schleicher

wieland

System solut…
System components
Components

Electronic housings and appliance terminals / terminal strips

Electronic housings

Electronic housings as functional packaging for your application are available in open, closed, modular and multi-tier designs.

Appliance terminals

These range from the Europa terminal strip to terminals made of glazed porcelain. They can be implemented in various applications, are user-friendly and guarantee excellent performance, especially in high-temperature applications.

100

50,4

100

100

dipos

NGG

WEB

housing system

wieland

housing system

Contents – Electronic housings

Typical applications

❐ Relay modules

❐ Timer relay modules

❐ Optocoupler (solid state) modules

❐ Compact power supply units

❐ Converter for standard analog signals

❐ Signal conditoning for RTDs and thermocouples

❐ Programmable signal conditioning

❐ Potential monitors

❐ Overvoltage protection

❐ Low-cost I/O systems

❐ Building automation

Potential applications and markets

❐ Mechanical and system engineering

❐ Electrical/electronics industry, device manufacturers

❐ Chemical industry and process automation

❐ Power engineering and power plants

❐ Building technology, heating, ventilation and air conditioning technology (HVAC)

❐ Automotive industry, planes, ships

❐ Consumer goods

❐ Food industry

❐ Utilities

❐ Environmental monitoring

❐ Traffic control

Properties of the housings

❐ Variety of housings for industrial process and building automation

❐ Pluggable housings consisting of module bases and modular housing units

❐ Housing can be expanded in the future in 5 mm increments

❐ 4 (at an overall width of 12.5 mm) or 6 (at an overall width of 17.5 mm) potentials can be bridged between the modules

❐ 8 connections in an overall width of 12.5 mm

❐ Type of connection technology can be selected: screw or spring-clamp connection

❐ Integrated ground connection

❐ Marking not covered by wiring

❐ Each connection can be marked with its own marking tag

❐ Colored marking tags available

❐ Group marking in the base and on the housing cover

❐ Lockable cover – to prevent unwanted changes

❐ Ventilation slots

❐ PCB is terminal free

❐ Module base for TS 32 and TS 35 mounting rails

Electronic housings
Modular housing system *dipos*

housing system

Housing properties:
- Pluggable housing
- Various design widths
- Potential bridging between the housings
- Minimum of 8 connections
- Connection type: screw or spring clamp

Dimensions (mm): W x H x D

Approvals: cULus CSA
12.5 x 100 x 100 (Standard)

Approvals: cULus CSA
17.5 x 100 x 100 (Standard)

Description	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Module base *dipos* UMC						
with screw terminals (screw thread M3)		80.060.0000.1	1		80.060.1000.1	1
with spring clamp		80.060.0001.1	1		80.060.1001.1	1
Empty housings		80.061.0010.3	1		80.061.1010.3	1
Technical data						
Rated voltage	230/400 V AC			230/400 V AC		
Maximum rated current	10 A per contact			10 A pro contakt		
Total current	10 A			10 A		
Overvoltage category	III			III		
Degree of pollution	2			2		
Connections per side	4 terminals, 4 potentials per side			6 terminals, 6 potentials per side		
Wire range of screw terminals						
fine-stranded/stranded	0.2 mm^2 – 2.5 mm^2			0.2 mm^2 – 2.5 mm^2		
solid	0.2 mm^2 – 4 mm^2			0.2 mm^2 – 4 mm^2		
flexible with ferrule with/without plastic sleeve	0.25 mm^2 – 2.5 mm^2 / 0.25 mm^2 – 1.5 mm^2			0.25 mm^2 – 2.5 mm^2 / 0.25 mm^2 – 1.5 mm^2		
AWG	24 – 12			24 – 12		
Tightening torque	0.5 – 0.6 Nm			0.5 – 0.6 Nm		
Wire range of spring-clamp terminal	0.08 mm^2 – 2.5 mm^2			0.08 mm^2 – 2.5 mm^2		
with ferrules	0.08 mm^2 – 1.5 mm^2			0.08 mm^2 – 1.5 mm^2		
AWG	28 – 12			28 – 12		
Bridging to the next module	4 potentials			6 potentials		
Fire protection	V2			V2		
Type of protection	IP 20			IP 20		
Ambient temperature	–25 °C...+100 °C			–25 °C...+100 °C		
Storage temperature	–40 °C...+100 °C			–40 °C...+100 °C		
Regulations, standards	EN 60947-1			EN 60947-1		
	DIN EN 50178			DIN EN 50178		
	DIN VDE 0611 T1			DIN VDE 0611 T1		
	VDE 0110			VDE 0110		
	VDE 106			VDE 106		
Accessories						
Coding branch		Z5.563.0453.0	25		Z5.563.0453.0	25
Pluggable jumper		Z8.000.0229.5	50		Z8.000.0229.5	50
Large marker tag, white, blank		04.249.4053.0	5		04.249.4053.0	5
Small marker tag						
unmarked, red		04.249.1053.0	5		04.249.1053.0	5
unmarked, blue		04.249.1553.0	5		04.249.1553.0	5
unmarked, white		04.249.2053.0	5		04.249.2053.0	5

Electronic housings
Modular housing system *dipos*
housing system

Housing properties:
- Pluggable housing
- Various design widths
- Potential bridging between the housings
- Minimum of 8 connections
- Connection type: screw or spring clamp

Approvals: c**RU**us **SP**

Dimensions (mm): W x H x D   22.5 x 100 x 100 (Standard)

Description	Type	Part No.	Std. Pack	
Module base *dipos* UMC				
with screw terminals (screw thread M3)		80.060.2000.1	1	
with spring clamp		80.060.2001.1	1	
Empty housings		80.061.2010.3	1	
Technical data				
Rated voltage	230/400 V AC			
Maximum rated current	10 A per contact			
Total current	10 A			
Overvoltage category	III			
Degree of pollution	2			
Connections per side	8 terminals, 8 potentials per side			
Wire range of screw terminals				
fine-stranded/stranded	$0.2\ mm^2 - 2.5\ mm^2$			
solid	$0.2\ mm^2 - 4\ mm^2$			
flexible with ferrule with/without plastic sleeve	$0.25\ mm^2 - 2.5\ mm^2 / 0.25\ mm^2 - 1.5\ mm^2$			
AWG	24 – 12			
Tightening torque	0.5 – 0.6 Nm			
Wire range of spring-clamp terminal	$0.08\ mm^2 - 2.5\ mm^2$			
with ferrules	$0.08\ mm^2 - 1.5\ mm^2$			
AWG	28 – 12			
Bridging to the next module	8 potentials			
Fire protection	V2			
Type of protection	IP 20			
Ambient temperature	–25 °C...+100 °C			
Storage temperature	–40 °C...+100 °C			
Regulations, standards	EN 60947-1			
	DIN EN 50178			
	DIN VDE 0611 T1			
	VDE 0110			
	VDE 106			
Accessories				
Coding branch		Z5.563.0453.0	25	
Pluggable jumper		Z8.000.0229.5	50	
Large marker tag, white, blank		04.249.4053.0	5	
Small marker tag				
unmarked, red		04.249.1053.0	5	
unmarked, blue		04.249.1553.0	5	
unmarked, white		04.249.2053.0	5	

wieland

Electronic housings
Modular housing system *dipos*

housing system

Plan view

17,5

Housing

100

100

Module base

12,5 (17,5 / 22,5)

50,4

100

Version (width in mm)	12,5	17,5	22,5
Component height	7,15	10,35	15,35
Endurance	2,35	4,15	4,15
Max. component height	6,25	8,7	13,7
Max. endurance	1,4	2,7	2,7
Max. component height	1,05	0,95	5,95
Blocking zones			

Note: Contact is made on both sides of the terminal faces. Components that generate heat should always be placed in the vicinity of the ventilation slots (upper section of the PCB)

PCB: FR4

Thickness: 1.0 mm

Copper support: ≥ 35 µm (I ≤ 3 A)

≥ 70 µm (I > 3 A)

UNTEN/BOTTOM

OBEN/TOP

Detail Z

Electronic housings
Modular housing system *dipos*

housing system

Housing properties:
• Pluggable housing
• Various design widths
• Potential bridging between the housings
• Minimum of 8 connections
• Connection type: screw or spring clamp

Dimensions (mm): W x H x D

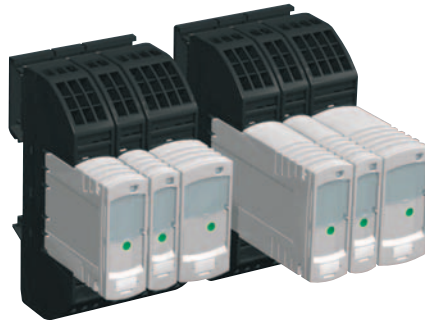Approvals: c**ᴿᵁ**us **ᶜˢᴬ** being prepared: ⓊⓁ
12.5 x 100 x 100 (75)   (Standard)

Approvals: c**ᴿᵁ**us **ᶜˢᴬ** being prepared: ⓊⓁ
17.5 x 100 x 100 (75)   (Standard)

Description	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Module base *dipos* UMC						
with screw terminals (screw thread M3)		80.060.0000.1	1		80.060.1000.1	1
with spring clamp		80.060.0001.1	1		80.060.1001.1	1
Electronic housings 100 mm		80.062.0100.3	1		80.062.1100.3	1
75 mm		80.062.0000.3	1		80.062.1000.3	1
Technical data						
Rated voltage	230/400 V AC			230/400 V AC		
Maximum rated current	10 A per contact			10 A per contact		
Total current	10 A			10 A		
Overvoltage category	III			III		
Degree of pollution	2			2		
Connections per side	4 terminals, 4 potentials per side			6 terminals, 6 potentials per side		
Wire range of screw terminals						
fine-stranded/stranded	0.2 mm^2 – 2.5 mm^2			0.2 mm^2 – 2.5 mm^2		
solid	0.2 mm^2 – 4 mm^2			0.2 mm^2 – 4 mm^2		
flexible with ferrule with/without plastic sleeve	0.25 mm^2 – 2.5 mm^2 / 0.25 mm^2 – 1.5 mm^2			0.25 mm^2 – 2.5 mm^2 / 0.25 mm^2 – 1.5 mm^2		
AWG	24 – 12			24 – 12		
Tightening torque	0.5 – 0.6 Nm			0.5 – 0.6 Nm		
Wire range of spring-clamp terminal	0.08 mm^2 – 2.5 mm^2			0.08 mm^2 – 2.5 mm^2		
with ferrules	0.08 mm^2 – 1.5 mm^2			0.08 mm^2 – 1.5 mm^2		
AWG	28 – 12			28 – 12		
Bridging to the next module	4 potentials			6 potentials		
Fire protection	V2			V2		
Type of protection	IP 20			IP 20		
Ambient temperature	–25 °C...+100 °C			–25 °C...+100 °C		
Storage temperature	–40 °C...+100 °C			–40 °C...+100 °C		
Regulations, standards	EN 60947-1			EN 60947-1		
	DIN EN 50178			DIN EN 50178		
	DIN VDE 0611 T1			DIN VDE 0611 T1		
	VDE 0110			VDE 0110		
	VDE 106			VDE 106		
Accessories						
Coding branch		Z5.563.0453.0	25		Z5.563.0453.0	25
Pluggable jumper		Z8.000.0229.5	50		Z8.000.0229.5	50
Large marker tag, white, blank		04.249.4053.0	5		04.249.4053.0	5
Small marker tag						
unmarked, red		04.249.1053.0	5		04.249.1053.0	5
unmarked, blue		04.249.1553.0	5		04.249.1553.0	5
unmarked, white		04.249.2053.0	5		04.249.2053.0	5

Subject to change without further notice

Electronic housings
Modular housing system *dipos*

housing system

Housing properties:
- Pluggable housing
- Various design widths
- Potential bridging between the housings
- Minimum of 8 connections
- Connection type: screw or spring clamp

Approvals: c**ᴙ**us Ⓢ being prepared: Ⓤ

Dimensions (mm): W x H x D
22.5 x 100 x 100 (75)   (Standard)

Description	Type	Part No.	Std. Pack	
Module base *dipos* UMC				
with screw terminals (screw thread M3)		80.060.2000.1	1	
with spring clamp		80.060.2001.1	1	
Electronic housings 100 mm		80.062.2100.3	1	
75 mm		80.062.2000.3	1	
Technical data				
Rated voltage	230/400 V AC			
Maximum rated current	10 A per contact			
Total current	10 A			
Overvoltage category	III			
Degree of pollution	2			
Connections per side	8 terminals, 8 potentials per side			
Wire range of screw terminals				
fine-stranded/stranded	$0.2 \ mm^2 – 2.5 \ mm^2$			
solid	$0.2 \ mm^2 – 4 \ mm^2$			
flexible with ferrule with/without plastic sleeve	$0.25 \ mm^2 – 2.5 \ mm^2 / 0.25 \ mm^2 – 1.5 \ mm^2$			
AWG	24 – 12			
Tightening torque	0.5 – 0.6 Nm			
Wire range of spring-clamp terminal	$0.08 \ mm^2 – 2.5 \ mm^2$			
with ferrule	$0.08 \ mm^2 – 1.5 \ mm^2$			
AWG	28 – 12			
Bridging to the next module	6 potentials			
Fire protection	V2			
Type of protection	IP 20			
Ambient temperature	–25 °C...+100 °C			
Storage temperature	–40 °C...+100 °C			
Regulations, standards	EN 60947-1			
	DIN EN 50178			
	DIN VDE 0611 T1			
	VDE 0110			
	VDE 106			
Accessories				
Coding branch		Z5.563.0453.0	25	
Pluggable jumper		Z8.000.0229.5	50	
Large marker tag, white, blank		04.249.4053.0	5	
Small marker tag				
unmarked, red		04.249.1053.0	5	
unmarked, blue		04.249.1553.0	5	
unmarked, white		04.249.2053.0	5	

housing system

Plan view

Housing

Module base

Version (width in mm)	12,5	17,5	22,5
Component height	7,15	10,35	15,35
Endurance	2,35	4,15	4,15
Max. component height	6,25	8,7	13,7
Max. endurance	1,4	2,7	2,7
Max. component height	1,05	0,95	5,95
Blocking zones			

Note: Contact is made on both sides of the terminal faces. Components that generate heat should always be placed in the vicinity of the ventilation slots (upper section of the PCB)

PCB: FR4

Thickness: 1.0 mm

Copper support: ≥ 35 µm (I ≤ 3 A)

≥ 70 µm (I > 3 A)

Detail Z

Electronic housings
General information on the NGG housing system

housing system

Information on electronic housings

The NGG 22.5 mm housing system series includes five types of different housing heights and depths, while the width is a constant 22.5 mm. Designs with 6, 9 or 12 terminals are available. Combined with the corresponding clamping types, the housings can be used for all applications up to a rated voltage of 500 V and a rated current of 24 A in protection degree IP 40. The technical data satisfy the rough environmental conditions of industrial applications.

The housing consists of two half shells and a front cap that can be mounted economically via a snap-in and latching connection. It is optionally suitable for installation of one or two PC boards in sandwich design. The front provides maximum space for operating and display components. It can be easily snapped onto a DIN rail according to DIN EN 50 022, or released without the use of a tool.

NGG housings
❒ Consistent concept of a 22.5 mm wide housing design
❒ Rated voltage up to 500 V
❒ Wire cross section up to 6 mm^2
❒ Rated current up to 24 A
❒ 6 to 12 terminals
❒ UL approvals
❒ IP 40 protection degree
❒ Terminals on the PC board
❒ PC board installation in sandwich design
❒ Snap-on assembly
❒ Shell technology with three housing components
❒ Halogen-free, laserable plastic
❒ Recyclable after disassembly
❒ Different materials disposed of separately

Electronic housings
NGG housing system
housing system

**Housing with terminals
(without PC board)**

K3-1 housing with 6 terminals

K3-2 housing with 9 terminals

Description	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
	K3-1-1 (6 terminals)	R9.210.0160.0	10	K3-2-10 (9 terminals)	R9.210.0170.0	10
Technical information on the housings						
Nominal PC board thickness	0.8 mm and 1.5 mm			0.8 mm and 1.5 mm		
Degree of protection (DIN EN 60 529: 2000-09)	IP40			IP40		
Plastic components	halogen-free, laser marking possible			halogen-free, laser marking possible		
Material	PC Makrolon 6385			PC Makrolon 6385		
Color	light gray RAL 7035 (other housing colors on request)			light gray RAL 7035 (other housing colors on request)		
Relative temperature index (Elec. UL 746 B: 1981-04)	125°C			125°C		
Operating temperature (IEC 216-1: 1990-05)	−25°C through 110°C			−25°C through 110°C		
Creepage resistance: (IEC 112: 1979/ DIN VDE 0303-1: 1994-06)	CTI 225			CTI 225		
UL flammability rating (UL 94:1991-06)	V-0; 0.75 mm			V-0; 0.75 mm		
Glow wire resistance (VDE 0471 part 2-1/1: 1997-04)	850°C			850°C		
Rated insulation voltage (DIN VDE 0110)	500 V			500 V		

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Electronic housing
NGG housing system

housing system

Housing with terminals
(without PC board)

K3-3 housing with 12 terminals

K3-3 housing with 9 terminals

Description	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
	K3-3-2 (12 terminals)	R9.210.0180.0	10	K3-3-15 (9 terminals)	R9.210.0190.0	10
Technical information on the housings						
Nominal PC board thickness	0.8 mm and 1.5 mm			0.8 mm and 1.5 mm		
Degree of protection (DIN EN 60 529: 2000-09)	IP40			IP40		
Plastic components	halogen-free, laser marking possible			halogen-free, laser marking possible		
Material	PC Makrolon 6385			PC Makrolon 6385		
Color	light gray RAL 7035 (other housing colors available on request)			light gray RAL 7035 (other housing colors available on request)		
Relative temperature index (Elec. UL 746 B: 1981-04)	125 °C			125 °C		
Operating temperature (IEC 216-1: 1990-05)	–25 °C through 110 °C			–25 °C through 110 °C		
Creepage resistance: (IEC 112: 1979/ DIN VDE 0303-1: 1994-06)	CTI 225			CTI 225		
UL flammability rating (UL 94:1991-06)	V-0; 0.75 mm			V-0; 0.75 mm		
Glow wire resistance (VDE 0471 part 2-1/1: 1997-04)	850 °C			850 °C		
Rated insulation voltage (DIN VDE 0110)500 V	500 V			500 V		

Electronic housings
NGG housing system

housing system

Housing with terminals
(without PC board)

K3-4 housing with 6 terminals

Description	Type	Part No.	Std. Pack	
	K3-4-1 (6 terminals)	R9.210.0200.0	10	
Technical information on the housings				
Nominal PC board thickness	0.8 mm and 1.5 mm			
Degree of protection (DIN EN 60 529: 2000-09)	IP40			
Plastic components	halogen-free, laser marking possible			
Material	PC Makrolon 6385			
Color	light gray RAL 7035 (other housing colors available on request)			
Relative temperature index (Elec. UL 746 B: 1981-04)	125 °C			
Operating temperature (IEC 216-1: 1990-05)	–25 °C through 110 °C			
Creepage resistance: (IEC 112: 1979/ DIN VDE 0303-1: 1994-06)	CTI 225			
UL flammability rating (UL 94:1991-06)	V-0; 0.75 mm			
Glow wire resistance (VDE 0471 part 2-1/1: 1997-04)	850 °C			
Rated insulation voltage (DIN VDE 0110)	500 V			

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Housing dimensions

Type (including terminals): K3-1-1

Type (including terminals): K3-2-10

PCB dimensions
Nominal thickness 1.5 mm

Both sides of this surface must be left free of any components or layers.

Radii R < 1.2 without dimensions
Lateral view

Both sides of this surface must be left free of any components or layers.

Radii R < 1.2 without dimensions
Lateral view

housing system

Type (including terminals):
K3-3-2

Type (including terminals):
K3-3-15

Type (including terminals):
K3-4-1

Both sides of this surface must be left free of any components or layers.

Radii R < 1.2 without dimensions
Lateral view

Both sides of this surface must be left free of any components or layers.

Radii R < 1.2 without dimensions
Lateral view

Both sides of this surface must be left free of any components or layers.

Radii R < 1.2 without dimensions
Lateral view

Subject to change without further notice

Clamping body

The patented three-part terminal has been optimized for the requirements of electronics and encoder technology in industrial automation. The clamping body has been designed for print mounting. It latches into position on the PC board and can be automatically soldered without use of special protective covers.

PC board assembly on the left as well as on the right side requires only one clamping body design. In addition to the reduced number of variations, the system provides the option of mounting two PC boards that are connected through the clamping bodies.

The terminal block accepts wire cross sections up to 6 mm². Captive 3 mm Pozidrive-2 screws enable torques of up to 1 Nm and are therefore suitable for use with automatic screwdrivers.
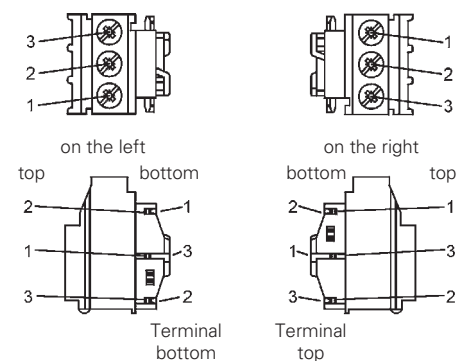
Terminals N1238-2

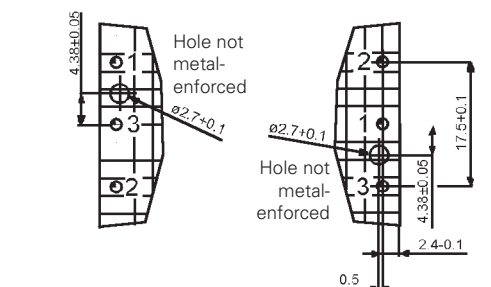| Description	Type	Part No.	Std. Pack
	Klemmkörper N1238-2	RN.012.3802.0	1
Technical data of the terminals			
Degree of protection for the terminals (DIN EN 60 529: 2000-09)	IP 20		
Rated voltage			
(Pollution degree 3, Overvoltage category III according to IEC 664)	up to 500 V		
Rated current	24 A		
Clamping screw	M3, captive		
	Screw head: +/- Pozidrive 1		
	Tightening torque: max. 1 Nm		
Connectable cross sections per terminal	1x up to 6 mm² rigid		
	1x up to 4 mm² flexible with/without sleeve		
	2x up to 2.5 mm² rigid		
	2x up to 2.5 mm² flexible		
	2x up to 1.5 mm² flexible with sleeve		
Insulation strip length	8 + 1 mm		
Feed-through resistance (A=2.5 mm²)	max. 3 mΩ		
Creepage distances and clearances	outside ≥ 6.3 mm		
	inside ≥ 5.5 mm, soldered		
Solder parameter (guideline value)	250 °C – 255 °C, 3 s		
Metal parts:			
Live components	Cu, tin-plated		
Clamping box	Cu alloy, nickel-plated		
Clamping screw	steel, zinc-plated		
Plastic parts			
Material	PA 6.6, halogen-free		
Color	light gray RAL 7035		
Relative temperature index (Elec. UL 746 B: 1981-04)	130 °C		
Operating temperature (IEC 216-1: 1990-05)	–40 °C through 125 °C		
Creepage resistance	CTI 600		
UL flammability rating (UL 94:1991-06)	V0		
Glow wire resistance (VDE 0471 part 2-1/1: 1997-04)	960 °C		

Terminals dimensions

Pin assignment

on the left   on the right

top   bottom   bottom   top

Terminal bottom   Terminal top

Pins 1x1 mm²

PCB hole dimensions
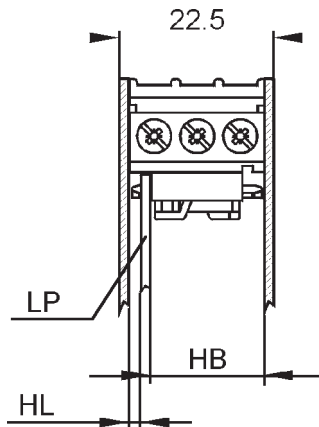
Hole not metal-enforced

Hole not metal-enforced
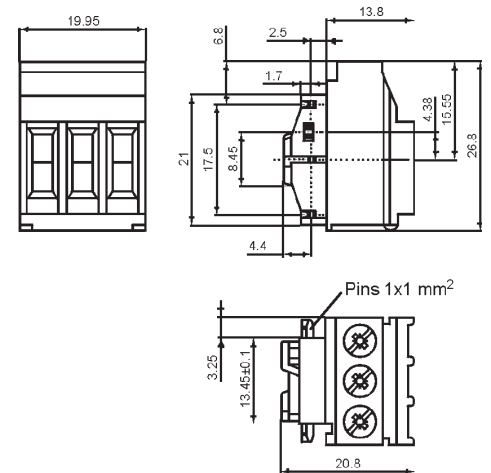
2.5 mm spacing
Hole diameter:
Lateral view   1.5+0.1/–0.05

Electronic housings
NGG housing system – terminals
housing system

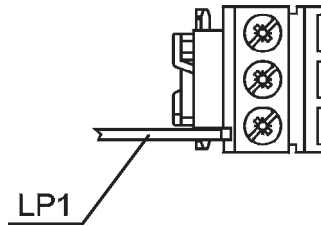## Maximum design heights

22.5

LP

HB

HL

Placement side:
HB max. 1.6 mm

Solder side:
PCB 1.5 mm thick HL max. 1.5 mm
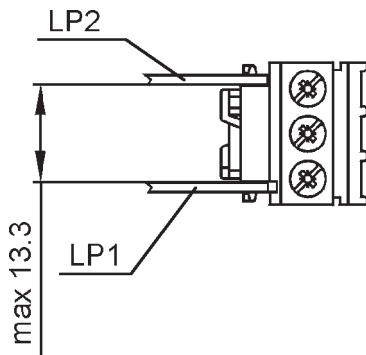
Solder side:
PCB 0.8 mm thick HL max. 2.2 mm

PCB assembly

Assembly of one PCB

LP1

Assembly of two PCBs in sandwich design

LP2

max 13.3

LP1

Housing assembly

Assembly
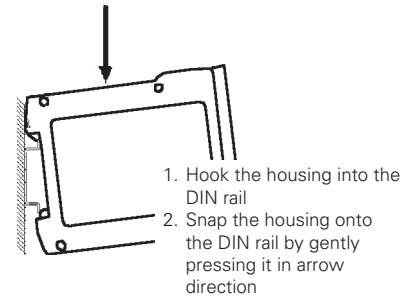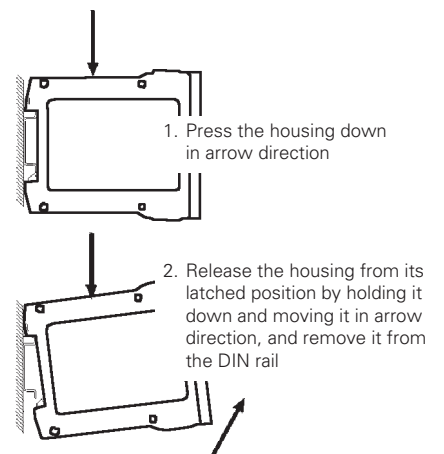
1. Hook the housing into the DIN rail
2. Snap the housing onto the DIN rail by gently pressing it in arrow direction

Disassembly

1. Press the housing down in arrow direction

2. Release the housing from its latched position by holding it down and moving it in arrow direction, and remove it from the DIN rail

Electronic housing features

WEB housings

❏ Installation housings, suitable for a variety of uses

❏ Series of housings can be fitted together

❏ ... as individual modules

❏ ... or as a complete system

❏ Mounting foot for all common TS 35 / TS 32 mounting rails

❏ For installation of fully equipped PCBs with various connection systems

❏ Can be used in such areas as:
– devices and control systems for consumer electronics
– industrial electronics
– control engineering
– data systems engineering
– suitable for universal applications

❏ Design available with/without components assembled (see "Electronic components" for fitted designs)

❏ Distribution of electronic components in most confined spaces

❏ WEB housing provides protection for sensitive components

❏ Wieland's system solution: safety and functionality with proven connection systems and high quality compact designs

❏ Benefits:
– long service life, even under extreme conditions
– technical design perfection
– reliability
– low cost
– trouble-free application
– many housing variations

WEB 1001
closed design

❏ Construction of up to 9 housing configurations without tools and using just a few individual parts

❏ Connection system
– PCB connectors
– direct mount and pluggable connectors
– Tab connectors
– etc.

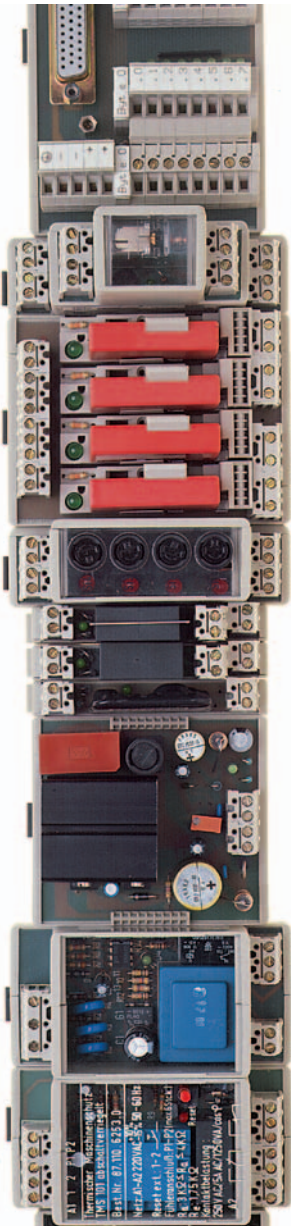❏ PCB can be fitted with components and soldered independently of the housing

❏ Designs ranging from an overall housing height of 42 mm and a PCB size of 92.3 x 22.3 mm up to 68 mixed connections in multi-tier design

❏ Closed design provides protection for the electronic components

❏ With transparent cover for checking displays etc.

❏ Marking facility on the housing

WEB 1001 WEB 1002
open housing

❏ Height of this series: only 15.8 mm (without U foot)

❏ Open modules can be assembled using the 3 different elements to form any length

❏ Complete sets of special components can be assembled

❏ Numerous facilities for connecting external conductors, screw, pluggable, two-part and push-on terminals

❏ System advantages:
– can be assembled quickly due to the pluggable modular system principle
– high torsional rigidity due to the firm interconnection of the individual elements
– can be fitted to all DIN EN mounting rails 32/35 using the universal foot

housing system

WEB connection system

❐ Independent of the housing component

❐ Up to 68 connections per housing

❐ No type of connection prescribed therefore screw, puggable, two-part terminals or even mixed systems can be used

Handling

❐ PCBs can be fitted with components independantly of the housing

❐ Mechanical soldering of the PCB to the terminals and components, also regard less of the housing. Selected.

❐ Horizontal (WEB) or vertical (WEG) arrangement of the PCBs on several levels within the housing

❐ Housing components can be fitted together

Attachment to the mounting rail

❐ By means of a slot mounting facility for one or more mounting feet

❐ U-foot for TS 32 and TS 35

Marking systems

❐ Snap-on terminal and housing marking

❐ Multi-digit marking tags

❐ Single tags, marking strips

❐ Tear-off marking strips

❐ Individual marking possible using figures or symbols

WEB
closed housing

WEB
closed housing

WEB
open housing

WEB
open housing

Electronic housings
WEB housing system

housing system

Possible areas of application:
- Devices and controllers for consumer electronics
- Industrial electronics
- Control technology
- Data technology

Material:
Housing: PA 6   UL 94-HB
Foot: PA 66   UL 94-V2
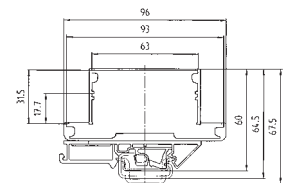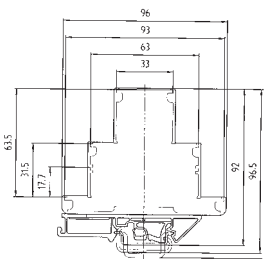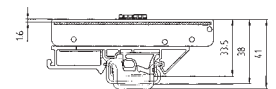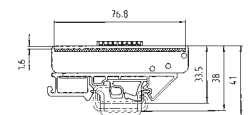Cover: PC   UL 94-HB

Dimensions (mm): W x H x D / for PCB

Size 1
27 x 42 x 96 / for PCB 93 x 22

Size 2
27 x 74 x 96 / for PCB 93/63 x 22

Description	Part No.	Std. Pack	Part No.	Std. Pack
Electronic housing, complete with U-Foot, without PCB	87.010.0053.0	10	87.020.0053.0	10
Electronic housing, complete with TS 35 foot, without PCB	86.010.0053.0	10	86.020.0053.0	10
(The housings are supplied unassembled and				
without PCBs)				
Individual parts				
1. Housing	01.001.5153.0	50	01.001.5053.0	50
2. Cover with marking facility	04.312.0654.0	50	04.312.0554.0	50
Cover without marking facility				
3. Cover plate	07.310.8553.0	50	07.310.8453.0	50
5. Universal foot	05.583.0053.0	50	05.583.0053.0	50
Foot TS 35	Z5.595.2153.0	50	Z5.595.2153.0	50
Connection technique				
PCB connectors with 5 mm spacing	Type 8190, 8191, 8192, 8113, 8142		Type 8190, 8191, 8192, 8113, 8142	
PCB connectors with 5.08 mm spacing	Type 8213, 8281, 8291, 8292		Type 8213, 8281, 8291, 8292	
PCB connectors with 7.5 mm spacing	Type 8313, 8390, 8391		Type 8313, 8390, 8391	
PCB connectors with 7.62 mm spacing	Type 8413, 8491		Type 8413, 8491	
PCB connectors with 3.5 mm spacing	Type 8543, 8593		Type 8543, 8593	
PCB connectors with 3.81 mm spacing	Type 8813, 8893		Type 8813, 8893	
Accessories				
Tab connector	6.3 mm, straight	05.555.8521.0	50	6.3 mm, straight	05.555.8521.0	50
Tab connector	6.3 mm, angled	05.555.8721.0	50	6.3 mm, angled	05.555.8721.0	50
Tab connector	2 x 2.8 mm, straight	05.555.9121.0	50	2 x 2.8 mm, straight	05.555.9121.0	50
Tab connector	2 x 2.8 mm, angled	05.555.8921.0	50	2 x 2.8 mm, angled	05.555.8921.0	50
Tab connector	2.8 mm, straight	05.555.8621.0	50	2.8 mm, straight	05.555.8621.0	50
Tab connector	2.8 mm, angled	05.555.8821.0	50	2.8 mm, angled	05.555.8821.0	50
Tab connector: Materials	Ms tin-plated		Ms tin-plated	
PCB hole diameter	1.3 – 1.4 mm		1.3 – 1.4 mm	
PCB hole spacing	5 mm		5 mm	
Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7.5 EN 50022 98.300.0000.0	1	35 x 27 x 7.5 EN 50022 98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022 98.360.0000.0	1	35 x 24 x 15 EN 50022 98.360.0000.0	1
Mounting rail 32, G-rail L = 2 m	9006 EN 50035 G-32 98.190.0000.0	1	9006 EN 50035 G-32 98.190.0000.0	1
End clamp, Polyamide 8 mm wide TS 35	9708/2 S 35 Z5.522.8553.0	100	9708/2 S 35 Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot	WE 1/U Z5.523.5753.0	100	WE 1/U Z5.523.5753.0	100
Marking tag carrier	9003 C/4 04.242.1050.0	200	9003 C/4 04.242.1050.0	200
Marking tag, unmarked	9003 C 04.241.0651.0	500	9003 C 04.241.0651.0	500
Marking tag, marked	9003 CB 04.841.0651.0	500	9003 CB 04.841.0651.0	500

Electronic housing
WEB housing system

Possible areas of application:
- Devices and controllers for consumer electronics
- Industrial electronics
- Control technology
- Data technology

Material:
Housing:	PA 6	UL 94-HB
Foot:	PA 66	UL 94-V2
Cover:	PC	UL 94-HB

Dimensions (mm): W x H x D / for PCB

	Size 3			**Size 4**		
	48 x 42 x 96 / for PCB 93 x 45			48 x 74 x 96 / for PCB 93/63 x 45		
Description		Part No.	Std. Pack		Part No.	Std. Pack
Electronic housings, complete with U-Foot, without PCB		87.030.0053.0	10		87.040.0053.0	10
Electronic housings, complete with TS 35 foot, without PCB		86.030.0053.0	10		86.040.0053.0	10
(The housings are supplied unassembled and						
without PCBs)						
Individual parts						
1. Housing	2 x	01.001.5153.0	50	2 x	01.001.5053.0	50
2. Cover with marking facility	2 x	04.312.0654.0	50	2 x	04.312.0554.0	50
Cover without marking facility	1 x	04.312.3054.0	10	1 x	04.312.3354.0	50
5. Universal foot		05.583.0053.0	50		05.583.0053.0	50
Foot TS 35		Z5.595.2153.0	50		Z5.595.2153.0	50
Connection technique						
PCB connectors with 5 mm spacing	Type 8190, 8191, 8192, 8113, 8142			Type 8190, 8191,8192, 8113, 8142		
PCB connectors with 5.08 mm spacing	Type 8213, 8281,8291, 8292			Type 8213, 8281,8291, 8292		
PCB connectors with 7.5 mm spacing	Type 8313, 8390, 8391			Type 8313, 8390, 8391		
PCB connectors with 7.62 mm spacing	Type 8413, 8491			Type 8413, 8491		
PCB connectors with 3.5 mm spacing	Type 8543, 8593			Type 8543, 8593		
PCB connectors with 3.81 mm spacing	Type 8813, 8893			Type 8813, 8893		
Accessories						
Tab connector	6.3 mm, straight	05.555.8521.0	50	6.3 mm, straight	05.555.8521.0	50
Tab connector	6.3 mm, angled	05.555.8721.0	50	6.3 mm, angled	05.555.8721.0	50
Tab connector	2 x 2.8 mm, straight	05.555.9121.0	50	2 x 2.8 mm, straight	05.555.9121.0	50
Tab connector	2 x 2.8 mm, angled	05.555.8921.0	50	2 x 2.8 mm, angled	05.555.8921.0	50
Tab connector	2.8 mm, straight	05.555.8621.0	50	2.8 mm, straight	05.555.8621.0	50
Tab connector	2.8 mm, angled	05.555.8821.0	50	2.8 mm, angled	05.555.8821.0	50
Tab connector: Materials	Ms tin-plated			Ms tin-plated		
PCB hole diameter	1.3 -1.4 mm			1.3 -1.4 mm		
PCB hole spacing	5 mm			5 mm		
Mounting rail 35, DIN rail 7.5 high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G-rail L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
End clamp, Polyamide 8 mm wide TS 35	9708/2 S 35	Z5.522.8553.0	100	009708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
Marking tag carrier	9003 C/4	04.242.1050.0	200	9003 C/4	04.242.1050.0	200
Marking tag, unmarked	9003 C	04.241.0651.0	500	9003 C	04.241.0651.0	500
Marking tag, marked	9003 CB	04.841.0651.0	500	9003 CB	04.841.0651.0	500

Electronic housings
WEB housing system

Possible areas of application:
• Devices and controllers for consumer electronics
• Industrial electronics
• Control technology
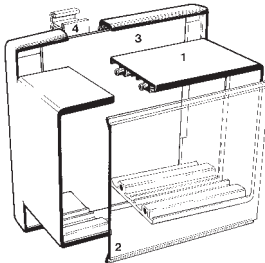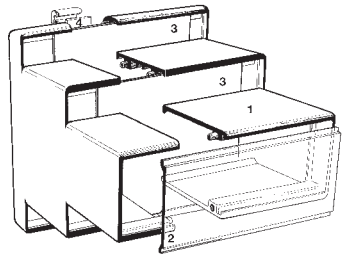• Data technology

Material:
Housing:	PA 6	UL 94-HB
Foot:	PA 66	UL 94-V2
Cover:	PC	UL 94-HB

Dimensions (mm): W x H x D / for PCB

Size 6
70.5 x 42 x 96 / for PCB 93 x 67

Size 7
70.5 x 74 x 96 / for PCB 93/63 x 67

Description		Part No.	Std. Pack		Part No.	Std. Pack
Electronic housings, complete with U-Foot, without PCB		87.060.0053.0	10		87.070.0053.0	10
(The housings are supplied unassembled and						
without PCBs)						
Individual parts						
1. Housing		01.001.5153.0	50		01.001.5353.0	10
Housing		01.001.5453.0	50		01.001.5053.0	50
2. Cover		04.312.3154.0	50		04.312.3454.0	50
4. Universal foot		05.583.0153.0	50		05.583.0153.0	50
Connection technique						
PCB connectors with 5 mm spacing		Type 8190, 8191, 8192, 8113, 8142			Type 8190, 8191, 8192, 8113, 8142	
PCB connectors with 5.08 mm spacing		Type 8213, 8281, 8291, 8292			Type 8213, 8281, 8291, 8292	
PCB connectors with 7.5 mm spacing		Type 8313, 8390, 8391			Type 8313, 8390, 8391	
PCB connectors with 7.62 mm spacing		Type 8413, 8491			Type 8413, 8491	
PCB connectors with 3.5 mm spacing		Type 8543, 8593			Type 8543, 8593	
PCB connectors with 3.81 mm spacing		Type 8813, 8893			Type 8813, 8893	
Technical data						
Materials		Ms tin-plated			Ms tin-plated	
PCB hole diameter		1.3 –1.4 mm			1.3 –1.4 mm	
PCB hole spacing		5 mm			5 mm	
Accessories						
Tab connector		6.3 mm, straight	05.555.8521.0	50	6.3 mm, straight	05.555.8521.0	50
Tab connector		6.3 mm, angled	05.555.8721.0	50	6.3 mm, angled	05.555.8721.0	50
Tab connector		2 x 2.8 mm, straight	05.555.9121.0	50	2 x 2.8 mm, straight	05.555.9121.0	50
Tab connector		2 x 2.8 mm, angled	05.555.8921.0	50	2 x 2.8 mm, angled	05.555.8921.0	50
Tab connector		2.8 mm, straight	05.555.8621.0	50	2.8 mm, straight	05.555.8621.0	50
Tab connector		2.8 mm, angled	05.555.8821.0	50	2.8 mm, angled	05.555.8821.0	50
Mounting rail 35, DIN rail 7.5 high	L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 hoc	L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G-rail	L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
End clamp, Polyamide	8 mm wide TS 35	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide	10 mm wide U-Foot	WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
Marking tag carrier		9003 C/4	04.242.1050.0	200	9003 C/4	04.242.1050.0	200
Marking tag, unmarked		9003 C	04.241.0651.0	500	9003 C	04.241.0651.0	500
Marking tag, marked		9003 CB	04.841.0651.0	500	9003 CB	04.841.0651.0	500

Electronic housings
WEB housing system

housing system

Possible areas of application:
- Devices and controllers for consumers electronics
- Industrial electronics
- Control technology
- Data technology

Material:
Housing: PA 6   UL 94-HB
Foot: PA 66   UL 94-V2
Cover: PC   UL 94-HB

Dimensions (mm): W x H x D / for PCB

	Size 8 93 x 42 x 96 / for PCB 93 x 89.6			**Size 9** 93 x 74 x 96 / for PCB 93/63 x 89.6		
Description		Part No.	Std. Pack		Part No.	Std. Pack
Electronic housings, complete with U-Foot, without PCB		87.080.0053.0	10		87.090.0053.0	10
(The housings are supplied unassembled and						
without PCBs)						
Individual parts						
1. Housing		01.001.5453.0	50		01.001.5353.0	10
Housing		01.001.5453.0	50		01.001.5353.0	10
2. Cover		04.312.3254.0	50		04.312.3554.0	50
4. Universal foot		05.583.0153.0	50		05.583.0153.0	50
Connection technique						
PCB connectors with 5 mm spacing		Type 8190, 8191, 8192, 8113, 8142			Type 8190, 8191, 8192, 8113, 8142	
PCB connectors with 5.08 mm spacing		Type 8213, 8281, 8291, 8292			Type 8213, 8281, 8291, 8292	
PCB connectors with 7.5 mm spacing		Type 8313, 8390, 8391			Type 8313, 8390, 8391	
PCB connectors with 7.62 mm spacing		Type 8413, 8491			Type 8413, 8491	
PCB connectors with 3.5 mm spacing		Type 8543, 8593			Type 8543, 8593	
PCB connectors with 3.81 mm spacing		Type 8813, 8893			Type 8813, 8893	
Technical data						
Materials		Ms tin-plated			Ms tin-plated	
PCB hole diameter		1.3 – 1.4 mm			1.3 – 1.4 mm	
PCB hole spacing		5 mm			5 mm	
Accessories						
Tab connector		6.3 mm, straight	05.555.8521.0	50	6.3 mm, straight	05.555.8521.0	50
Tab connector		6.3 mm, angled	05.555.8721.0	50	6.3 mm, angled	05.555.8721.0	50
Tab connector		2 x 2.8 mm, straight	05.555.9121.0	50	2 x 2.8 mm, straight	05.555.9121.0	50
Tab connector		2 x 2.8 mm, angled	05.555.8921.0	50	2 x 2.8 mm, angled	05.555.8921.0	50
Tab connector		2.8 mm, straight	05.555.8621.0	50	2.8 mm, straight	05.555.8621.0	50
Tab connector		2.8 mm, angled	05.555.8821.0	50	2.8 mm, angled	05.555.8821.0	50
Mounting rail 35, DIN rail 7.5 high L = 2 m		35 x 27 x 7.5 EN 50022	98.300.0000.0	1	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 high L = 2 m		35 x 24 x 15 EN 50022	98.360.0000.0	1	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G rail L = 2 m		9006 EN 50035 G-32	98.190.0000.0	1	9006 EN 50035 G-32	98.190.0000.0	1
End clamp, Polyamide 8 mm wide TS 35		9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot		WE 1/U	Z5.523.5753.0	100	WE 1/U	Z5.523.5753.0	100
Marking tag carrier		9003 C/4	04.242.1050.0	200	9003 C/4	04.242.1050.0	200
Marking tag, unmarked		9003 C	04.241.0651.0	500	9003 C	04.241.0651.0	500
Marking tag, marked		9003 CB	04.841.0651.0	500	9003 CB	04.841.0651.0	500

🌱 **wieland**   Subject to change without further notice

Electronic housings
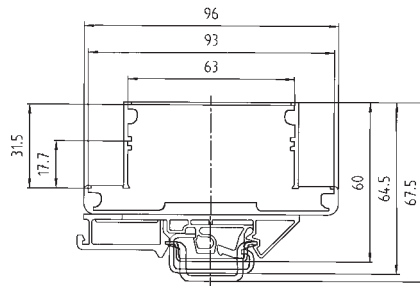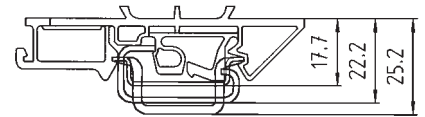## WEB housing system

housing system

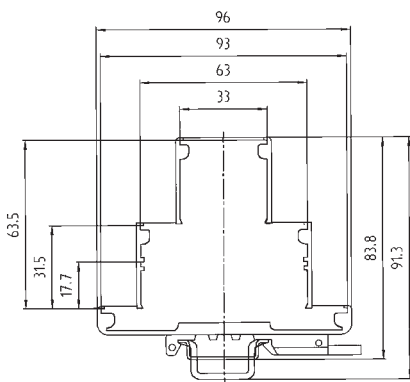**Dimensions for WEB housing for sizes 1, 3, 6 and 8 with TS 35 foot**
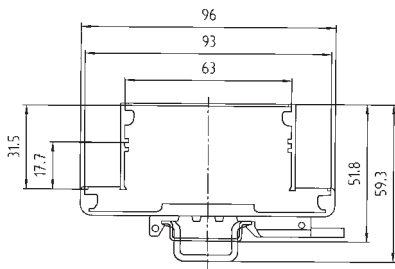
Dimensions for WEB housing for sizes 1, 3, 6 and 8 with universal foot
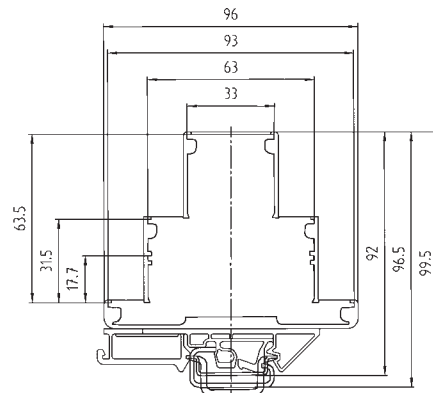
Dimensions of universal foot

Dimensions for WEB housing for sizes 2, 4, 7 and 9 with TS 35 foot

Dimensions for WEB housing for sizes 2, 4, 7 and 9 with universal foot

Electronic housings
WEB housing system

System advantages:
- Open modules can be snapped together to any length
- Complete custom design possible
- The modular design enables quick assembly
- High torsional rigidity due to the firm interconnection of the individual elements
- Can be snapped onto all 32/35 DIN rails using the universal foot

Material:
Housing: PA 6 GU30 UL 94-HB
Foot: PA 66   UL 94-V2

WEB 1001

Dimensions (mm): W x H x D   Variable x 96 x 33.5

Individual parts	Type	Part No.	Std. Pack
1. End cover with marking tag carrier	12.8 mm wide	01.001.5593.0	50
1. End cover without marking tag carrier	12.8 mm wide	01.001.5953.0	10
2. Middle section of housing	12.8 mm wide	01.001.5853.0	50
3. Middle section of housing	22.5 mm wide	01.001.5653.0	50
4. Middle section of housing	44.8 mm wide	01.001.5753.0	50
5. Universal foot	23 mm wide	05.583.0053.0	50
5. Universal foot (overall width from 70.4 mm and wider)	68 mm wide	05.583.0153.0	50

Accessories			
Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G-rail L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1
PCB (not included)	see drawing for dimensions		
End clamp, Polyamide 8 mm wide TS 35	9708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot	WE 1/U	Z5.523.5753.0	100
Marking tag, unmarked	9003 C	04.242.0850.0	500
Marking tag, marked	9003 CB	04.842.0850.0	500

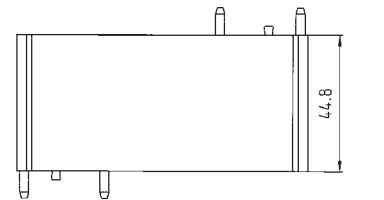Width 12.8 mm   01.001.5593.0   50
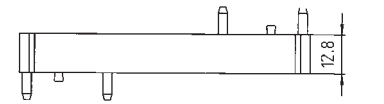
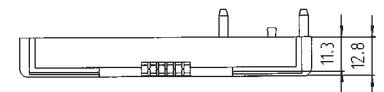Width 12.8 mm   01.001.5853.0   50
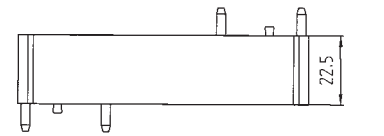
Width 22.5 mm   01.001.5653.0   50

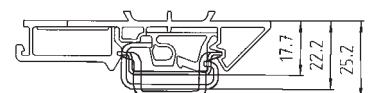Width 44.8 mm   01.001.5753.0   50

01.001.5593.0   50

Universal foot

Width 23 mm   05.583.0053.0   50
Width 68 mm   05.583.0153.0   50
(overall width from 70.4 mm)

Subject to change without further notice

Electronic housings
WEB housing system

housing system

System advantages:
- Open modules can be snapped together to any length
- Complete custom design possible
- The modular design enables quick assembly
- High torsional rigidity due to the firm interconnection of the individual elements
- Can be snapped onto all 32/35 DIN rails using the universal foot
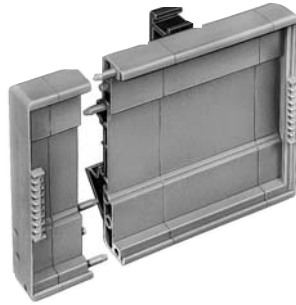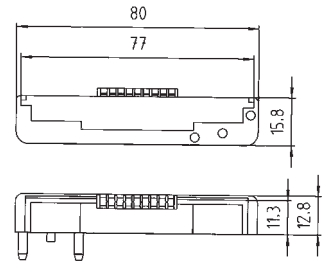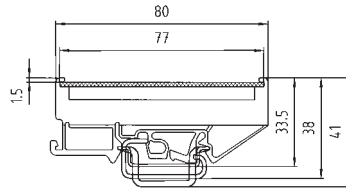
Material:
Housing: PA 6 GU30 UL 94-HB
Foot: PA 66   UL 94-V2

WEB 1002

Dimensions (mm): W x H x D   Variable x 80 x 33.5

Individual parts	Type	Part No.	Std. Pack
1. End cover with marking tag carrier	12.8 mm wide	01.001.6493.0	50
2. Middle section of housing	12.8 mm wide	01.001.6553.0	50
3. Middle section of housing	22.5 mm wide	01.001.6653.0	50
4. Middle section of housing	44.8 mm wide	01.001.6753.0	50
5. Universal foot	23 mm wide	05.584.8853.0	50
5. Universal foot (overall width from 70.4 mm and wider)	68 mm wide	05.584.8953.0	50

| Accessories			
Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G-rail L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1
PCB (not included)	see drawing for dimensions		
End clamp, Polyamide 8 mm wide TS 35	9708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot	WE 1/U	Z5.523.5753.0	100
Marking tag, unmarked	9003 C	04.242.0850.0	500
Marking tag, marked	9003 CB	04.842.0850.0	500

Width 12.8 mm   01.001.6493.0   50
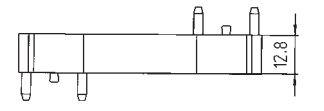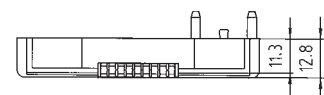
Width 12.8 mm   01.001.6553.0   50
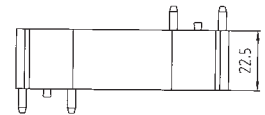
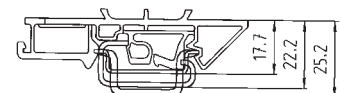Width 22.5 mm   01.001.6653.0   50
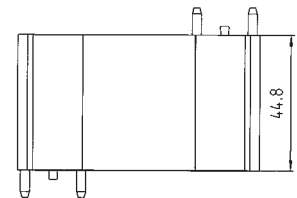
Width 44.8 mm   01.001.6753.0   50

01.001.6493.0   50

Universal foot

Width 23 mm   05.584.8853.0   50
Width 68 mm   05.584.8953.0   50
(overall width from 70.4 mm)

wieland

housing system

with integrated U-foot

System advantages:
- Open modules can be snapped together for any length
- Complete custom design possible
- The modular design enables quick assembly
- High torsional rigidity due to the firm interconnection of the individual elements
- Can be snapped onto all 32/35 DIN rails using the universal foot

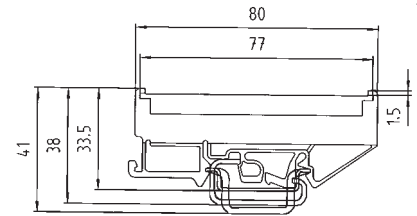Material:
Housing: PA 6 GU30 UL 94-HB
Foot: PA 66   UL 94-V2

WEB 1002 with integrated U-Foot
Variable x 80 x 33.5

Dimensions (mm): W x H x D

Individual parts	Type	Part No.	Std. Pack
1. End cover with integrated U-foot	11 mm wide	01.001.6293.0	1
2. Middle section with integrated U-foot	10 mm wide	01.001.6353.0	50
3. End plate	1 mm wide	07.310.9653.0	50

Accessories			
Mounting rail 35, DIN rail 7.5 mm high L = 2 m	35 x 27 x 7.5 EN 50022	98.300.0000.0	1
Mounting rail 35, DIN rail 15 mm high L = 2 m	35 x 24 x 15 EN 50022	98.360.0000.0	1
Mounting rail 32, G-rail L = 2 m	9006 EN 50035 G-32	98.190.0000.0	1
PCB (not included)	see drawing for dimensions		
End clamp, Polyamide 8 mm wide TS 35	9708/2 S 35	Z5.522.8553.0	100
End clamp, Polyamide 10 mm wide U-Foot	WE 1/U	Z5.523.5753.0	100
Marking tag, unmarked	9003 C	04.242.0850.0	500
Marking tag, marked	9003 CB	04.842.0850.0	500

Width 11 mm   01.001.6293.0   1
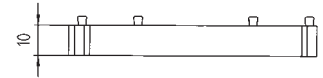
Width 10 mm   01.001.6553.0   50
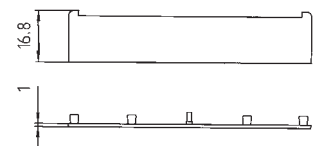
Width 1 mm   07.310.9653.0   50

Electronic housings
Marking accessories for WEB housing system

housing system

Material:
Polyamide 66/6
Color: black figures on white background

Marking tag carrier
10 mm spacing

Type	Part No.	Std. Pack
marked for 5 terminals (every 2nd tag)		
9705 A/5/10/5 B	04.842.5553.0	25

Marking tag carrier
for WEB housings

	04.242.1050.0	200

Marking tag
3 digits   Single tag

Type	Part No.	Std. Pack
unmarked		
9705 A	04.242.0850.0	500
marked*		
9705 AB	04.842.0850.0	500

* Please indicate the required marking
  together with the part number!

Standard pack = 500 tags

Marking tag
8 digits   Single tag
unmarked

Type	Part No.	Std. Pack
9705 AL	04.242.1553.0	500
marked*		
9705 ALB	04.842.1553.0	500

* Please indicate the required marking
  together with the part number!

Standard pack = 500 tags

Marking strip
10 mm spacing

Type	Part No.	Std. Pack
unmarked		
9705 A/5/10	04.242.5053.0	25
marked*		
9705 A/5/10 B	04.842.5053.0	25
with enlarged marking area		
9705 AL/5/10	04.242.5153.0	25

* Please indicate the required marking
  together with the part number!

**Standard pack = 25 strips
              = 250 tags**

Marking strip
5 mm spacing

9705 A/5/9 B	04.842.4953.0	25

Marking on the strips:
1 ... 9

**Standard pack = 25 strips
              = 225 tags**

Electronic housings
Marking accessories for WEB housing system

housing system

Bezeichnungsschilderast mit 10 Bezeichnungsschildern	Marking per strip	Type	Part No.	Std. Pack
unmarked		9704 A	04.241.1150.0	25
marked with the same number	1 1 1 1 1 1 1 1 1 1	9704 A/1 B	04.841.1150.0	25
	2 2 2 2 2 2 2 2 2 2	9704 A/2 B	04.841.1250.0	25
	3 3 3 3 3 3 3 3 3 3	9704 A/3 B	04.841.1350.0	25
	4 4 4 4 4 4 4 4 4 4	9704 A/4 B	04.841.1450.0	25
	5 5 5 5 5 5 5 5 5 5	9704 A/5 B	04.841.1550.0	25
	6 6 6 6 6 6 6 6 6 6	9704 A/6 B	04.841.1650.0	25
	7 7 7 7 7 7 7 7 7 7	9704 A/7 B	04.841.1750.0	25
	8 8 8 8 8 8 8 8 8 8	9704 A/8 B	04.841.1850.0	25
	9 9 9 9 9 9 9 9 9 9	9704 A/9 B	04.841.1950.0	25
	0 0 0 0 0 0 0 0 0 0	9704 A/0 B	04.841.2050.0	25
marked with consecutive numbers	1 2 3 4 5 6 7 8 9 0	9704 A/1-0 B	04.841.2150.0	25
marked with the same upper-case letters	A A A A A A A A A A	9704 A/AG B	04.841.2250.0	25
	B B B B B B B B B B	9704 A/BG B	04.841.2350.0	25
	C C C C C C C C C C	9704 A/CG B	04.841.2450.0	25
	D D D D D D D D D D	9704 A/DG B	04.841.2550.0	25
	E E E E E E E E E E	9704 A/EG B	04.841.2650.0	25
	F F F F F F F F F F	9704 A/FG B	04.841.2750.0	25
	G G G G G G G G G G	9704 A/GG B	04.841.2850.0	25
	H H H H H H H H H H	9704 A/HG B	04.841.2950.0	25
	I I I I I I I I I I	9704 A/IG B	04.841.3050.0	25
	J J J J J J J J J J	9704 A/JG B	04.841.3150.0	25
	K K K K K K K K K K	9704 A/KG B	04.841.3250.0	25
	L L L L L L L L L L	9704 A/LG B	04.841.3350.0	25
	M M M M M M M M M M	9704 A/MG B	04.841.3450.0	25
	N N N N N N N N N N	9704 A/NG B	04.841.3550.0	25
	O O O O O O O O O O	9704 A/OG B	04.841.3650.0	25
	P P P P P P P P P P	9704 A/PG B	04.841.3750.0	25
	Q Q Q Q Q Q Q Q Q Q	9704 A/QG B	04.841.3850.0	25
	R R R R R R R R R R	9704 A/RG B	04.841.3950.0	25
	S S S S S S S S S S	9704 A/SG B	04.841.4050.0	25
	T T T T T T T T T T	9704 A/TG B	04.841.4150.0	25
	U U U U U U U U U U	9704 A/UG B	04.841.4250.0	25
	V V V V V V V V V V	9704 A/VG B	04.841.4350.0	25
	W W W W W W W W W W	9704 A/WG B	04.841.4450.0	25
	X X X X X X X X X X	9704 A/XG B	04.841.4550.0	25
	Y Y Y Y Y Y Y Y Y Y	9704 A/YG B	04.841.4650.0	25
	Z Z Z Z Z Z Z Z Z Z	9704 A/ZG B	04.841.4750.0	25
marked with the same lower-case letters	a a a a a a a a a a	9704 A/AK B	04.841.4850.0	25
	b b b b b b b b b b	9704 A/BK B	04.841.4950.0	25
	c c c c c c c c c c	9704 A/CK B	04.841.5050.0	25
	d d d d d d d d d d	9704 A/DK B	04.841.5150.0	25
	e e e e e e e e e e	9704 A/EK B	04.841.5250.0	25
	f f f f f f f f f f	9704 A/FK B	04.841.5350.0	25
	g g g g g g g g g g	9704 A/GK B	04.841.5450.0	25
	h h h h h h h h h h	9704 A/HK B	04.841.5550.0	25
	i i i i i i i i i i	9704 A/IK B	04.841.5650.0	25
	j j j j j j j j j j	9704 A/JK B	04.841.5750.0	25
	k k k k k k k k k k	9704 A/KK B	04.841.5850.0	25
	l l l l l l l l l l	9704 A/LK B	04.841.5950.0	25
	m m m m m m m m m m	9704 A/MK B	04.841.6050.0	25
	n n n n n n n n n n	9704 A/NK B	04.841.6150.0	25
	o o o o o o o o o o	9704 A/OK B	04.841.6250.0	25
	p p p p p p p p p p	9704 A/PK B	04.841.6350.0	25
	q q q q q q q q q q	9704 A/QK B	04.841.6450.0	25
	r r r r r r r r r r	9704 A/RK B	04.841.6550.0	25
	s s s s s s s s s s	9704 A/SK B	04.841.6650.0	25
	t t t t t t t t t t	9704 A/TK B	04.841.6750.0	25
	u u u u u u u u u u	9704 A/UK B	04.841.6850.0	25
	v v v v v v v v v v	9704 A/VK B	04.841.6950.0	25
	w w w w w w w w w w	9704 A/WK B	04.841.7050.0	25
	x x x x x x x x x x	9704 A/XK B	04.841.7150.0	25
	y y y y y y y y y y	9704 A/YK B	04.841.7250.0	25
	z z z z z z z z z z	9704 A/ZK B	04.841.7350.0	25
marked with the same symbols	+ + + + + + + + + +	9704 A/+ B	04.841.7450.0	25
	– – – – – – – – – –	9704 A/– B	04.841.7550.0	25
	/ / / / / / / / / /	9704 A// B	04.841.7650.0	25
	. . . .	9704 A/. B	04.841.7750.0	25
1 set of the same numbers = 10 x 25 strips = 2500 numbers	1 1 1 ... 0 0 0	111 through 000	04.841.9050.0	1
1 set of u-case letters = 26 x 25 strips = 6500 letters	A A A ... Z Z Z	A through Z GB	04.841.9150.0	1
1 set of l-case letters = 26 x 25 strips = 6500 letters	a a a ... z z z	a through z KB	04.841.9250.0	1

▼ **wieland**

Subject to change without further notice

housing system

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