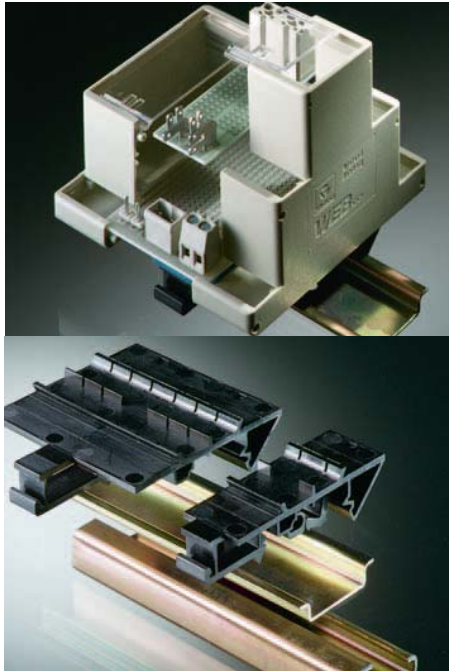# Electronic housings
General information on the WEB housing system

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

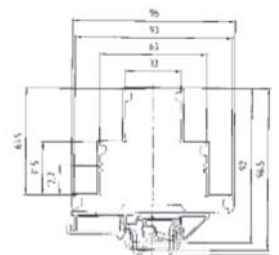## Marking systems
❑ Snap-on terminal and housing marking
❑ Multi-digit marking tags
❑ Single tags, marking strips
❑ Tear-off marking strips
❑ Individual marking possible using figures or symbols

WEB
closed housing
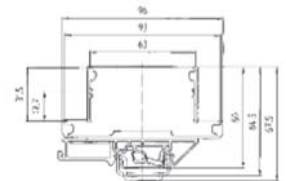
WEB
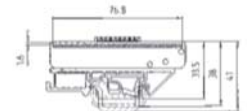closed housing

WEB
open housing

WEB
open housing

wieland

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
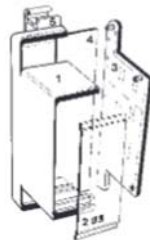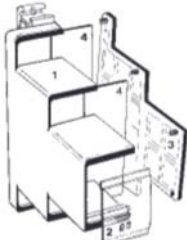Cover: PC   UL 94-HB

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

Size 1	**Size 2**
27 x 42 x 96 / for PCB 93 x 22	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
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
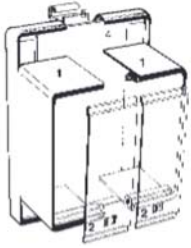Cover: PC   UL 94-HB

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
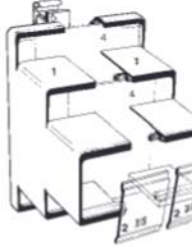Foot: PA 66 UL 94-V2
Cover: PC   UL 94-HB

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

| | **Size 6** | | **Size 7** | |
| | 70.5 x 42 x 96 / for PCB 93 x 67 | | 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
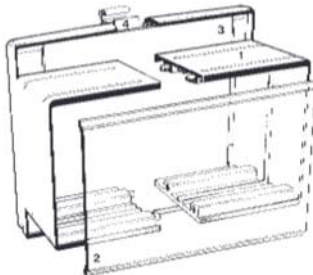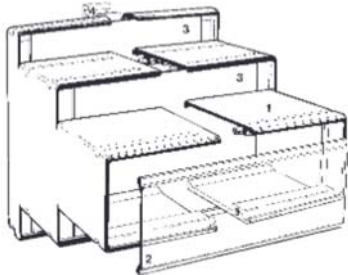Foot: PA 66   UL 94-V2
Cover: PC   UL 94-HB

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

Subject to change without further notice
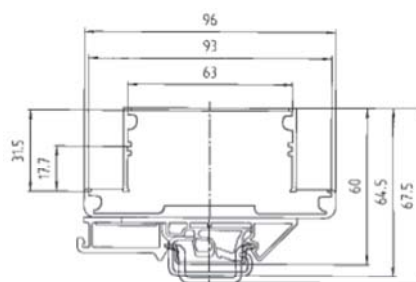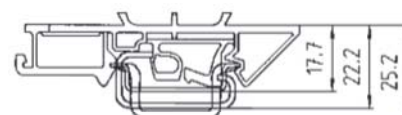
housing system

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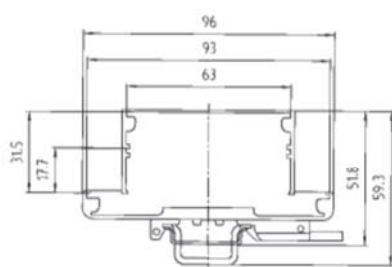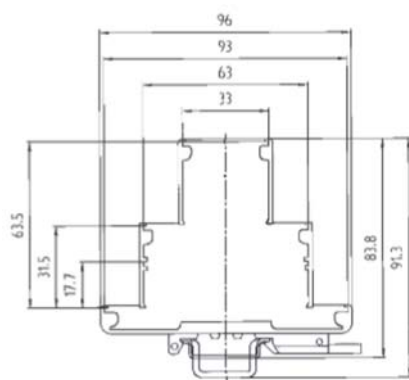
Dimensions for WEB housing for sizes 1, 3, 6 and 8 with universal foot

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