



- Aluminium diecast enclosure for MCR and automation technology
- Prepared for acceptance for front membranes and keypads
- Rectangular dome sequence in lid and base
- NEW: 3 new dimensions

Technical Data

Material:

DIN EN 1706 EN AC-ALSi 12 (Fe)

Painting

Powder coating

Colour:

RAL 7038, agate grey

Special colour on request

Ingress protection:

IP 66 to EN 60529

Higher protection on request

Impact resistance:

7 Joule to EN 60079-0

Temperature range:

PU-(polyurethane) seal (standard):
-40°C to +90°C

CR-(chloroprene) seal:
-40°C to +100°C

VMQ-(silicone) seal (optional):
-60°C to +130°C

Included in delivery

Aluminium diecast enclosure consisting of lid, seal incl. captive +/- stainless steel screws, base with 4 earthing screws

Aluform

Product range

Order No.	W x L x H (mm)	Mounting plate	DIN rail TS 15	DIN rail TS 35	External mounting brackets (pair)
04.08 12 05	80 x 120 x 51	10.01 10 61			04.00 00 80
04.15 18 08	150 x 180 x 81	10.01 10 70	on request	on request	
04.28 28 11	280 x 280 x 111	10.01 10 71	10.06 10 48	10.06 14 81	

Accessories

Enclosure type	DIN rail for terminals		Mounting plate	External mounting brackets pair	External aluminium hinge, pair ³⁾ , ⁴⁾	EMC screening	SWB/SBG/ SBGL Corrosion protection	Allen lid screws ²⁾	Silicone lid seal up to +130°C	Sealable lid screws in steel	Lid safety strip
	TS 15	TS 35	¹⁾								
04.08 12 05			•	•	•	•	•	•	•	•	•
04.15 18 08	•	•	•		•	•	•	•	•	•	•
04.28 28 11	•	•	•		•	•	•	•	•	•	•

¹⁾ Laminated paper

²⁾ Stainless steel

³⁾ Diecast aluminium

⁴⁾ Please quote the installation side A-D when ordering

Terminal mounting

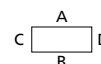
Make	Phoenix																Earth connection as required
DIN rail TS 15	X	X	X														
DIN rail TS 35				X	X	X	X	X	X	X	X						
Voltage (V)	250	500	500	500	800	800	800	800	800	800	1000						
Current (A)	24	24	32	17,5	24	24	32	41	57	76	150						
Nom. cross section (mm²)	2,5	2,5	4	1,5	2,5	2,5	4	6	10	16	35						
Terminal width (mm)	5,2	5,2	6,2	4,2	5,2	5,2	6,2	8,2	10,2	12,2	15,2						
Terminal type																	
Type	MBK 2,5 E	MBK 3 / E-Z	MBK 5 / E-Z	UK 1,5 N	UK 2,5 N	UK 3 N	UK 5 N	UK 6 N	UK 10 N	UK 16 N	UK 35						
04.08 12 05																	
04.15 18 08	26	26	22	30	24	24	20	15	12	7							
04.28 28 11	45	45	38	54	44	44	36	27	22	18	15						

Make	Weidmüller																Earth connection as required
DIN rail TS 15	X	X	X	X													
DIN rail TS 35					X	X	X	X	X	X	X						
Voltage (V)	250	250	400	400	800	500	800	800	1000	690	690						
Current (A)	17,5	24	32	17,5	24	24	32	41	57	66	109						
Nom. cross section (mm²)	1,5	2,5	4	1,5	2,5	2,5	4	6	10	16	35						
Terminal width (mm)	5,1	5,1	6,1	3,5	5,1	5,1	6,1	7,9	9,9	11,9	16						
Terminal type																	
Type	AKZ 1,5	AKZ 2,5	AKZ 4	WDU 1,5 / R 3,5	WDU 2,5	WDU 2,5 N	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35						
04.08 12 05																	
04.15 18 08	24	24	20	36	25	25	21	16	9	9	9						
04.28 28 11	43	43	38	54	44	44	36	27	22	19	15						

Type: **04.08 12 05**External dimensions: **80 x 120 x 51 mm**

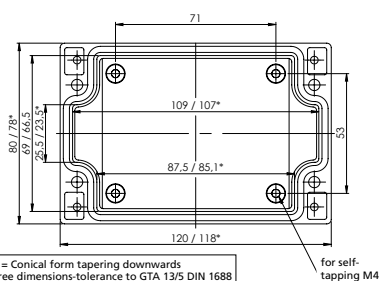
DIN rail length in mm	max. fitting length in mm	Mounting plate (thickness in mm)	External mounting brackets	External hinge* set	EMC version	SWB / SBG / SBGL corrosion protection	Allen lid screws	Silicone lid seal	Sealable lid screws in steel	Lid safety strip
			•	•	•	•	•	•	•	•

Max. Bestückungsmöglichkeit für Kabelverschraubungen nach DIN 50262*

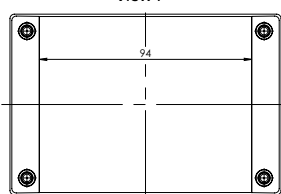


M	Corner dim.	Side		PG	Corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	6	1	7	17,25	6	1
16	25,30	3	1	9	21,85	4	1
20	27,60	3		11	25,30	3	
25	37,95			13,5	27,60	3	
32	48,30			16	31,05		
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Lid



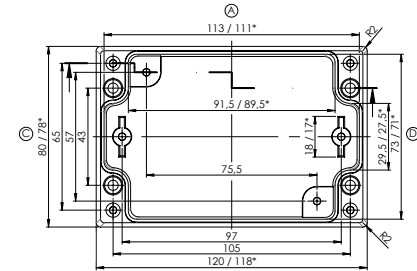
View F



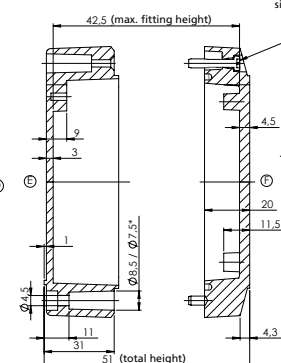
Cylinder screw M4x20/7 similar to DIN 84

* = Conical form tapering downwards
Free dimensions-tolerance to GTA 13/5 DIN 1688

for self-tapping M4

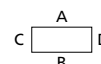


Base

Type: **04.15 18 08**External dimensions: **150 x 180 x 81 mm**

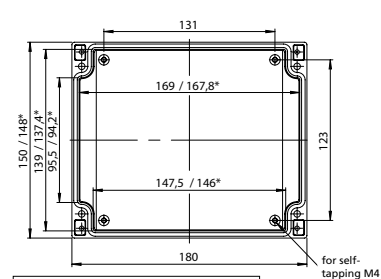
DIN rail length in mm	max. fitting length in mm	Mounting plate (thickness in mm)	External mounting brackets	External hinge* set	EMC version	SWB / SBG / SBGL corrosion protection	Allen lid screws	Silicone lid seal	Sealable lid screws in steel	Lid safety strip
TS 15			•	•	•	•	•	•	•	•

Max. Bestückungsmöglichkeit für Kabelverschraubungen nach DIN 50262*

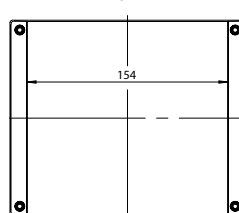


M	Corner dim.	Side		PG	Corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	24	15	7	17,25	24	15
16	25,30	12	8	9	21,85	14	9
20	27,60	10	6	11	25,30	12	8
25	37,95	4	3	13,5	27,60	10	6
32	48,30	3	2	16	31,05	7	4
40	60,95			21	37,95	4	3
50	69,00			29	48,30	3	2
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Lid



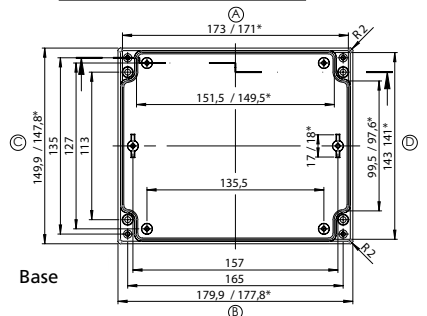
View F



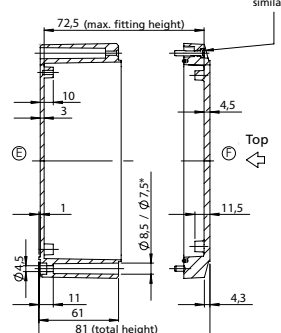
Cylinder screw M4x20/7 similar to DIN 84

* = Conical form tapering downwards
Free dimensions-tolerance to GTA 13/5 DIN 1688

for self-tapping M4



Base



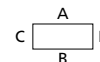
* Please quote mounting side

Type: **04.28 28 11**

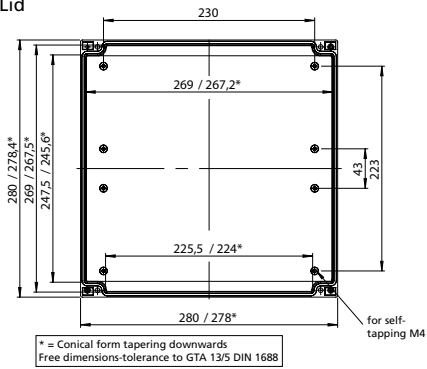
External dimensions: **280 x 280 x 111 mm**

		DIN rail length in mm	
		max. fitting length in mm	
		Mounting plate (thickness in mm)	
	•	External mounting brackets	
	•	External hinge* set	
	•	EMC version	
	•	SWB / SBG / SBGL corrosion protection	
	•	Allen lid screws	
	•	Silicone lid seal	
	•	Sealable lid screws in steel	
	•	Lid safety strip	

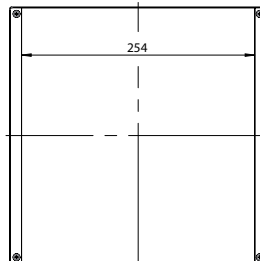
Max. Bestückungsmöglichkeit
für **Kabelverschraubungen**
nach **DIN 50262***



Lid

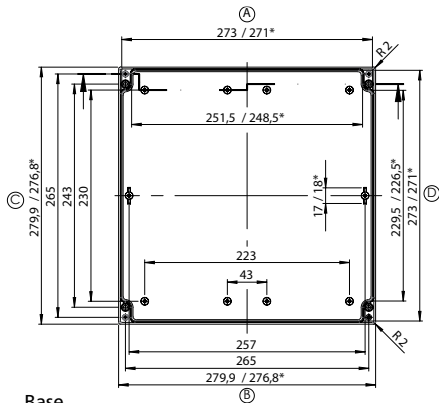


View F

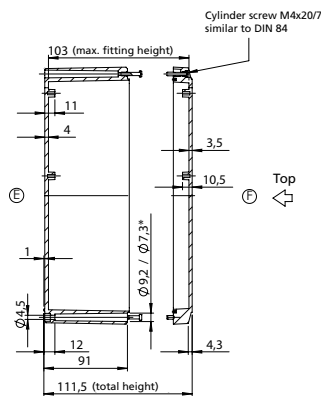


* = Conical form tapering downwards
Free dimensions-tolerance to GTA 13/5 DIN 1688

tapping M4



Base



M	Corner dim.	Side		PG	Corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	70	65	7	17,25	70	65
16	25,30	30	27	9	21,85	44	40
20	27,60	27	24	11	25,30	30	27
25	37,95	12	12	13,5	27,60	27	24
32	48,30	8	7	16	31,05	21	20
40	60,95	4	4	21	37,95	12	12
50	69,00	4	3	29	48,30	7	6
63	74,75	3	3	36	60,95	4	4
				42	69,00	3	3
				48	74,75	3	3

* Please quote mounting side