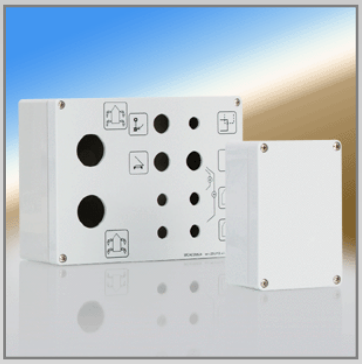
BOPLA

A Phoenix Mecano Company

Polycarbonate Watertight V0

Industrial Enclosure System



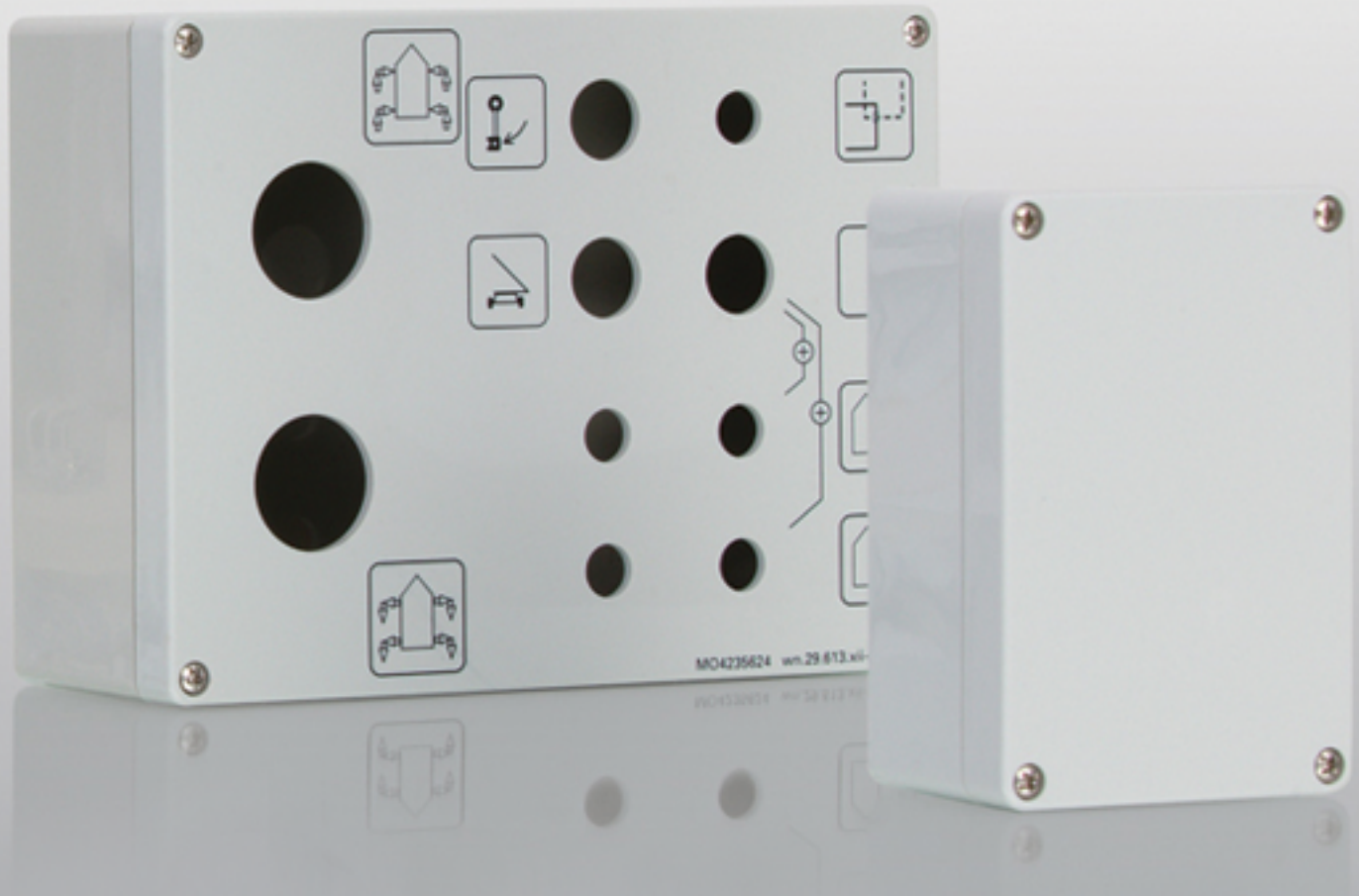
For Finishing Services, Product Support, or to Order

Call 1-301-696-9800

Polycarbonate Watertight V0

The enclosure line with IP 65 ingress protection, manufactured using high-quality polycarbonate UL 94 V0 material, offers optimal protection for your electronic components.

19 different enclosure sizes and a wide range of accessories permit the fitting of products from terminals (available as accessories) to high-value electronics.



Enclosure material: Polycarbonate UL 94 V0
Color: Light grey, similar to RAL 7035. Special colors on request.
Scope of delivery: Upper and lower section; lid screws made of V2A; self-tapping screws for mounting bosses.
Ingress protection: IP65/DIN EN 60529; increased protection up to IP x7 on request.
Lid seal: Sponge cord (neoprene) in lid groove.

Accessories (additional charge):

M: Mounting plate, laminated paper (Pertinax),
RD: Set of knurled screws = 4 pcs
F: Set of rubber feet = 4 pcs
WL: Set of wall brackets = 4 pcs
TS 15: Top hat rail DIN EN 60715 TH15
TS 32: G-rail DIN EN 60715 G 32
TS 35: Top hat rail DIN EN 60715 TH35
SchM: Hinge for M/T

Lid with silicone seal on request.

Notes:

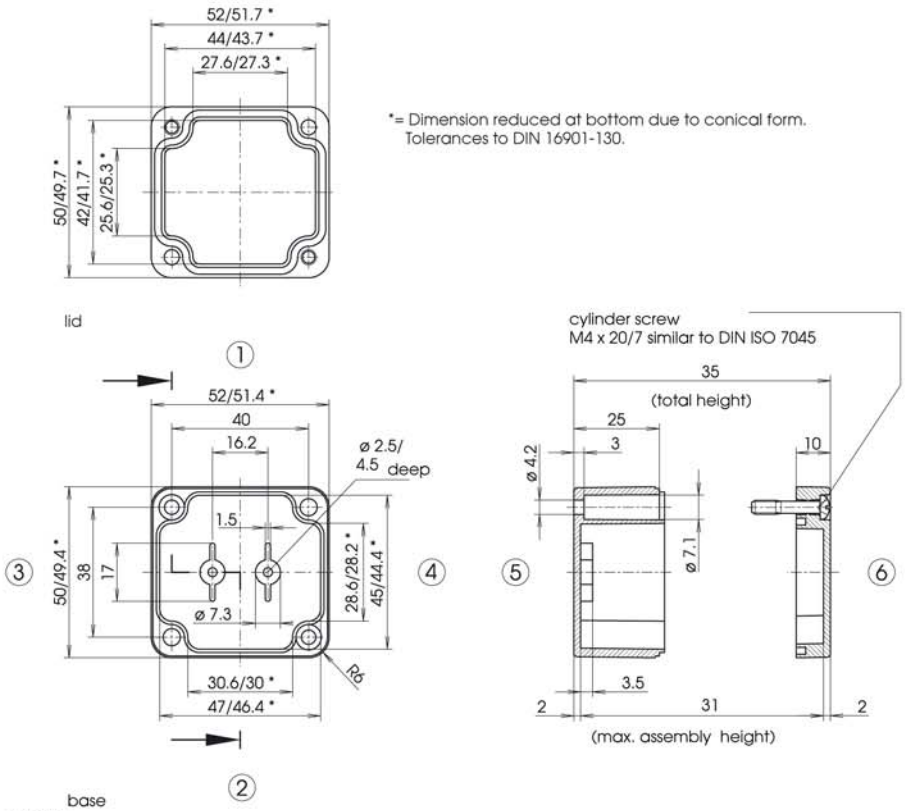
- We recommend fitting the mounting plate or the DIN-rails with the self-tapping screws (included with the enclosure).
- Threaded inserts are required for assembly with metric screws.

Polycarbonate V0 enclosures		External Dimensions		
Model	Part No.	L	W	H
V 205	02205094	52	50	35
V 206	02206094	65	50	35
V 208	02208094	98	64	36
V 210	02210094	82	80	55
V 215	02215094	120	80	55
V 217	02217094	122	120	55
V 220	02220094	160	80	55
V 221	02221094	200	120	75
V 223	02223094	200	150	75
V 225	02225094	82	80	85

Polycarbonate V0 enclosures		External Dimensions		
Model	Part No.	L	W	H
V 226	02226094	120	80	85
V 227	02227094	122	120	85
V 228	02228094	122	120	105
V 231	02231094	160	80	85
V 237	02237094	200	120	90
V 238	02238094	160	120	90
V 2401	02240294	240	160	90
V 242	02242094	240	120	100
V 255	02255094	360	200	150

Polycarbonate Watertight V0

V 205



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

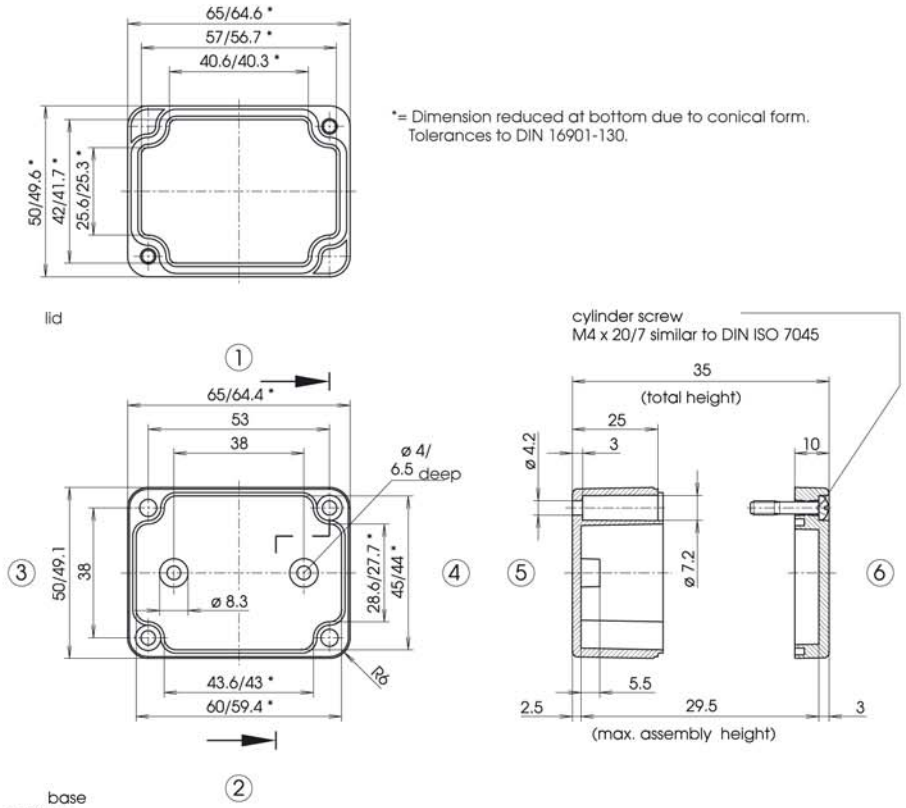
Z-2501098

Order designation

Polycarbonate enclosures	Order no.
V 205	02205094

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000100
TS 15: Top hat rail DIN EN 60715 TH15	22001800

V 206



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

Z-2501099

Order designation

Polycarbonate enclosures	Order no.
V 206	02206094

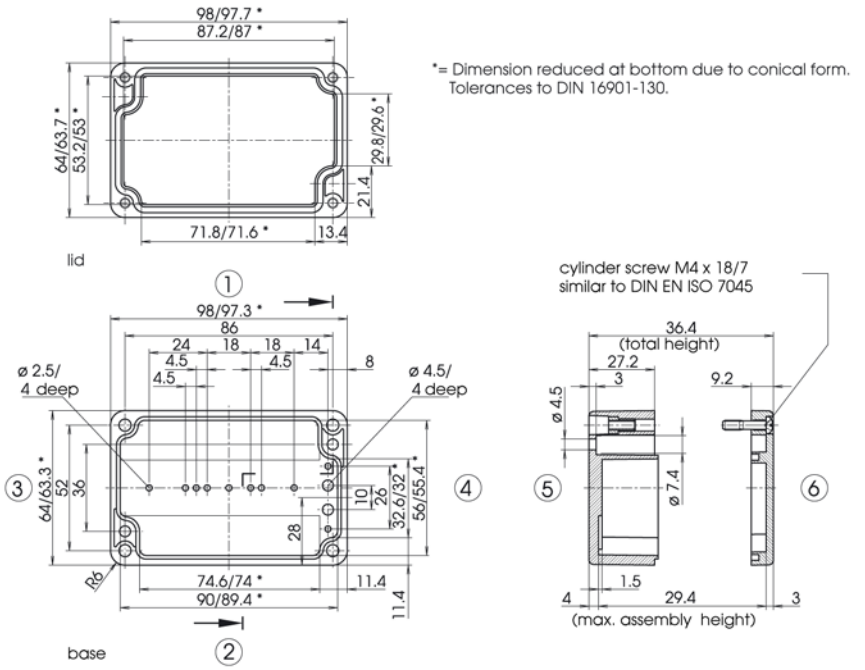
Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000200
TS 15: Top hat rail DIN EN 60715 TH15	22001710

For accessories see illustrations on pages 402.

V 208

Order designation Polycarbonate enclosure	Order no.
V 208	**02208094**

Accessories (additional charge)	Order no.
F: Set of rubber feet = 4 pcs	22003300



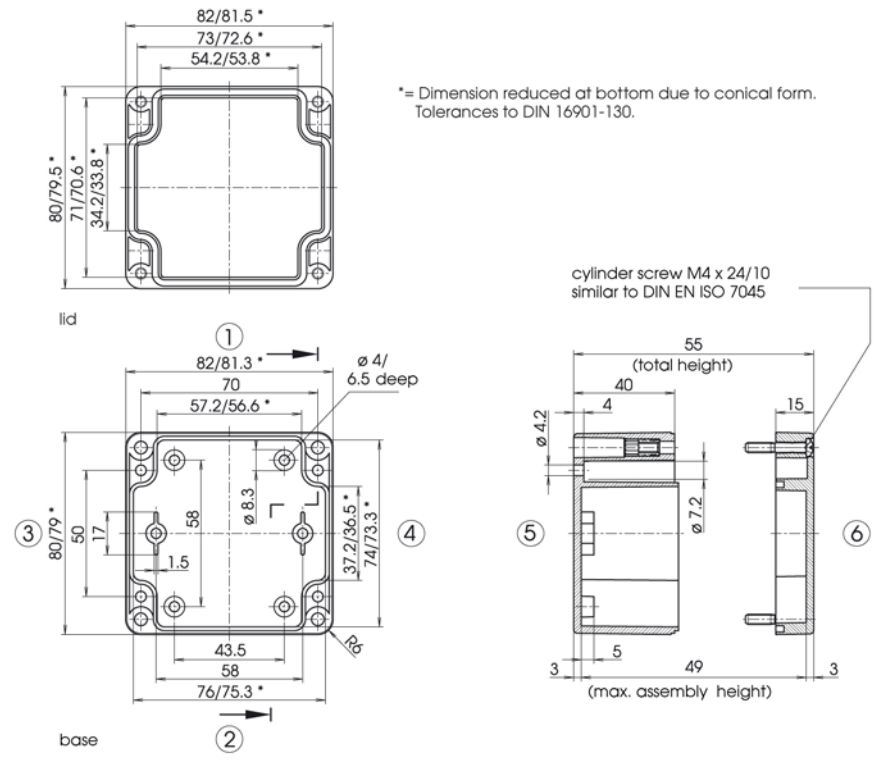
*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

Z-2501100

V 210

Order designation Polycarbonate enclosures	Order no.
V 210	**02210094**

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000300
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001700
TS 32: G-rail DIN EN 60715 G 32	22001701
TS 35: Top hat rail DIN EN 60715 TH35	22001702



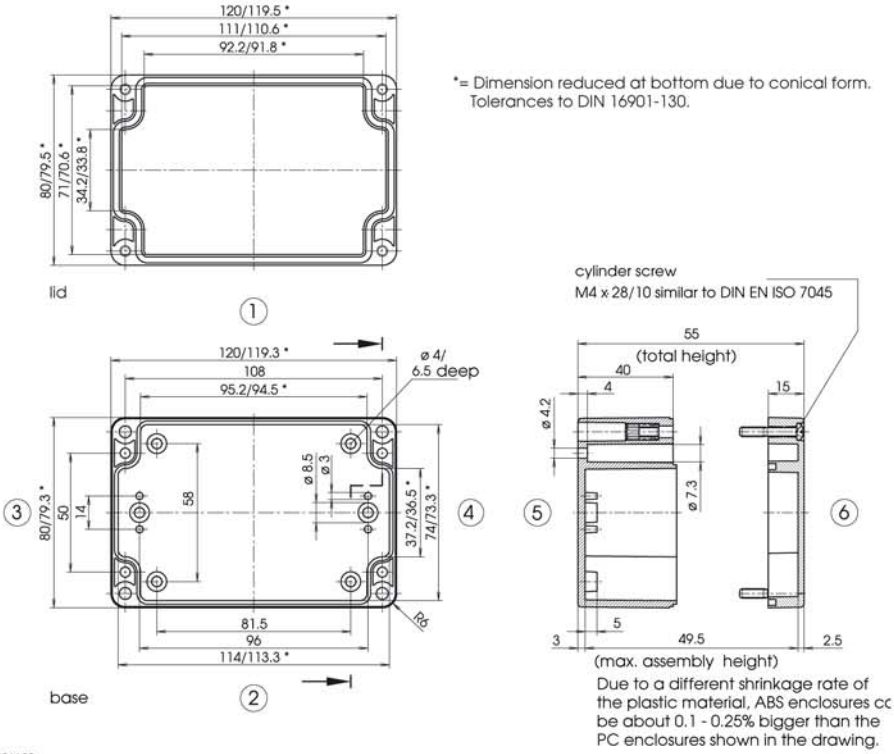
*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

Z-2501101

Processing (drilling, milling, printing) and terminal assignment on request.
All dimensions in mm. Please refer to technical data.

Polycarbonate Watertight V0

V 215



*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.

Due to a different shrinkage rate of the plastic material, ABS enclosures cc be about 0.1 - 0.25% bigger than the PC enclosures shown in the drawing.

Z-2501102

Order designation

Polycarbonate enclosures	Order no.
V 215	02115094

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000400
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001900
TS 35: Top hat rail DIN EN 60715 TH35	22001910

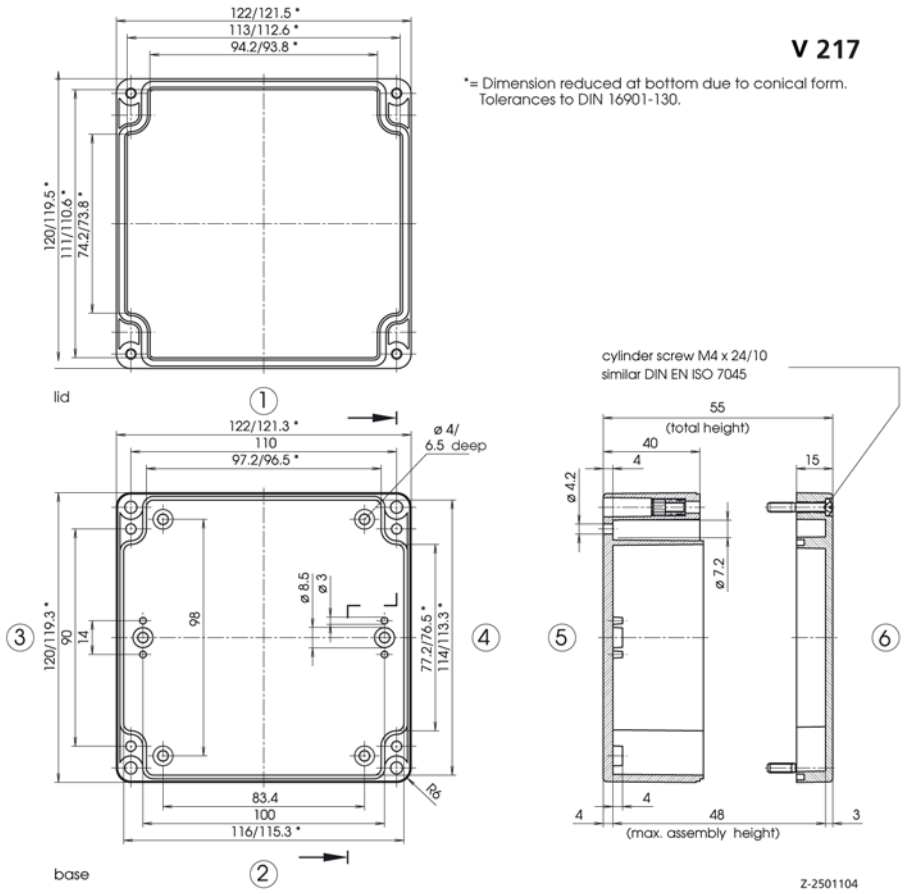
For accessories see illustrations on pages 402.

Order designation

Polycarbonate enclosures	Order no.
V 217	02117094

Accessories (additional charge)

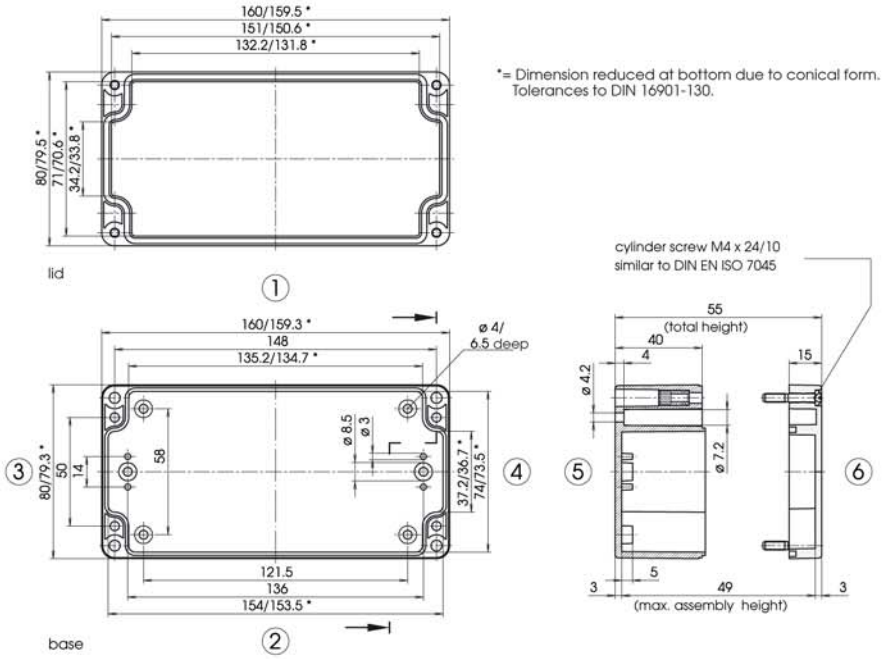
	Order no.
M: Mounting plate, 2.0 mm	22000500
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001900
TS 35: Top hat rail DIN EN 60715 TH35	22001910



Processing (drilling, milling, printing) and terminal assignment on request.
All dimensions in mm. Please refer to technical data.

Polycarbonate Watertight V0

V 220



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

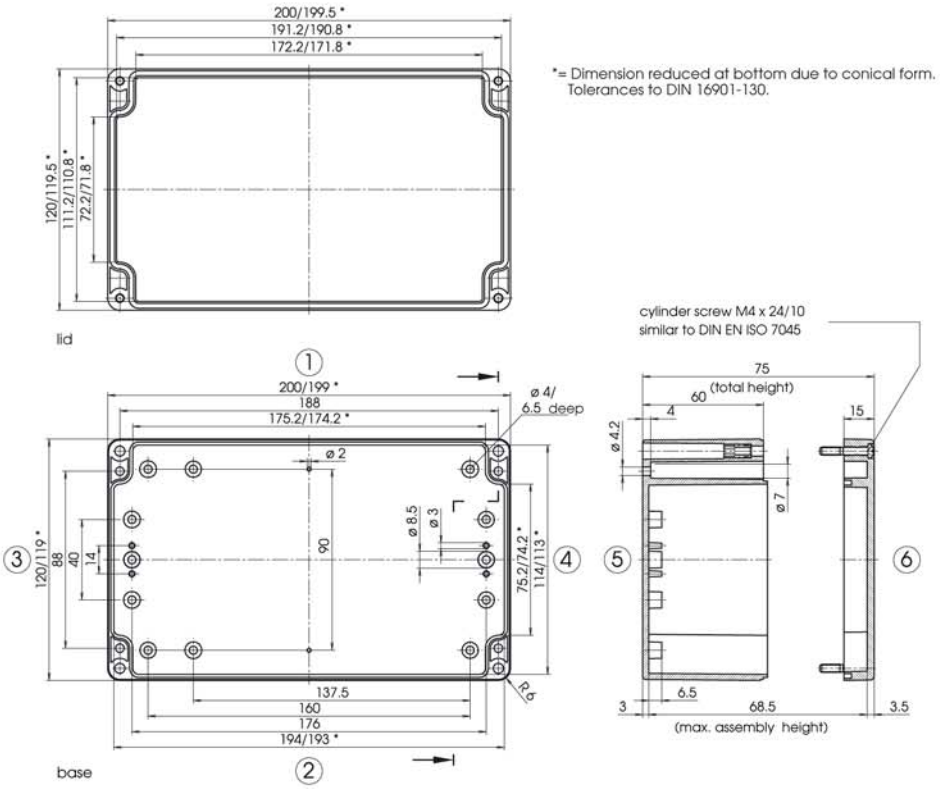
Order designation

Polycarbonate enclosures	Order no.
V 220	02220094

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000600
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002000
TS 32: G-rail DIN EN 60715 G 32	22002010
TS 35: Top hat rail DIN EN 60715 TH35	22002020

Z-2501106

V 221



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

Order designation

Polycarbonate enclosures	Order no.
V 221	02221094

Accessories (additional charge)	Order no.
M: Mounting plate, 2.0 mm	22000700
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002100
TS 32: G-rail DIN EN 60715 G 32	22002130
TS 35: Top hat rail DIN EN 60715 TH35	22002120

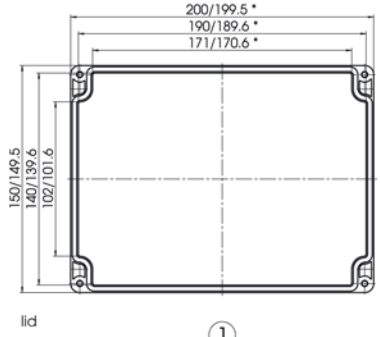
Z-2501107

For accessories see illustrations on pages 402.

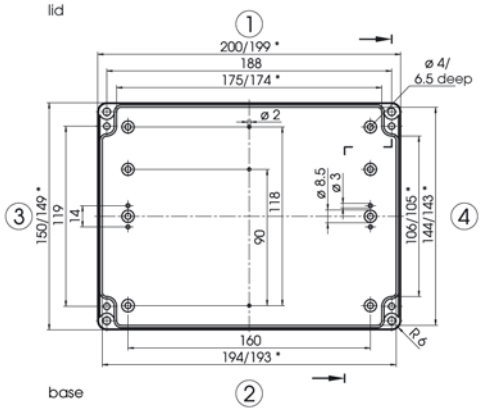
V 223

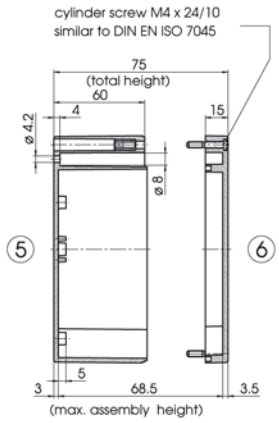
Order designation

Polycarbonate enclosures	Order no.
V 223	**02223094**



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.





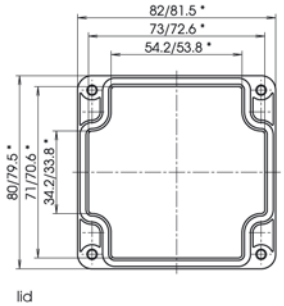
Accessories (additional charge)	Order no.
M: Mounting plate, 2.0 mm	22000800
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002105
TS 32: G-rail DIN EN 60715 G 32	22002110
TS 35: Top hat rail DIN EN 60715 TH35	22002115

Z-2501108

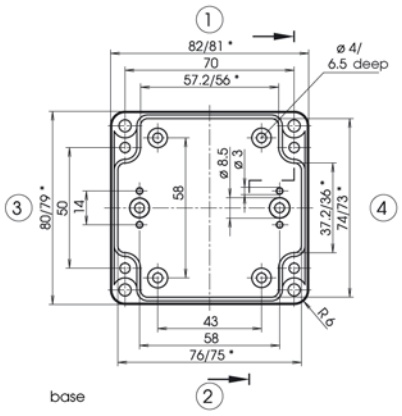
V 225

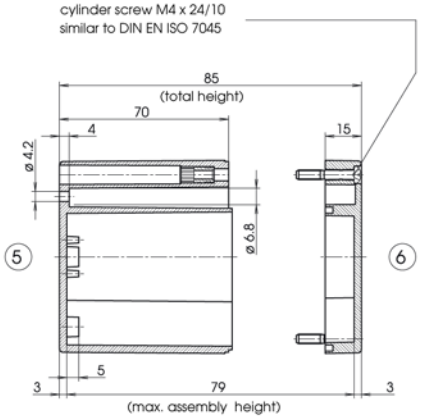
Order designation

Polycarbonate enclosures	Order no.
V 225	**02225094**



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.





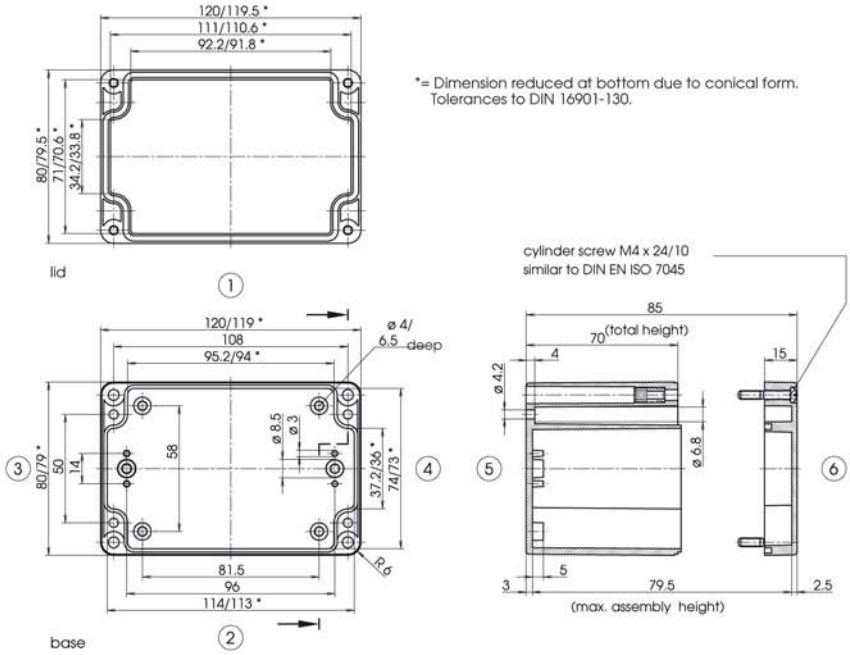
Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000300
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001700
TS 32: G-rail DIN EN 60715 G 32	22001701
TS 35: Top hat rail DIN EN 60715 TH35	22001702

Z-2501109

Processing (drilling, milling, printing) and terminal assignment on request.
All dimensions in mm. Please refer to technical data.

Polycarbonate Watertight V0

V 226



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

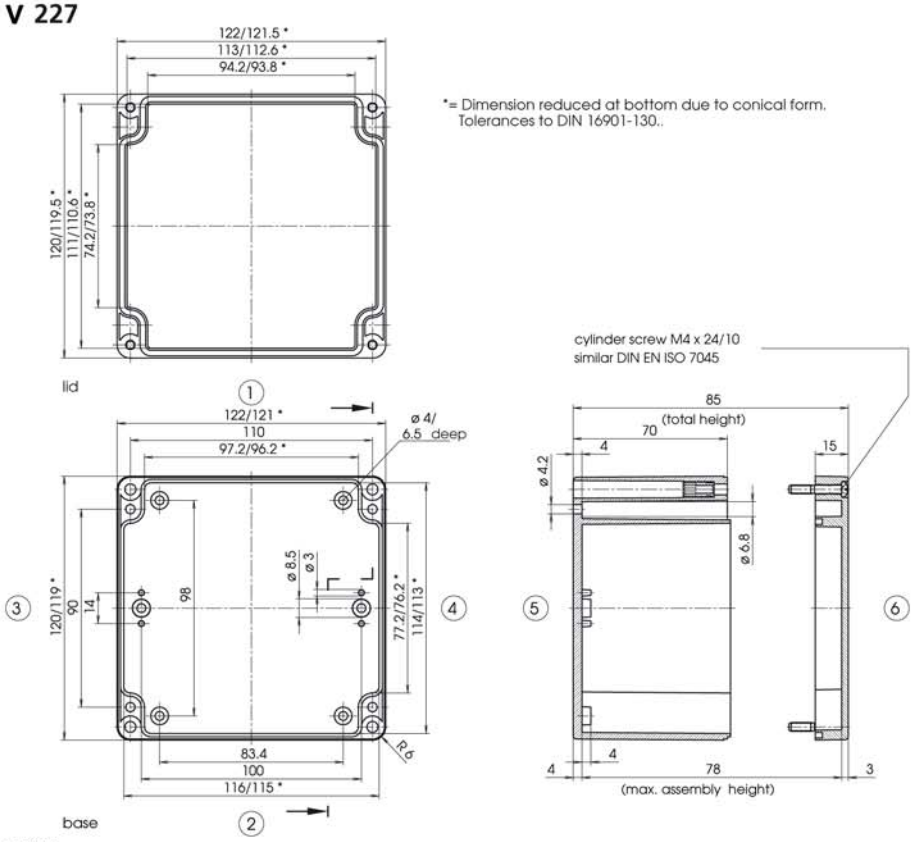
Order designation

Polycarbonate enclosures	Order no.
V 226	02226094

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000400
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001900
TS 35: Top hat rail DIN EN 60715 TH35	22001910

Z-2501110

V 227



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130..

Order designation

Polycarbonate enclosures	Order no.
V 227	02227094

Accessories (additional charge)	Order no.
M: Mounting plate, 2.0 mm	22000500
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001900
TS 35: Top hat rail DIN EN 60715 TH35	22001910

Z-2501111

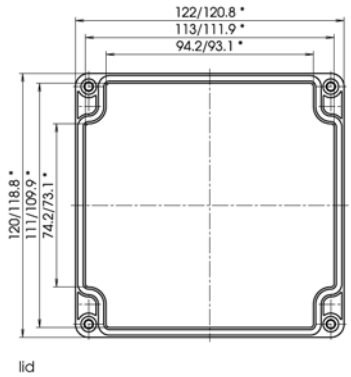
For accessories see illustrations on pages 402.

Order designation

Polycarbonate enclosures	Order no.
V 228	02228094

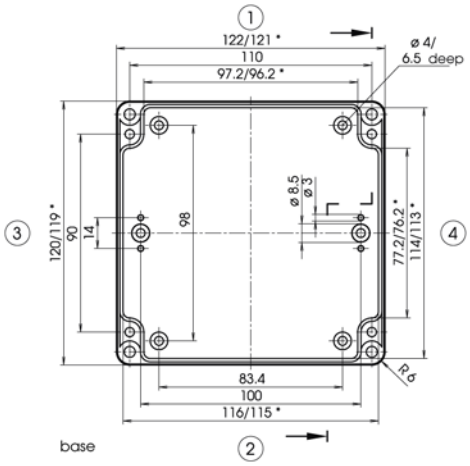
Accessories (additional charge)

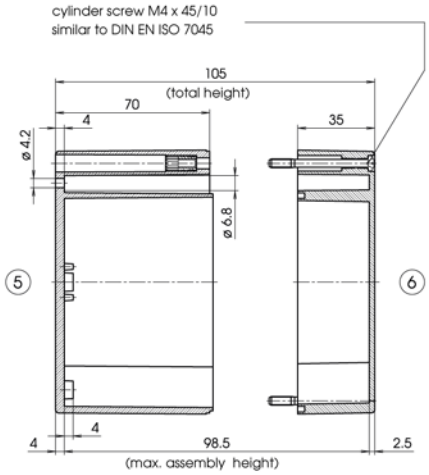
	Order no.
M: Mounting plate, 2.0 mm	22000500
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22001900
TS 35: Top hat rail DIN EN 60715 TH35	22001910



V 228

*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

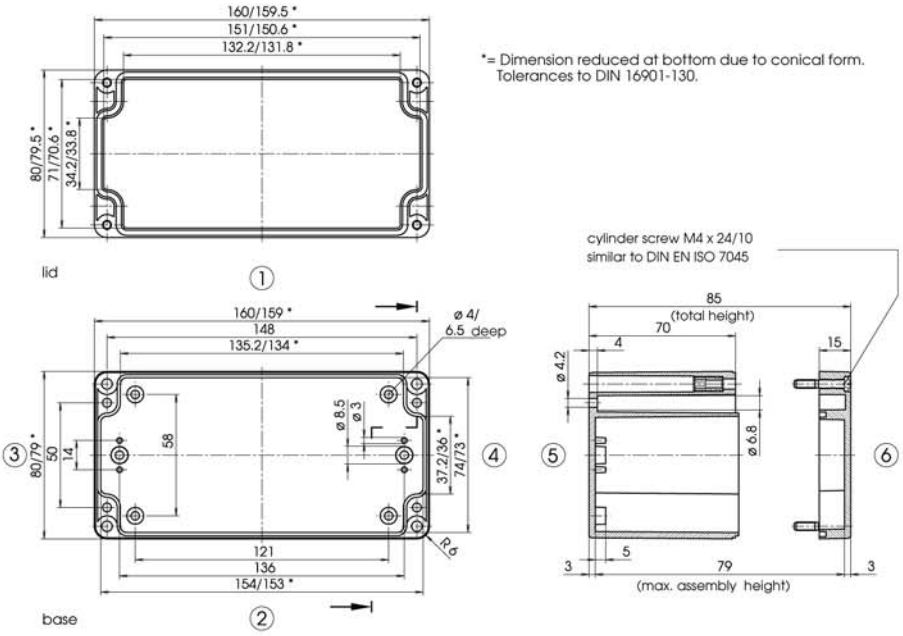




Z-2501112

Polycarbonate Watertight V0

V 231



*= Dimension reduced at bottom due to conical form.
Tolerances to DIN 16901-130.

Order designation Polycarbonate enclosures	Order no.
V 231	02231094

Accessories (additional charge)	Order no.
M: Mounting plate, 1.5 mm	22000600
RD: Set of knurled screws = 4 pcs	22003100
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002000
TS 32: G-rail DIN EN 60715 G 32	22002010
TS 35: Top hat rail DIN EN 60715 TH35	22002020

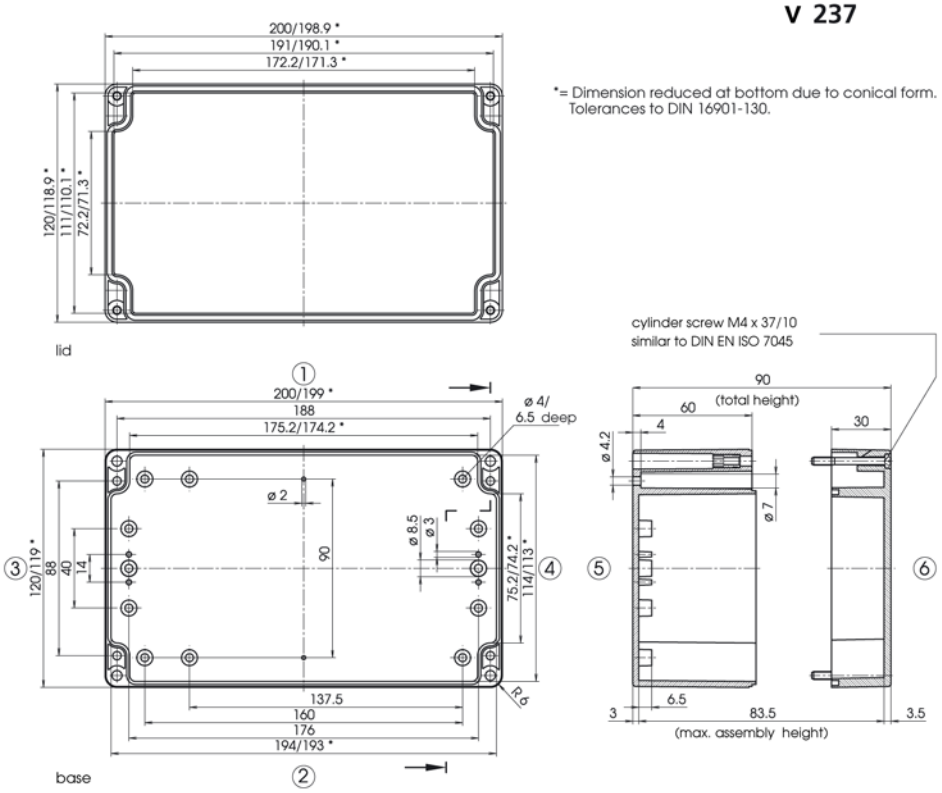
Z-2501114

For accessories see illustrations on pages 402.

V 237

Order designation	
Polycarbonate enclosures	**Order no.**
V 237	**02237094**

Accessories (additional charge)	**Order no.**
M: Mounting plate, 2.0 mm	**22000700**
F: Set of rubber feet = 4 pcs	**22003300**
WL: Set of wall brackets = 4 pcs	**22004900**
TS 15: Top hat rail DIN EN 60715 TH15	**22002100**
TS 32: G-rail DIN EN 60715 G 32	**22002130**
TS 35: Top hat rail DIN EN 60715 TH35	**22002120**



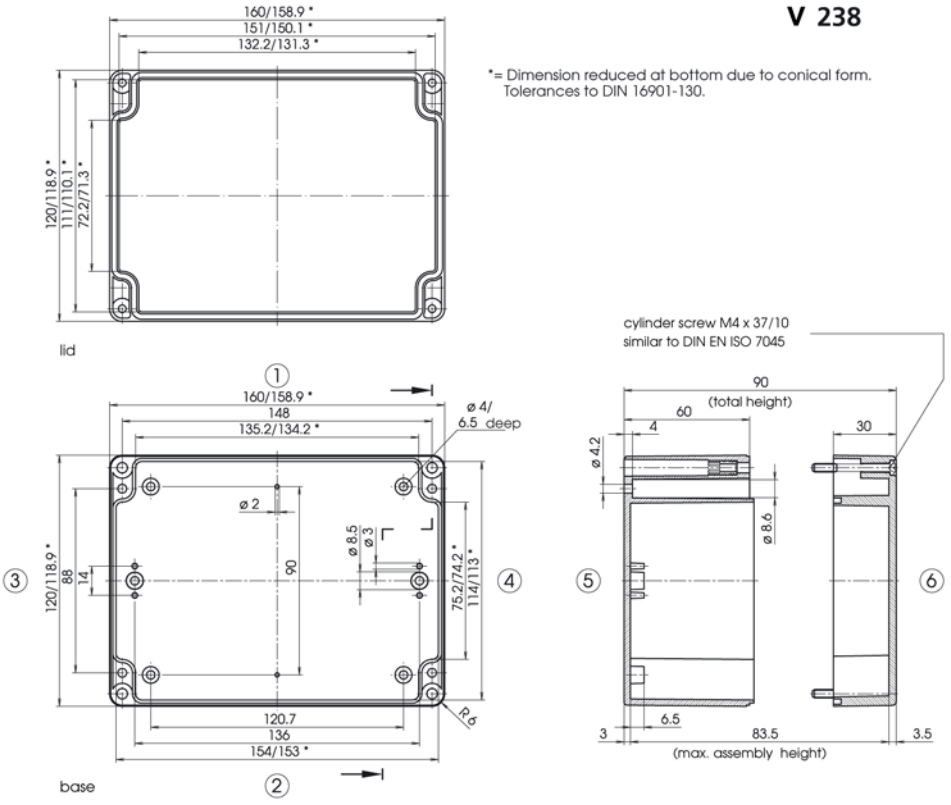
*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.

Z-2501116

V 238

Order designation	
Polycarbonate enclosures	**Order no.**
V 238	**02238094**

Accessories (additional charge)	**Order no.**
M: Mounting plate, 2.0 mm	**22001100**
F: Set of rubber feet = 4 pcs	**22003300**
WL: Set of wall brackets = 4 pcs	**22004900**
TS 15: Top hat rail DIN EN 60715 TH15	**22002000**
TS 32: G-rail DIN EN 60715 G 32	**22002010**
TS 35: Top hat rail DIN EN 60715 TH35	**22002020**



*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.

Z-2501117

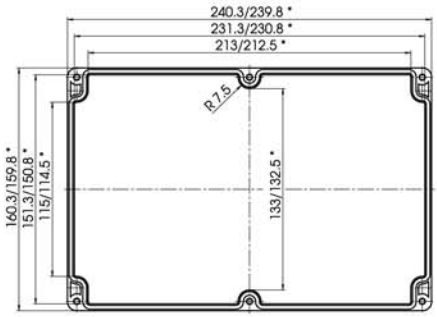
Processing (drilling, milling, printing) and terminal assignment on request.
All dimensions in mm. Please refer to technical data.

Polycarbonate Watertight V0

V 2401

Order designation

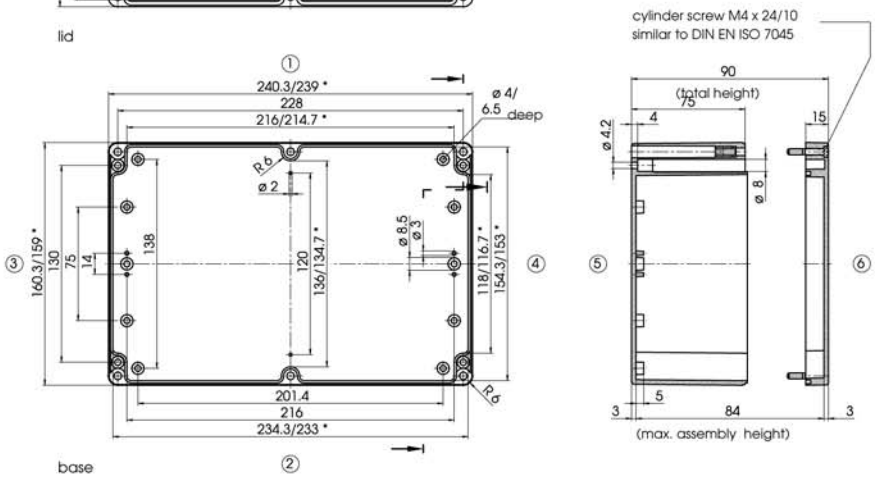
Polycarbonate enclosures	Order no.
V 2401	02240294



lid

*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.

Accessories (additional charge)	Order no.
M: Mounting plate, 2.5 mm	22001000
RD: Set of knurled screws = 4 pcs	22003200
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002402
TS 32: G-rail DIN EN 60715 G 32	22002400
TS 35: Top hat rail DIN EN 60715 TH35	22002401



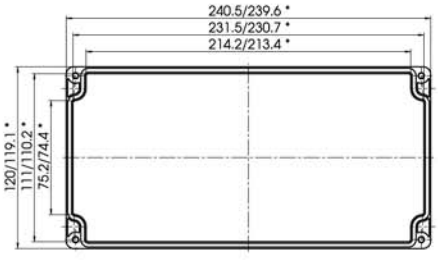
base

Z-2501119

V 242

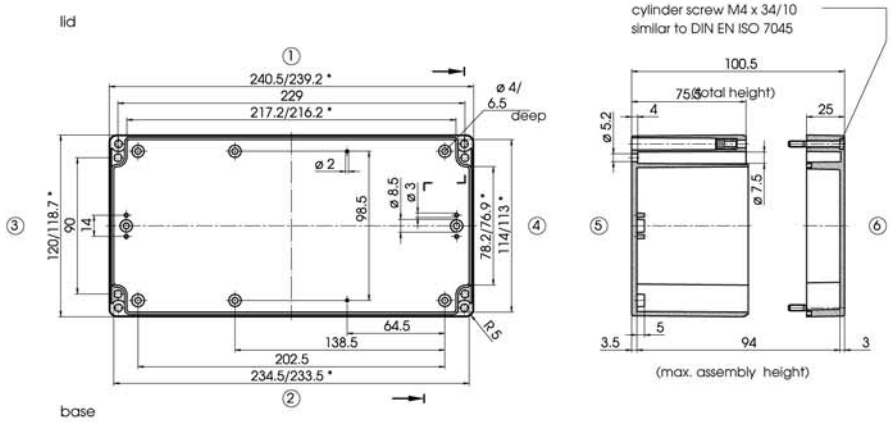
Order designation

Polycarbonate enclosures	Order no.
V 242	02242094



lid

*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.



base

Accessories (additional charge)	Order no.
M: Mounting plate, 2.0 mm	22001200
F: Set of rubber feet = 4 pcs	22003300
WL: Set of wall brackets = 4 pcs	22004900
TS 15: Top hat rail DIN EN 60715 TH15	22002402
TS 32: G-rail DIN EN 60715 G 32	22002400
TS 35: Top hat rail DIN EN 60715 TH35	22002401

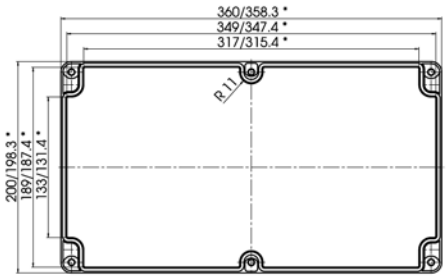
Z-2501121

For accessories see illustrations on pages 402.

V 255

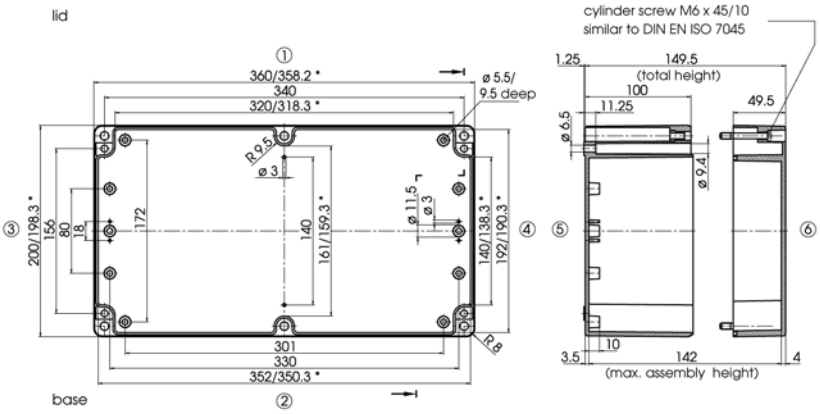
Order designation

Polycarbonate enclosures	Order no.
V 255	02255094



lid

*= Dimension reduced at bottom due to conical form. Tolerances to DIN 16901-130.

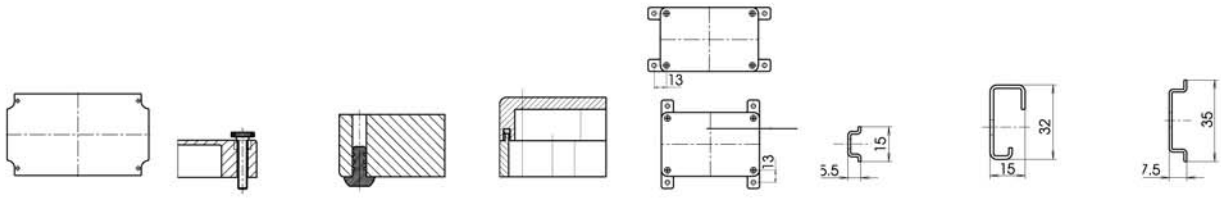


base

Accessories (additional charge)	Order no.
M: Mounting plate, 2.5 mm	22001600
F: Set of rubber feet = 4 pcs	22003300
TS 32: G-rail DIN EN 60715 G 32	22002950
TS 35: Top hat rail DIN EN 60715 TH35	22002951

Z-2501131

Processing (drilling, milling, printing) and terminal assignment on request.
All dimensions in mm.



Model	M	RD	F	SIL	WL	TS 15	TS 32	TS 35
205	22000100	–	–	–	–	22001800	–	–
206	22000200	–	–	–	–	22001710	–	–
208	–	–	22003300	–	–	–	–	–
210	22000300	22003100	22003300	22003500	22004900	22001700	22001701	22001702
215	22000400	22003100	22003300	22003600	22004900	22001900	–	22001910
216	22000400	–	22003300	22003600	22004900	22001900	–	22001910
217	22000500	22003100	22003300	22003700	22004900	22001900	–	22001910
220	22000600	22003100	22003300	22003800	22004900	22002000	22002010	22002020
221	22000700	22003100	22003300	22003900	22004900	22002100	22002110	22002120
223	22000800	22003100	22003300	22005500	22004900	22002100	22002110	22002120
225	22000300	22003100	22003300	22003500	22004900	22001700	22001701	22001702
226	22000400	22003100	22003300	22003600	22004900	22001900	–	22001910
227	22000500	22003100	22003300	22003700	22004900	22001900	–	22001910
228	22000500	–	22003300	22003700	22004900	22001900	–	22001910
231	22000600	22003100	22003300	22003800	22004900	22002000	22002010	22002020
237	22000700	–	22003300	22003900	22004900	22002100	22002110	22002120
238	22001100	–	22003300	22004300	22004900	22002000	22002010	22002020
2401	22001000	22003200	22003300	22004200	22004900	22002402	22002400	22002401
242	22001200	–	22003300	22004400	22004900	22002402	22002400	22002401
255	22001600	–	22003300	22004800	–	–	22002950	22002951

M: Mounting plates, laminated paper (Pertinax), galvanised steel for model 260
RD: Set of knurled screws = 4 pcs (cannot be used with SV)

F: Set of rubber feet = 4 pcs
SIL: Lid with silicone seal
WL: Set of wall brackets = 4 pcs

TS 15: Top hat rail DIN EN 60715 TH15
TS 32: G-rail DIN EN 60715 G 32
TS 35: Top hat rail DIN EN 60715 TH35

Threaded inserts for mounting bosses

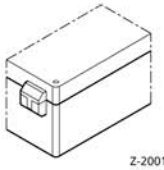
Boss internal ø x depth	Threaded inserts	Order no.	PU
4 x 6.5	Dodge M 3 x 6.5	**59002810**	100 pcs
5.4 x 9.5	Dodge M 4 x 9.5	**59002820**	100 pcs

Assembly instructions:
Put the insert into the boss until it touches the base. Then hammer down the stretcher plate using a pin.

Cabinet-version:
If you want your enclosure(s) fitted with hinges, please order separately:

Additional charge for fitting.

Order designation	Order no.
SchM: Set of hinges polycarbonate	**22006000**


Z-2001663

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Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

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