weight (g)
07.05	07.05 21 12	570
07.06	07.06 21 18	1160
07.07	07.07 21 18	1850

Profitronic I/F IP 65



Version with two cast aluminium flat lids (with seal)

Type	Order No.	Weight (g)
07.05	07.05 22 12	650
07.06	07.06 22 18	1740
07.07	07.07 22 18	2100



Version with cast aluminium front plate lid and cast aluminium flat lid (with seal)

Type	Order No.	Weight (g)
07.06	07.06 27 18	1440
07.07	07.07 27 18	2270



Version with cast aluminium protective collar lid and cast aluminium flat lid (with seal)

Type	Order No.	Weight (g)
07.05	07.05 25 12	720
07.06	07.06 25 18	2000
07.07	07.07 25 18	3000

Profitronic I/F, I/A

Profitronic I/F IP 65



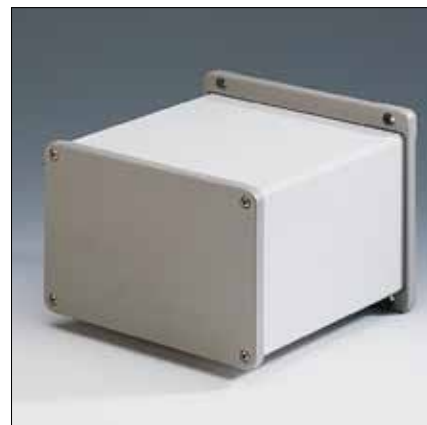
Version with transparent cover, cast aluminium front plate lid and cast aluminium flat lid (with seal)

Type	Order No.	Weight (g)
07.06	07.06 29 18	1380
07.07	07.07 29 18	3120



Version with two aluminium protective collar lids (with seal)

Type	Order No.	Weight (g)
07.05	07.05 24 12	785
07.06	07.06 24 18	1460
07.07	07.07 24 18	2300



Version with cast aluminium flat lid and cast aluminium mounting rear panel (with seal)

Type	Order No.	Weight (g)
07.05	07.05 23 12	685
07.06	07.06 23 18	1360
07.07	07.07 23 18	2880



Version with cast aluminium front plate lid and cast aluminium mounting rear panel (with seal)

Type	Order No.	Weight (g)
07.06	07.06 28 18	1380
07.07	07.07 28 18	2200



Version with cast aluminium protective collar lid and cast aluminium mounting rear panel (with seal)

Type	Order No.	Weight (g)
07.05	07.05 26 12	860
07.06	07.06 26 18	2000
07.07	07.07 26 18	3266



Version with transparent cover, cast aluminium front panel lid and cast aluminium mounting rear panel (with seal)

Type	Order No.	Weight (g)
07.06	07.06 30 18	2000
07.07	07.07 30 18	2600

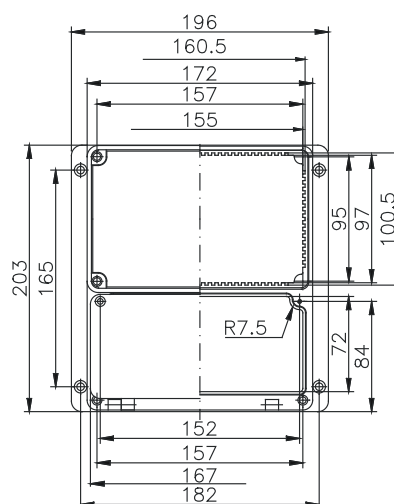
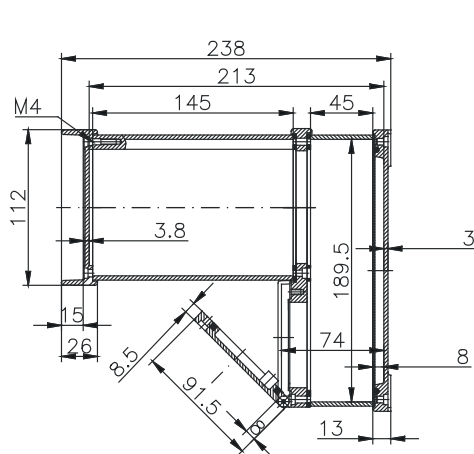
Profitronic I/F, I/A

Profitronic I/A



PCB enclosure with connection compartment

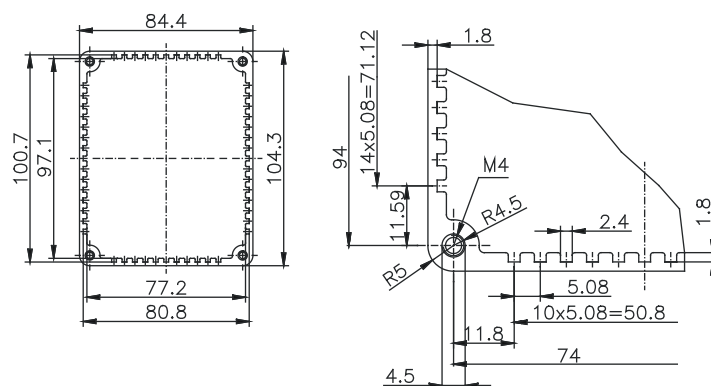
Order No. **07.09 00 15**



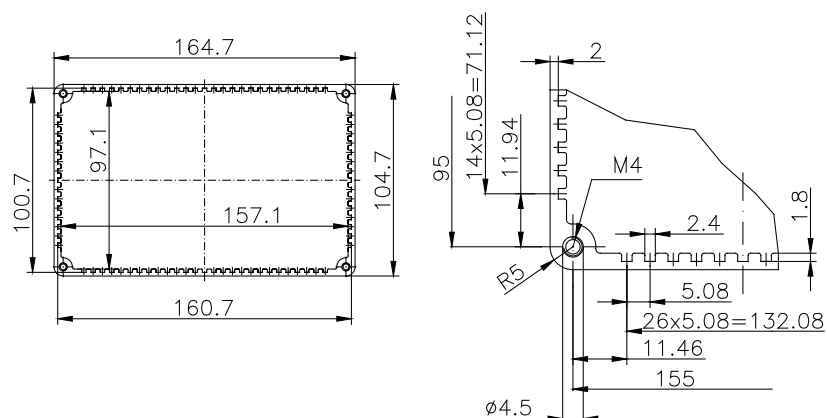
Dimensions



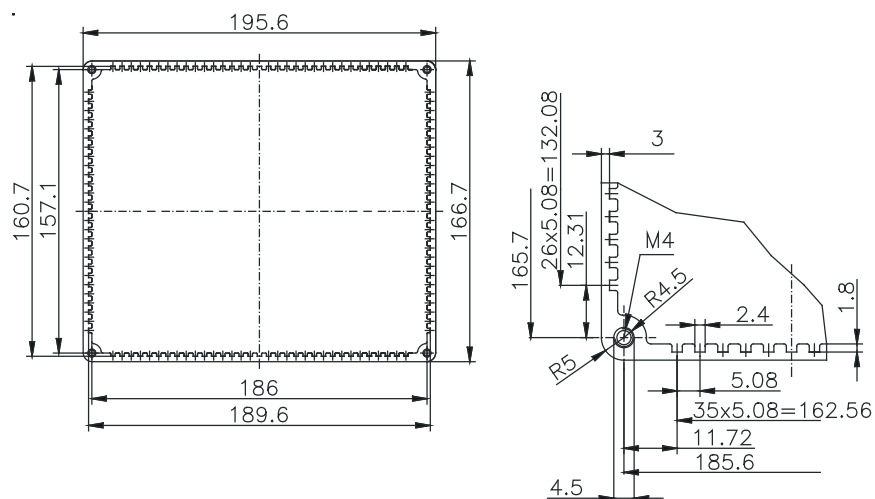
Profile 07.05



Profile 07.06



Profile 07.07

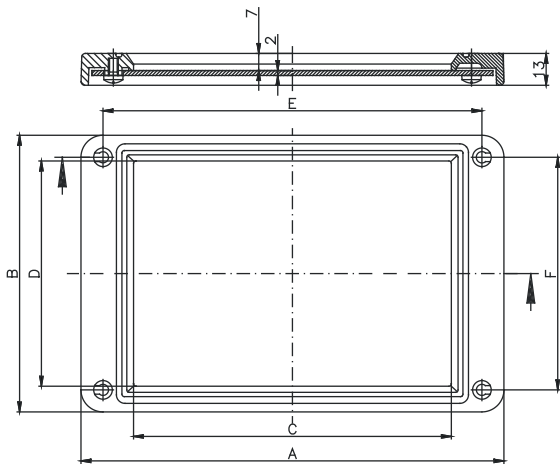


Profitronic I/F, I/A

Dimensions



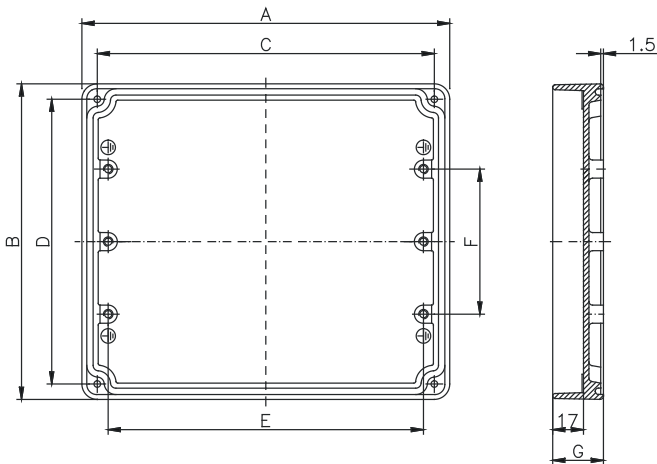
Cast aluminium front plate lid



Type	A	B	C	D	E	F
07.06	173	113	130	92	155	95
07.07	204	175	161	154	186	157



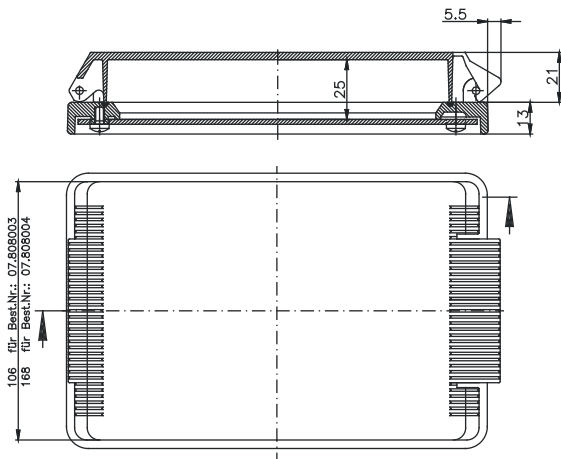
Cast aluminium protective collar lid



Type	A	B	C	D	E	F	G
07.05	112	92	94	74	85	-	26
07.06	172,5	112,5	155	95	145	-	26
07.07	203	174	186	157	174	80	28



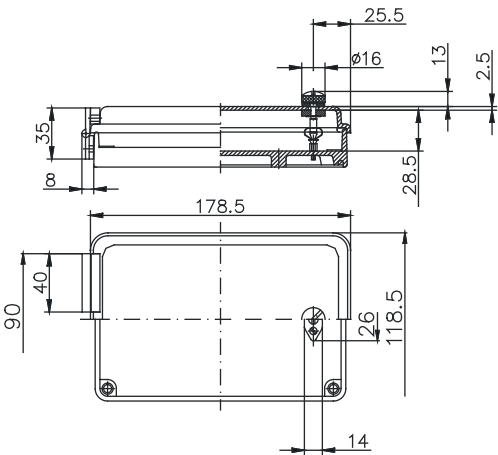
Cast aluminium front plate lid with transparent cover



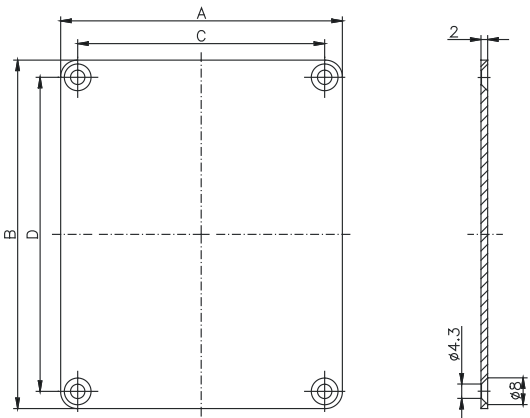
Dimensions



Transparent cover for cast aluminium protective collar lid



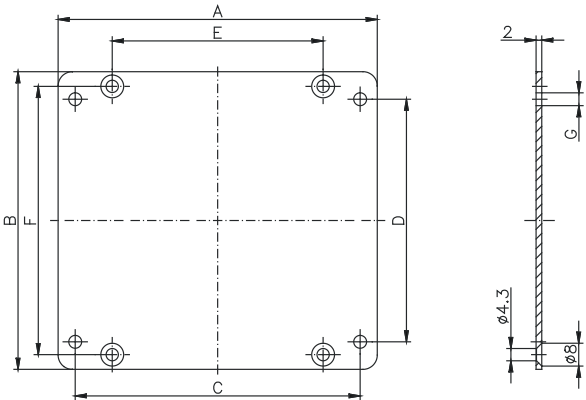
Sheet aluminium lid



Type	A	B	C	D
07.05	85	105	74	94
07.06	105	165	95	155
07.07	167	196	157	186



Sheet aluminium mounting rear panel



Typ	A	B	C	D	E	F	G
07.05	105	112	94	74	85	100	4,5
07.06	135	165	155	95	140	120	5,5
07.07	196	196	186	157	165	182	5,5

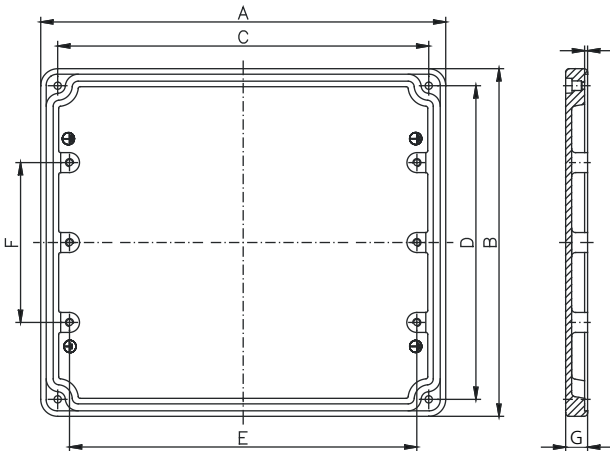
Profitronic I/F, I/A

Dimensions



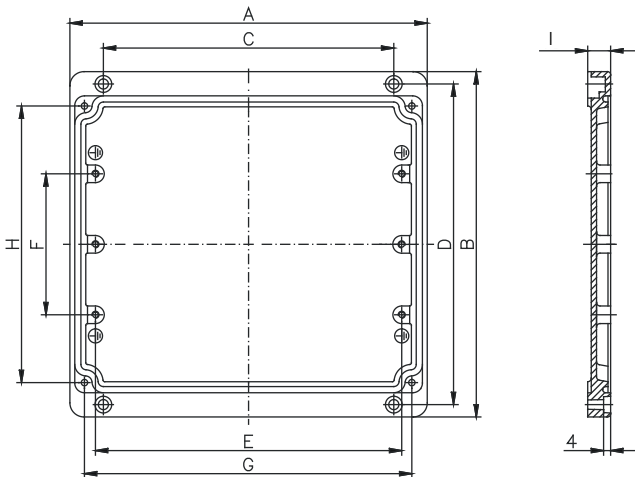
Cast aluminium flat lid

Type	A	B	C	D	E	F	G
07.05	112	92	94	74	85	-	9
07.06	172,5	112,5	155	95	145	-	9
07.07	203	174	186	157	174	80	11



Cast aluminium mounting rear wall

Type	A	B	C	D	E	F	G	H	I
07.05	112	112	85	100	85	-	94	74	11
07.06	172,5	135	140	120	145	-	155	95	11
07.07	203	196	165	182	174	80	186	157	13





Profitronic 19 / Profitronic 19 universal



- Enclosure in variable length version using profile technology
- Standard construction or version with connection compartment
- Optional Polycarbonate transparent cover
- Profitronic 19: integrated 19" rack (height 3HU): 19, 28, 42HP
- Profitronic 19 U: aluminium electronic enclosures in 3 sizes

Technical data

Material:

Enclosure body: DIN EN 573 EN AW-ALMgSi

Connection compartment:

DIN EN 1706 EN AC-ALSi 12 (Fe)

Ingress protection:

IP 65 to EN 60529

outdoor application on request

Colour:

Enclosure body and connection compartment:
RAL 7035, light grey

Enclosure lid and external bracket:
RAL 7030, stone grey

Painting:

Powder coating

Opening angle:

Connection compartment and transparent cover
110°

Temperature range:

Lid seal: -40°C to +80°C

Transparent cover: -40°C to +70°C

Included in delivery

Enclosure system - depending on version either with cast aluminium lids, connection compartment or transparent cover, fixing elements please order separately

Profitronic 19 / Profitronic 19 universal

Profitronic 19

Product range

Type	19" mounting frame	19" mounting frame with transparent cover	Front plate lid	Front plate lid	Front plate lid with transparent cover	Dimensions* W x L x H (mm)
Enclosure with connection compartment standard (63,5 mm)						
19TE	07.19 11 00	07.19 21 00	07.19 31 00	07.19 33 00**	07.19 23 00	148 x 236 x 241
28TE	07.28 11 00	07.28 21 00	07.28 31 00	07.28 33 00**	07.28 23 00	191 x 236 x 241
42TE	07.42 11 00	07.42 21 00	07.42 31 00	07.42 33 00**	07.42 23 00	265 x 236 x 241
Enclosure with connection compartment deep (103,5 mm)						
19TE	07.19 11 01	07.19 21 01	07.19 31 01	07.19 33 01**	07.19 23 01	148 x 276 x 241
28TE	07.28 11 01	07.28 21 01	07.28 31 01	07.28 33 01**	07.28 23 01	191 x 276 x 241
42TE	07.42 11 01	07.42 21 01	07.42 31 01	07.42 33 01**	07.42 23 01	265 x 276 x 241
Enclosure without connection compartment						
19TE	07.19 12 00	07.19 22 00	07.19 32 00	-	-	148 x 235 x 149
28TE	07.28 12 00	07.28 22 00	07.28 32 00	-	-	191 x 235 x 149
42TE	07.42 12 00	07.42 22 00	07.42 32 00	-	-	265 x 235 x 149

* Length without lid

** Enclosure length is equal to connection compartment depth

EMC version: product group 70.xx xx xx

Profitronic 19U

Product range

Type	19" mounting frame with transparent cover	Dimensions W x L x H (mm)	Front plate lid	Dimensions W x L x H (mm)
Enclosure with connection compartment (63,5 mm)				
19TE	07.19 21 11	148 x 285 x 241	07.19 31 11	148 x 280 x 241
28TE	07.28 21 11	191 x 285 x 241	07.28 31 11	191 x 280 x 241
42TE	07.42 21 11	265 x 285 x 241	07.42 31 11	265 x 280 x 241
Enclosure without connection compartment				
19TE	07.19 22 11	148 x 263,5 x 149	07.19 32 11	148 x 258,5 x 149
28TE	07.28 22 11	191 x 263,5 x 149	07.28 32 11	191 x 258,5 x 149
42TE	07.42 22 11	265 x 263,5 x 149	07.42 32 11	265 x 258,5 x 149

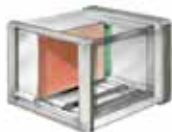
EMC version: product group 70.xx xx xx

Accessories

			Order No.	19	19U
External fixing for enclosure with connection compartment (set 2 pcs.)			07.00 01 00	•	•
External fixing for enclosure without connection compartment (set 2 pcs.)			07.00 02 00	•	•
Special lock with socket wrench for connection compartment (mounted)			07.00 00 17	•	•
Turning handle for transparent cover (mounted)			07.00 00 18	•	•
Cylinder lock for transparent cover (mounted)			07.00 00 19	•	•
Board guides for PCB's, fixed (set 10 pcs.)			07.00 00 10		
Board guides for PCB's, variable (set 10 pcs.)			07.00 00 11		
Insulating strip to fix bus boards (set 2 pcs.)	Type	07.19	07.19 00 20	•	
		07.28	07.28 00 20	•	
		07.42	07.42 00 20	•	
Aluminium profile (Z-rails) to fix connector bars (set 2 pcs.)	Type	07.19	07.19 00 10	•	
		07.28	07.28 00 10	•	
		07.42	07.42 00 10	•	
Mounting plate for connection compartment	Type	07.19	07.19 00 30	•	•
		07.28	07.28 00 30	•	•
		07.42	07.42 00 30	•	•
Table feet (set, self adhesive, black)			10.07 00 19	•	•
Mounting feet (2 pcs.), grey			07.70 00 81		

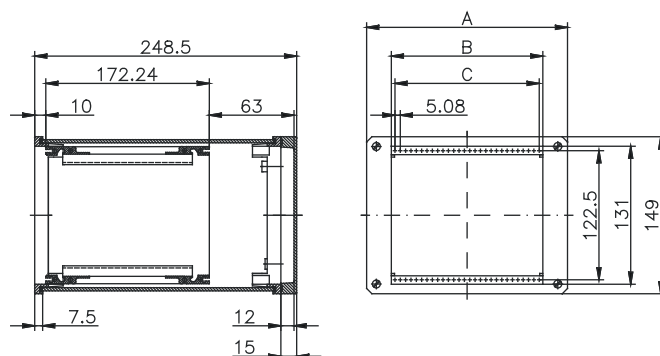
Profitronic 19 / Profitronic 19 universal

Abmessungen Profitronic 19



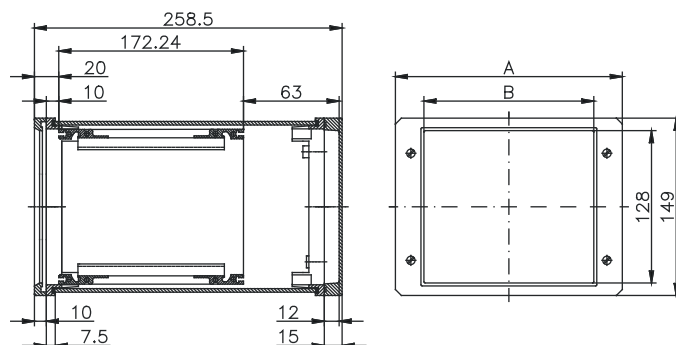
Enclosure without connection compartment / 19" mounting frame

Type	Order No.	Weight (g)	Dimensions		
			A	B	C
19TE	07.19 12 00	1360	148	98	18 x 5,08 = 91,44
28TE	07.28 12 00	2000	191	144	27 x 5,08 = 137,16
42TE	07.42 12 00	3000	265	215	41 x 5,08 = 208,28



Enclosure without connection compartment / front plate lid

Type	Order No.	Weight (g)	Dimensions	
			A	B
19TE	07.19 32 00	1660	148	100
28TE	07.28 32 00	2450	191	143
42TE	07.42 32 00	3600	265	217



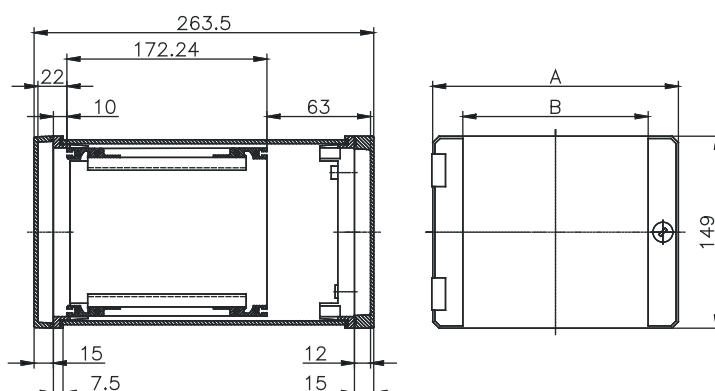
Profitronic 19 / Profitronic 19 universal

Dimensions Profitronic 19



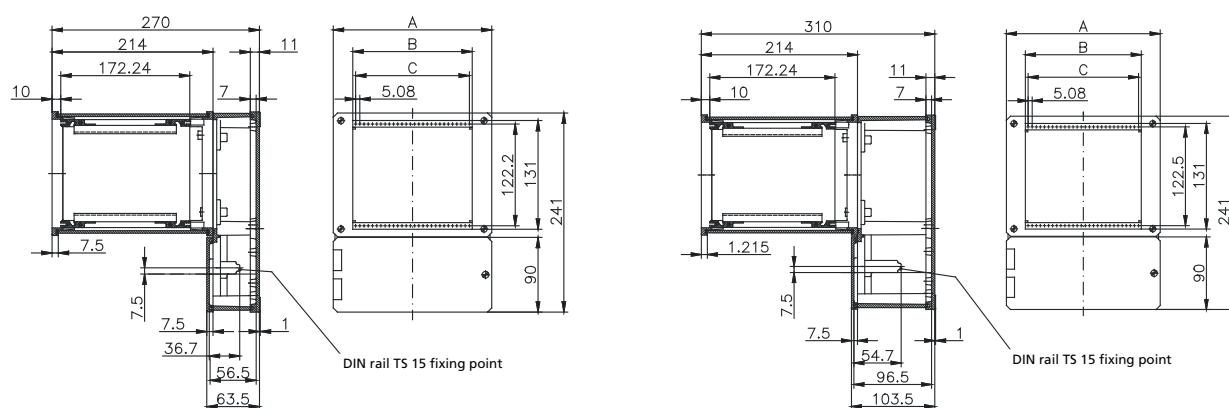
Enclosure without connection compartment / 19" mounting frame with transparent cover

Type	Order No.	Weight (g)	Dimensions	
			A	B
19TE	07.19 22 00	1500	148	101
28TE	07.28 22 00	2200	191	144
42TE	07.42 22 00	3300	265	218



Enclosure with connection compartment / 19" mounting frame

Type	Order No.	Weight (g)	Dimensions		
			A	B	C
Connection compartment standard					
19TE	07.19 11 00	2240	148	98	18 x 5,08 = 91,44
28TE	07.28 11 00	3300	191	144	27 x 5,08 = 137,16
42TE	07.42 11 00	6820	265	215	41 x 5,08 = 208,28
Connection compartment deep					
19TE	07.19 11 01	3000	148	98	18 x 5,08 = 91,44
28TE	07.28 11 01	4000	191	144	27 x 5,08 = 137,16
42TE	07.42 11 01	6000	265	215	41 x 5,08 = 208,28



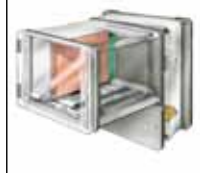
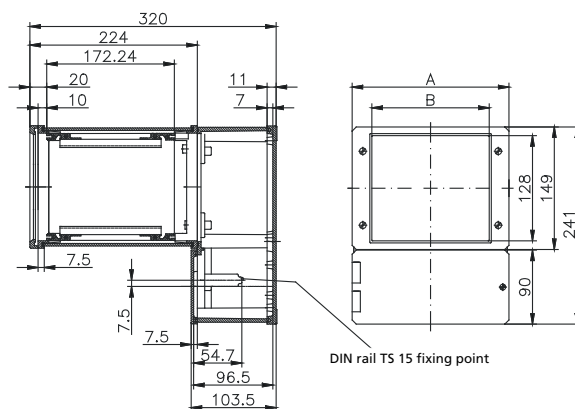
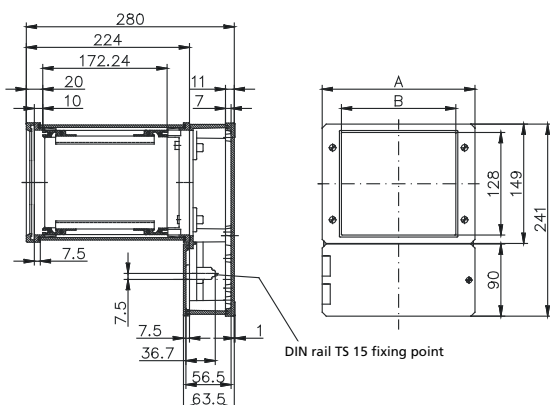
Profitronic 19 / Profitronic 19 universal

Abmessungen Profitronic 19



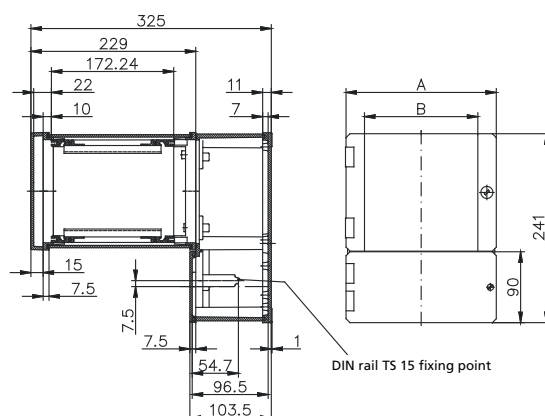
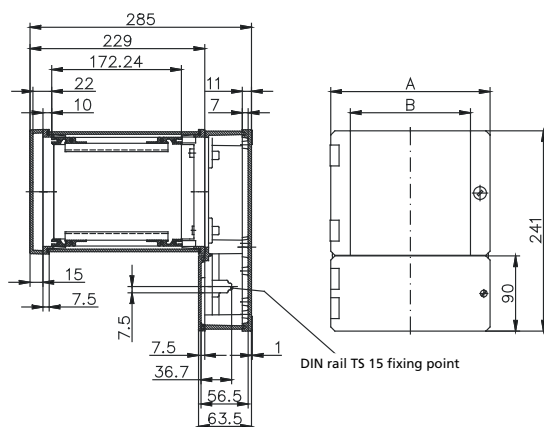
Enclosure with connection compartment / front plate lid

Type	Order No.	Weight (g)	Dimensions	
			A	B
Connection compartment standard				
19TE	07.19 31 00	2540	148	100
28TE	07.28 31 00	3750	191	143
42TE	07.42 31 00	5600	265	217
Connection compartment deep				
19TE	07.19 31 01	4400	148	100
28TE	07.28 31 01	5200	191	143
42TE	07.42 31 01	6400	265	217



Enclosure with connection compartment / 19" mounting frame with transparent cover

Type	Order No.	Weight (g)	Dimensions	
			A	B
Connection compartment standard				
19TE	07.19 21 00	2400	148	101
28TE	07.28 21 00	4500	191	144
42TE	07.42 21 00	5300	265	218
Connection compartment deep				
19TE	07.19 21 01	3000	148	101
28TE	07.28 21 01	4200	191	144
42TE	07.42 21 01	6000	265	218



Profitronic 19 / Profitronic 19 universal

Abmessungen Profitronic 19

	Enclosure with connection compartment / front plate lid				
	Type	Order No.	Weight (g)	Dimensions	
				A	B
	Connection compartment standard				
	19TE	07.19 33 00	1000	148	94
	28TE	07.28 33 00	1100	191	137
	42TE	07.42 33 00	1200	265	211
	Connection compartment deep				
	19TE	07.19 33 01	1450	148	94
	28TE	07.28 33 01	1660	191	137
	42TE	07.42 33 01	1900	265	211
	Enclosure with connection compartment / front plate lid with transparent cover				
	Type	Order No.	Weight (g)	Dimensions	
				A	B
	Connection compartment standard				
	19TE	07.19 23 00	1200	148	101
	28TE	07.28 23 00	1250	191	144
	42TE	07.42 23 00	1400	265	218
	Connection compartment deep				
	19TE	07.19 23 01	1600	148	101
	28TE	07.28 23 01	1820	191	144
	42TE	07.42 23 01	2100	265	218

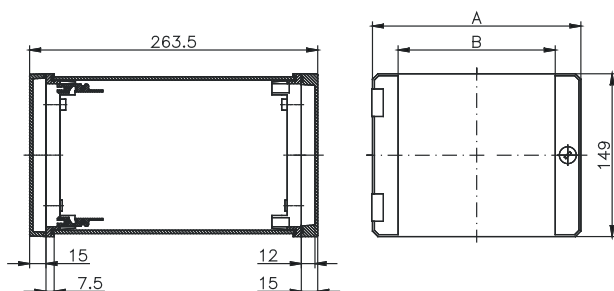
Profitronic 19 / Profitronic 19 universal

Abmessungen Profitronic 19U



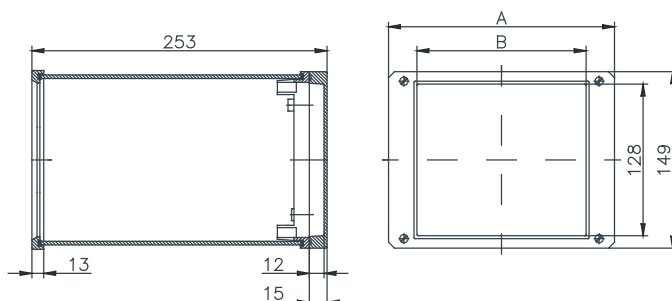
Enclosure without connection compartment / 19" mounting frame with transparent cover

Width (type)	Order No.	Weight (g)	Dimensions	
			A	B
96,5 (19TE)	07.19 22 11	1500	148	101
142,2 (28TE)	07.28 22 11	2200	191	144
213,3 (42TE)	07.42 22 11	3300	265	218



Enclosure without connection compartment / front plate lid

Width (type)	Order No.	Weight (g)	Dimensions	
			A	B
96,5 (19TE)	07.19 32 11	1660	148	100
142,2 (28TE)	07.28 32 11	2450	191	143
213,3 (42TE)	07.42 32 11	3600	265	217



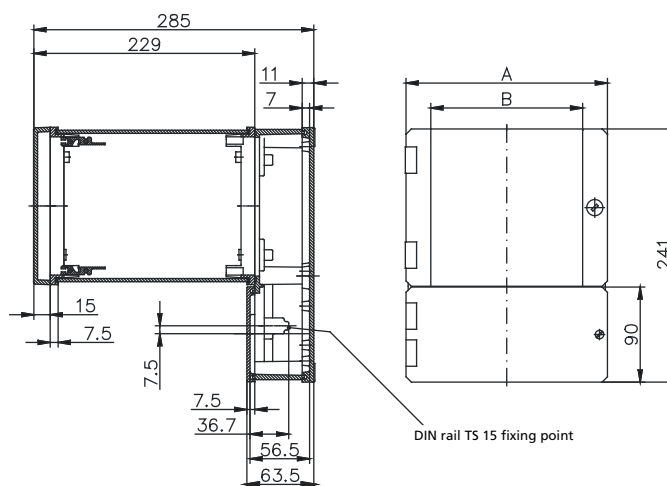
Profitronic 19 / Profitronic 19 universal

Abmessungen Profitronic 19U



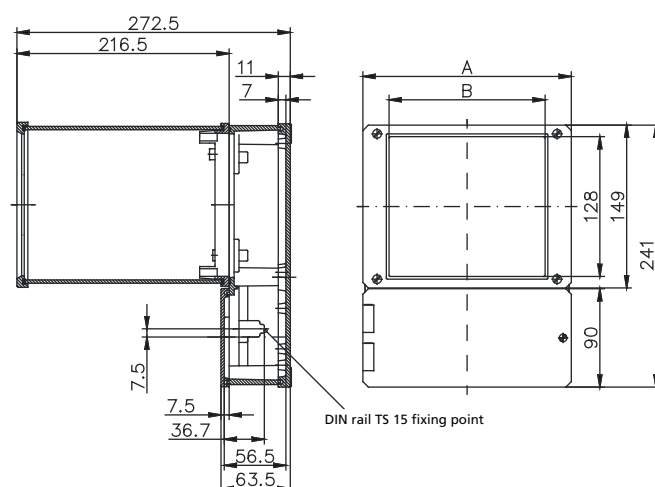
Enclosure with connection compartment / 19" mounting frame with transparent cover

Width (type)	Order No.	Weight (g)	Dimensions	
			A	B
96,5 (19TE)	07.19 21 11	2200	148	98
142,2 (28TE)	07.28 21 11	3500	191	144
213,3 (42TE)	07.42 21 11	5300	265	215



Enclosure with connection compartment / front plate lid

Width (type)	Order No.	Weight (g)	Dimensions	
			A	B
96,5 (19TE)	07.19 31 11	2540	148	100
142,2 (28TE)	07.28 31 11	3750	191	143
213,3 (42TE)	07.42 31 11	5600	265	217



Pult-Profitronic



- Aluminium electronic enclosure for console applications
- Variable length version using profile technology
- Enclosure with integrated guide grooves for PCBs

Technical data

Material:

Enclosure body: DIN EN 573 EN AW-AlMgSi

Sides: diecast aluminium

Ingress protection:

IP 65 to EN 60529

Colour:

RAL 7035, light grey

Painting:

Powder coating

Temperature range:

-40°C to +80°C

Included in delivery

Enclosure system with 2 cast aluminium lids and front plate screwed

Pult-Profitronic

Product range

Type	Order No.	External enclosure dimensions* W x L x H (mm)	max. PCB dimensions (mm)	Weight (g)
	07.04 14 24	201 x 241 x 121/47,5	100 / 189	3200
	07.04 14 36	201 x 362 x 121/47,5	100 / 189	4860
	07.04 14 48	201 x 483 x 121/47,5	100 / 189	6480

EMC version: product group 70.xx xx xx

Accessories

Clamps (10 pcs.)	07.83 00 00
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Dimensions

