



PRODUCT CATALOG
25



Türkiye
Discover
the potential

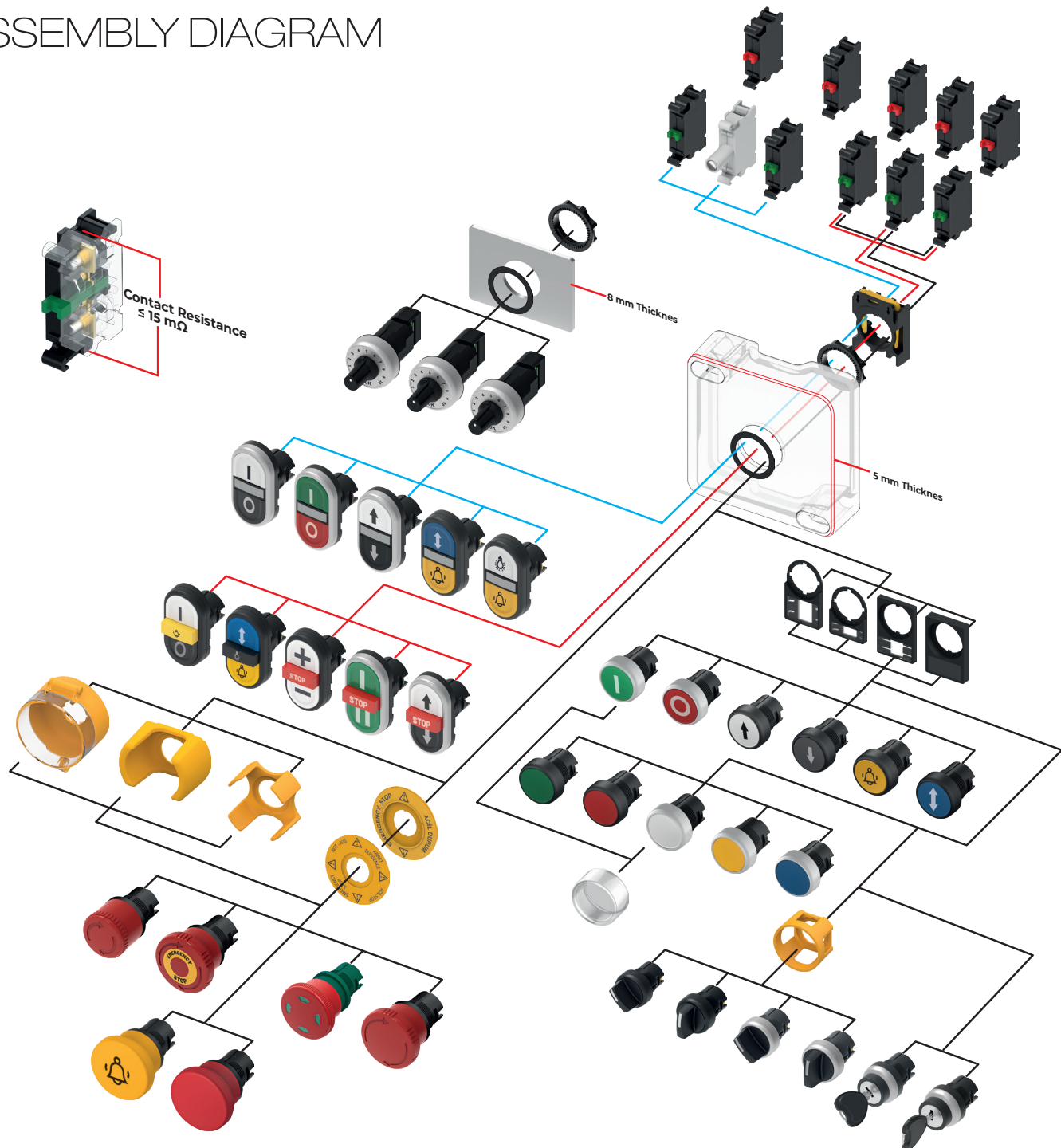
Weiller

The logo features the word "Weiller" in a stylized, italicized font. The letters "Weill" are blue, and the letters "er" are green. The text is centered within a white parallelogram that has a thin green border. This parallelogram is set against a background of three diagonal stripes: a grey stripe on the left, a white stripe in the middle (containing the logo), and a green stripe on the right.

Weiller



ASSEMBLY DIAGRAM





Weiller – Tailor-Made Solutions

Weiller is a manufacturer in the field of industrial electrical equipment, leveraging the strength of domestic production and customer-friendly solutions.

Staying true to our core principle of customer satisfaction, which serves as our fundamental goal and business approach. We have been serving our customers and solution partners in the Elevator, Lift, Automation, and Electronics sectors since 2010 from our 3000m² production facility located in Sancaktepe, Istanbul, Türkiye.

At our production facility in Istanbul, we design and manufacture electrical control components that are critical for production automation in the lift, crane, and elevator industries, combining local engineering expertise with a perfectionistic approach to quality.

We take great pride in being a personalized product provider for our customers, which is our greatest advantage as a manufacturer in the product groups we offer solutions for.

As Weiller, we aim to provide the most suitable and efficient solutions to meet our customers' needs while complying with international quality standards.

With our innovative product range and technological solutions, we aim to shape the future of our industry.

In addition to our standard productions, we offer tailor-made boutique solutions to meet our customers' special requests in the shortest possible time.

By modernizing our machinery in 2023, we have integrated our exacting production standards with a firm commitment to energy efficiency, delivering these benefits to our solution partners and advancing our efforts to reduce the our carbon footprint.

We provide sustainable solutions to our customers in various locations around the world, including Italy, Germany, the Czech Republic, Poland, Austria, Greece, Peru, Bosnia and Herzegovina, Egypt, Pakistan, and many other places.

Our Mission

To be a pioneer in the production of industrial electrical equipment in Turkey, making a difference in the industry with user-friendly, durable, and reliable products

Our Vision

To manufacture to global quality standards and establish ourselves as a preferred and suggested brand not only in Turkey but also in international markets.

To lead the sector with an innovative, robust manufacturing identity that consistently evolves its products.

Our Core Values

- * 100% Domestic Production Strength
- * Superior Material Quality & Extended Service Life
- * Innovative Product Development
- * Customer Satisfaction-Focused Approach
- * Competitive and Transparent Pricing Policy

What we do, we do well.

Weiller.





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WL22-AA51	11	WL22-AL7525	14	WL22-AS542NO	19	WL9-BX04SO	30	WL22-ELV5SL	71
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WL22-AA3371	11	WL22-BL7325	15	WL5-BR1	22	WL9-BX05GB	31	MPP1-CEN	80
WL22-AA3381	11	WL22-BL7425	15	WL5-KTG	22	WL9-BX06SB	31	MPP1-UK	80
WL22-AA4322	11	WL22-BL7525	15	WL5-AKKY	22	WL9-BX06GB	31	MPP1-AUC	80
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WL22-BA3371	12	WL22-BL437553	16	WL5-AP2	22	WL22-ELV111L	39	WL22-ELV67161PK	92
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WL22-AA3371Y	12	WL22-BD41	17	WL9-BX542AKKY	27	WL22-ELV116	47	WL22-ELV881PK	104
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WL22-AW3175-220	13	WL22-AG21	17	WL9-BX01SS	28	WL22-ELV173	49	WL22-ELV8PK	106
WL22-AW3375-220	13	WL22-AG33	17	WL9-BX-01S	28	WL22-ELV118	52	WL22-ELV8PKH	107
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WL22-AL3132	14	WL22-AK-323L-220	18	WL9-BX03GK	29	WL22-ELV4PK	61		
WL22-AL4151	14	WL22-AK-324L-220	18	WL9-BB04S	30	WL22-ELV433ML	62		
WL22-AL4252	14	WL22-AK-325L-220	18	WL9-BB04G	30	WL22-ELV4ML	63		
WL22-AL4353	14	WL22-AK-323L-24	18	WL9-BX05SO	30	WL22-ELV513PK	64		
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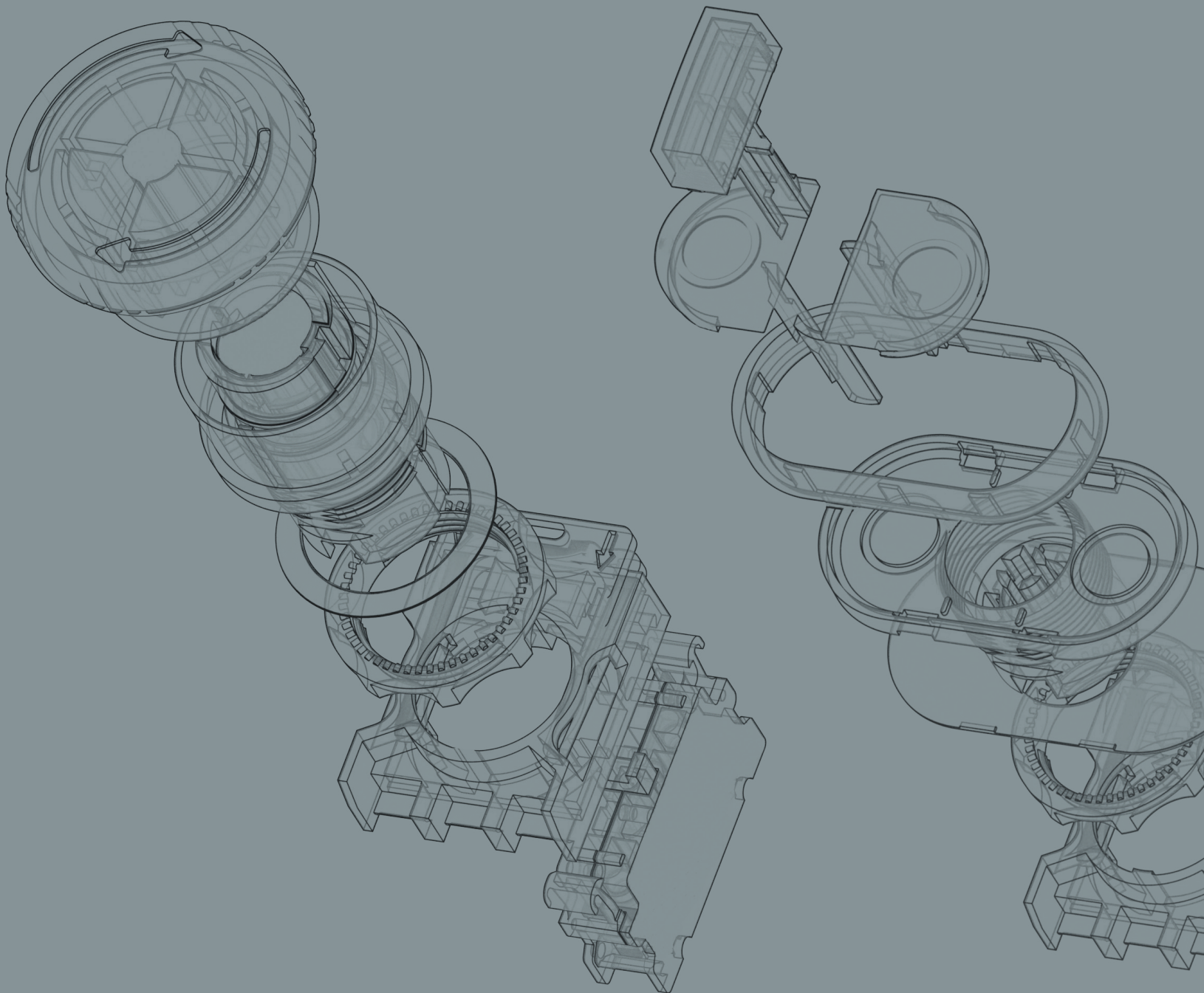
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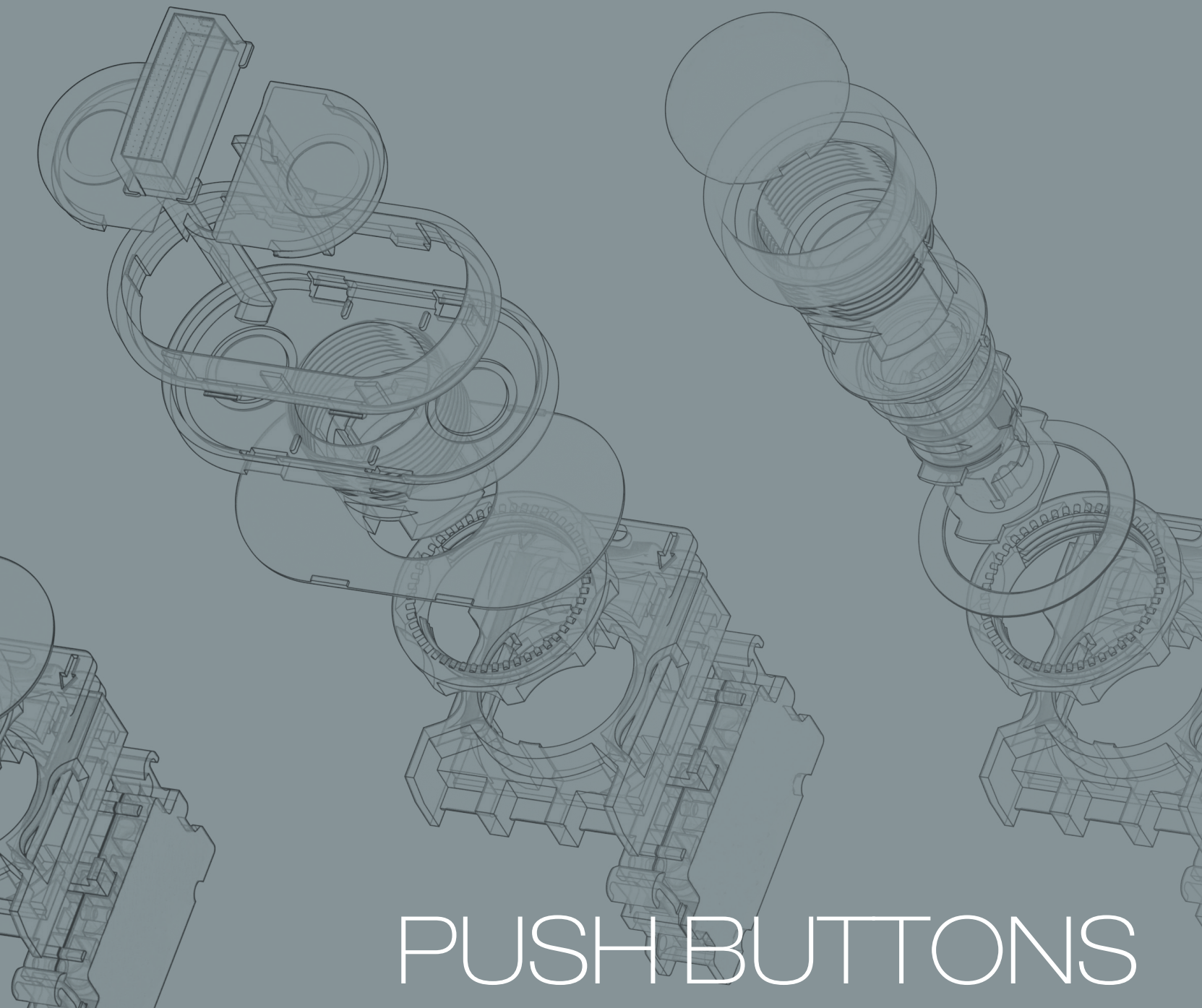
26-33



COMBINATIONS

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PUSH BUTTONS





TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
PUSH BUTTONS		WL22-AA31	1NO	10	
		WL22-AA42	1NC	10	
		WL22-AA51	1NO	10	
		WL22-AA61	1NO	10	
		WL22-AA11	1NO	10	
		WL22-AA21	1NO	10	



Custom markings are available per request

TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
PUSH BUTTONS WITH MARKING		WL22-AA3311	1NO	10	
		WL22-AA3312	1NO	10	
		WL22-AA3341	1NO	10	
		WL22-AA3351	1NO	10	
		WL22-AA3361	1NO	10	
		WL22-AA3371	1NO	10	
		WL22-AA3381	1NO	10	
		WL22-AA4322	1NC	10	



TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
CHROME PUSH BUTTONS		WL22-BA31	1NO	10	
		WL22-BA42	1NC	10	
		WL22-BA51	1NO	10	
		WL22-BA61	1NO	10	
		WL22-BA11	1NO	10	
		WL22-BA21	1NO	10	

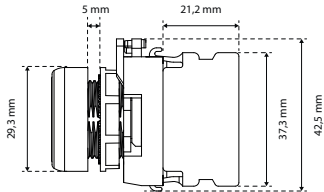


TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
CHROME PUSH BUTTONS WITH MARKING		WL22-BA3311	1NO	10	
		WL22-BA3312	1NO	10	
		WL22-BA3341	1NO	10	
		WL22-BA3351	1NO	10	
		WL22-BA3361	1NO	10	
		WL22-BA3371	1NO	10	
		WL22-BA3381	1NO	10	
		WL22-BA4322	1NC	10	

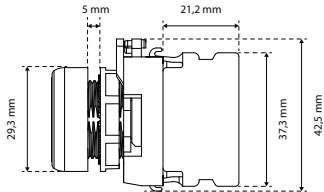


TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
PUSH BUTTONS WITH MARKING		WL22-AA3311Y	1NO	10	
		WL22-AA3312Y	1NO	10	
		WL22-AA3341Y	1NO	10	
		WL22-AA3351Y	1NO	10	
		WL22-AA3361Y	1NO	10	
		WL22-AA3371Y	1NO	10	
		WL22-AA3381Y	1NO	10	



TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
ILLUMINATED PUSH BUTTONS 220V		WL22-AW3175-220	1NO	10	
		WL22-AW3375-220	1NO	10	
		WL22-AW3475-220	1NC	10	
		WL22-AW3575-220	1NO	10	
		WL22-AW3675-220	1NO	10	



TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
ILLUMINATED PUSH BUTTONS 24V		WL22-AW3175-24	1NO	10	
		WL22-AW3375-24	1NO	10	
		WL22-AW3475-24	1NC	10	
		WL22-AW3575-24	1NO	10	
		WL22-AW3675-24	1NO	10	



Custom markings are available
per request

TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
TWIN BUTTONS		WL22-AL3132	2NO	10	
		WL22-AL4151	2NO	10	
		WL22-AL4252	2NO	10	
		WL22-AL4353	1NO 1NC	10	
		WL22-AL6171	2NO	10	
		WL22-AL6181	2NO	10	
		WL22-AL7181	2NO	10	
		WL22-AL7325	1NO 1NC	10	
		WL22-AL7425	1NO 1NC	10	
		WL22-AL7525	1NO 1NC	10	
		WL22-AL3161	2NO	10	



Custom markings are available
per request

TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
CHROME TWIN BUTTONS		WL22-BL3132	2NO	10	
		WL22-BL4151	2NO	10	
		WL22-BL4252	2NO	10	
		WL22-BL4353	1NO 1NC	10	
		WL22-BL6171	2NO	10	
		WL22-BL6181	2NO	10	
		WL22-BL7181	2NO	10	
		WL22-BL7325	1NO 1NC	10	
		WL22-BL7425	1NO 1NC	10	
		WL22-BL7525	1NO 1NC	10	
		WL22-AL3161	2NO	10	



Custom markings are available
per request

TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
TRIPLE BUTTONS		WL22-AL317532	2NO 1NC	10	
		WL22-AL417551	2NO 1NC	10	
		WL22-AL427552	2NO 1NC	10	
		WL22-AL437153	2NO 1NC	10	
		WL22-AL437553	2NO 1NC	10	
		WL22-AL618171	3NO	10	



Custom markings are available
per request

TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
CHROME TRIPLE BUTTONS		WL22-BL317532	2NO 1NC	10	
		WL22-BL417551	2NO 1NC	10	
		WL22-BL427552	2NO 1NC	10	
		WL22-BL437153	2NO 1NC	10	
		WL22-BL437553	2NO 1NC	10	
		WL22-BL618171	3NO	10	



TYPE	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED SELECTOR BUTTONS		WL22-AD21	1NO	10	
		WL22-AD33	2NO	10	
MOMENTARY SELECTOR BUTTONS		WL22-AD41	1NO	10	
		WL22-AD53	2NO	10	



TYPE	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
CHROME MAINTAINED SELECTOR BUTTONS		WL22-BD21	1NO	10	
		WL22-BD33	2NO	10	
CHROME MOMENTARY SELECTOR BUTTONS		WL22-BD41	1NO	10	
		WL22-BD53	2NO	10	



TYPE	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED KEY RELEASE SELECTOR BUTTONS		WL22-AG21	1NO	10	
		WL22-AG33	2NO	10	
MOMENTARY KEY RELEASE SELECTOR BUTTONS		WL22-AG61	1NO	10	
		WL22-AG73	2NO	10	



TYPE	COLOR INDEX	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED ILLUMINATED SELECTOR BUTTONS 220V			WL22-AK-123L-220	1NO	10	
			WL22-AK-124L-220	1NO	10	
			WL22-AK-125L-220	1NO	10	



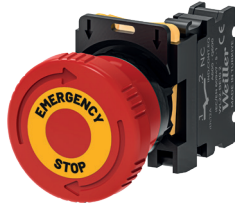
TYPE	COLOR INDEX	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED ILLUMINATED SELECTOR BUTTONS 24V			WL22-AK-123L-24	1NO	10	
			WL22-AK-124L-24	1NO	10	
			WL22-AK-125L-24	1NO	10	



TYPE	COLOR INDEX	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED ILLUMINATED SELECTOR BUTTONS 220V			WL22-AK-323L-220	1NO	10	
			WL22-AK-324L-220	1NC	10	
			WL22-AK-325L-220	1NO	10	

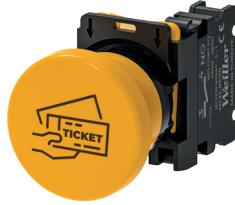


TYPE	COLOR INDEX	POSITION	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MAINTAINED ILLUMINATED SELECTOR BUTTONS 24V			WL22-AK-323L-24	1NO	10	
			WL22-AK-324L-24	1NC	10	
			WL22-AK-325L-24	1NO	10	



TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
Ø 30 TWIST TO RELEASE		WL22-AS442	1NC	10	
Ø 40 TWIST TO RELEASE		WL22-AS542	1NC	10	
Ø 40 TWIST TO RELEASE		WL22-AS542E	1NC	10	
Ø 40 TWIST TO RELEASE		WL22-AS542N0	1N0	10	
Ø 40 PUSH-PULL WITH VISION		WL22-AS642PC	1NC	10	

*Compliance with EN60947-5-5



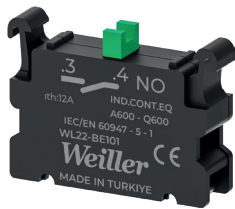
TYPE	COLOR INDEX	CODE	CONTACT	MIN. PACK QUANTITY	DIMENSIONS
MOMENTARY MUSHROOM BUTTONS		WL22-AC21	1N0	10	
		WL22-AC31	1N0	10	
		WL22-AC42	1NC	10	
		WL22-AC51	1N0	10	
		WL22-AC51T	1N0	10	

*Compliance with EN60947-5-1

STOP DEVICES



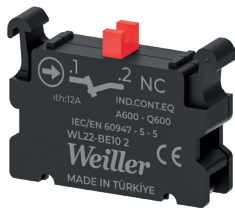
CONTACT BLOCKS (NO) **WL22-BE101**



SCHEME	FUNCTION	MIN. PACK QUANTITY	DIMENSIONS
		75	

*Compliance with EN60947-5-1

CONTACT BLOCKS (NC) **WL22-BE102**



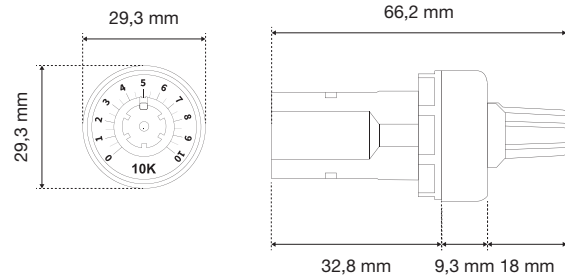
SCHEME	FUNCTION	MIN. PACK QUANTITY	DIMENSIONS
		75	

*Compliance with EN60947-5-1, EN60947-5-5

LED BLOCKS **WL22-BE103**



SCHEME	24V DC CODE	COLOR INDEX	220V AC CODE	DIMENSIONS
	WL22-BE103-71-24		WL22-BE103-71-220	
	WL22-BE103-73-24		WL22-BE103-73-220	
	WL22-BE103-74-24		WL22-BE103-74-220	
	WL22-BE103-75-24		WL22-BE103-75-220	
	WL22-BE103-76-24		WL22-BE103-76-220	
	WL22-BE103-77-24		WL22-BE103-77-220	



POTENTIOMETERS

General Data

Protection Degree	IP65 acc.to EN 60529 - EN ISO IEC
Glow-Wire Test According	700° / 39sec. EN 17025 - EN 60695
Ambient Temperature	-25°+70°

Mechanical Endurance

0.7W Version (Cermet)	50.000 Operating Cyceles
0.3W Version (Carbon)	10.000 Operating Cyceles
Tightenin Torque of the Fixing Ring	

Electrical Data

Rated Insulation Voltage	
Tightenin Torque of the Fixing Ring	2.....2.5Nm

Electrical Data

Rated Insulation Voltage	
0.7W Version (Cermet)	300 VAC/DC
0.3W Version (Carbon)	200 VAC
Resistive Material	Cermet / Carbon
Operation	+/-10%
Resistance Tolerance	Min. 1 x 0,34 mm ²
Cross Section of Rigid/Flexible Wires	Max. 1 x 15 mm ²
W.Wire-End Sleeve	
Wire Cross-Section with Pre-Insulated	Min. 1 x 0,34 mm ²
Standards	*EN 60947-5-1, *IEC 60695-211:2014

CODE	RESISTANCE	INDEX	MIN.PACK QUANTITY
WL5-PT2K-M	2K		10
WL5-PT5K-M	5K		10
WL5-PT10K-M	10K		10

OBJECT	DESCRIPTION	SCHEME
	Potentiometer	Pin assignment: Z1 terminal, Z2 terminal, mobile cursor

Application Features. 0.7W Verison Cermet

Resistance	Max Power 85°
1kΩ	0.7W
2.2kΩ	0.7W
5kΩ	0.7W
10kΩ	0.7W

Application Features. 0.3W Verison Corbon

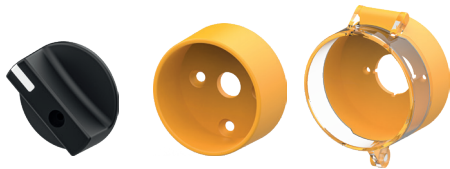
Resistance	Max Power 70°
1kΩ	0.30W
2.2kΩ	0.30W
5kΩ	0.30W
10kΩ	0.30W



ACCESSORIES



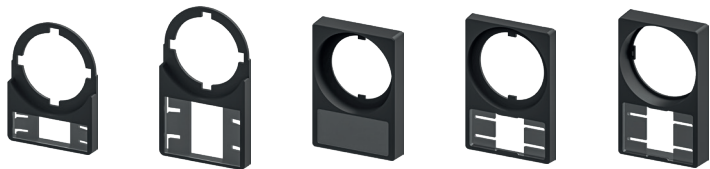
WL5-AKKM	WL5-AKKY	WL5-MKK
EMERGENCY STOP COVER GUARD	EMERGENCY STOP COVER GUARD	SELECTOR BUTTON COVER GUARD



WL5-CSH	WL5-CSP	WL5-ASP
CAM SWITCH KNOB	CAM SWITCH COVER GUARD	COMPLETE COVER GUARD



WL5-ER60TE	WL5-ER604L
EMERGENCY STOP WARNING RING	EMERGENCY STOP WARNING RING



WL5-BR1	WL5-BR2	WL5-SIE-R	WL5-SCH-R1	WL5-SCH-R2
LEGEND PLATES	LEGEND PLATES	LEGEND PLATES	LEGEND PLATES	LEGEND PLATES



WL5-AP2
IP67 SILICONE COVER



WL22-IT
BUTTON INSTALLATION TOOL

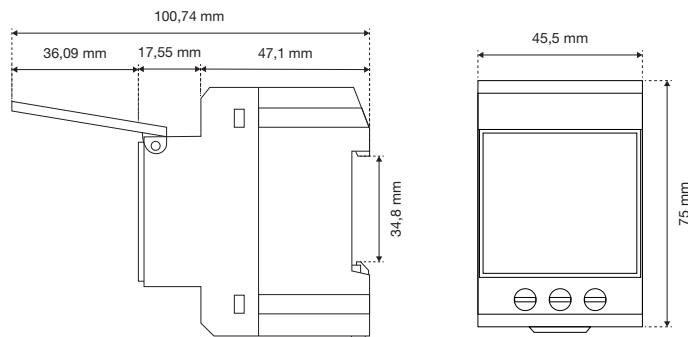


WL5-KTG	WL5-KTS	WL5-KTGG	WL5-KTSG
22mm BLIND CAP	22mm BLIND CAP WITH NUT	22mm BLIND CAP	22mm BLIND CAP WITH NUT



WL9-RMP

RMP-UPS

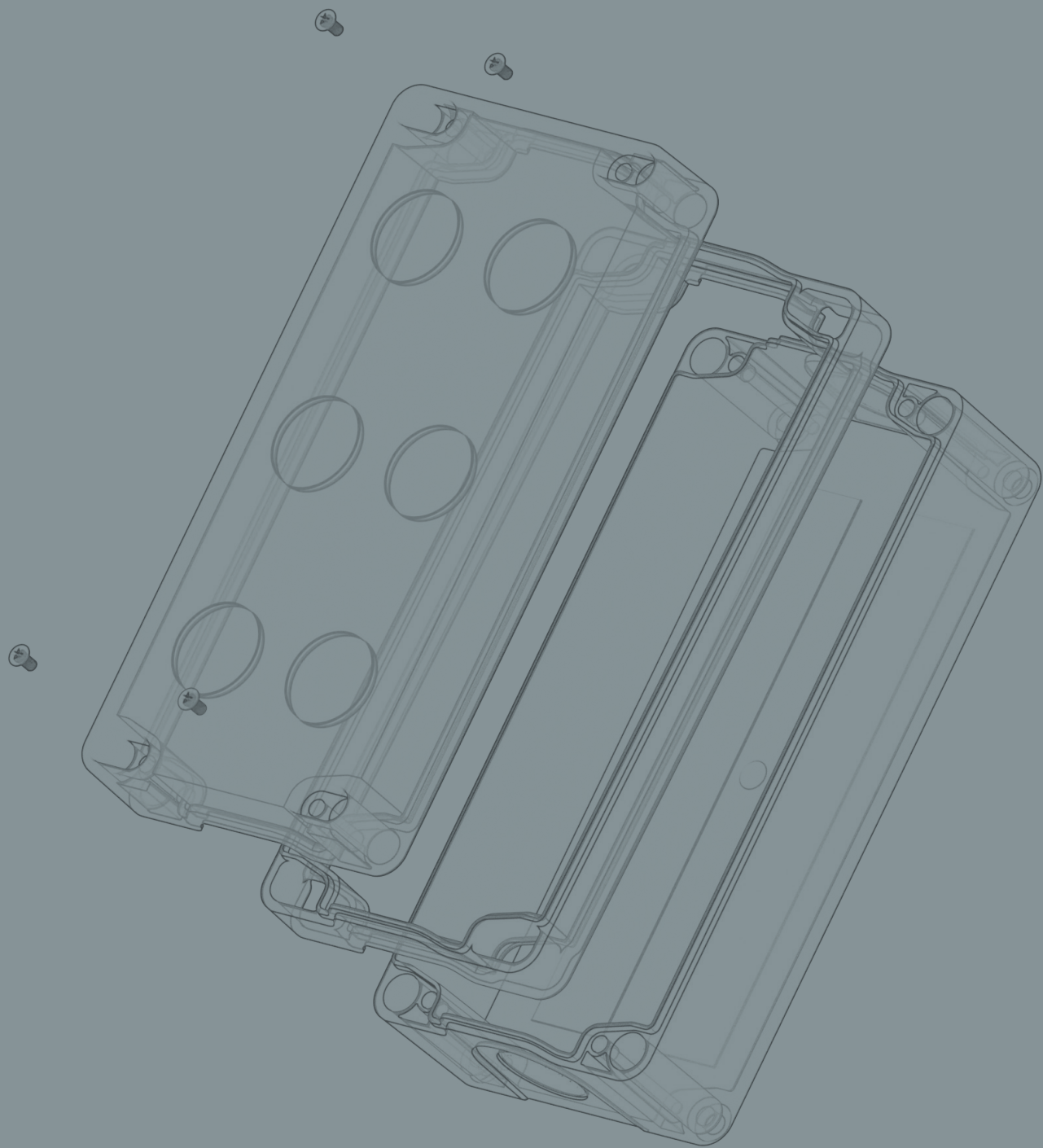


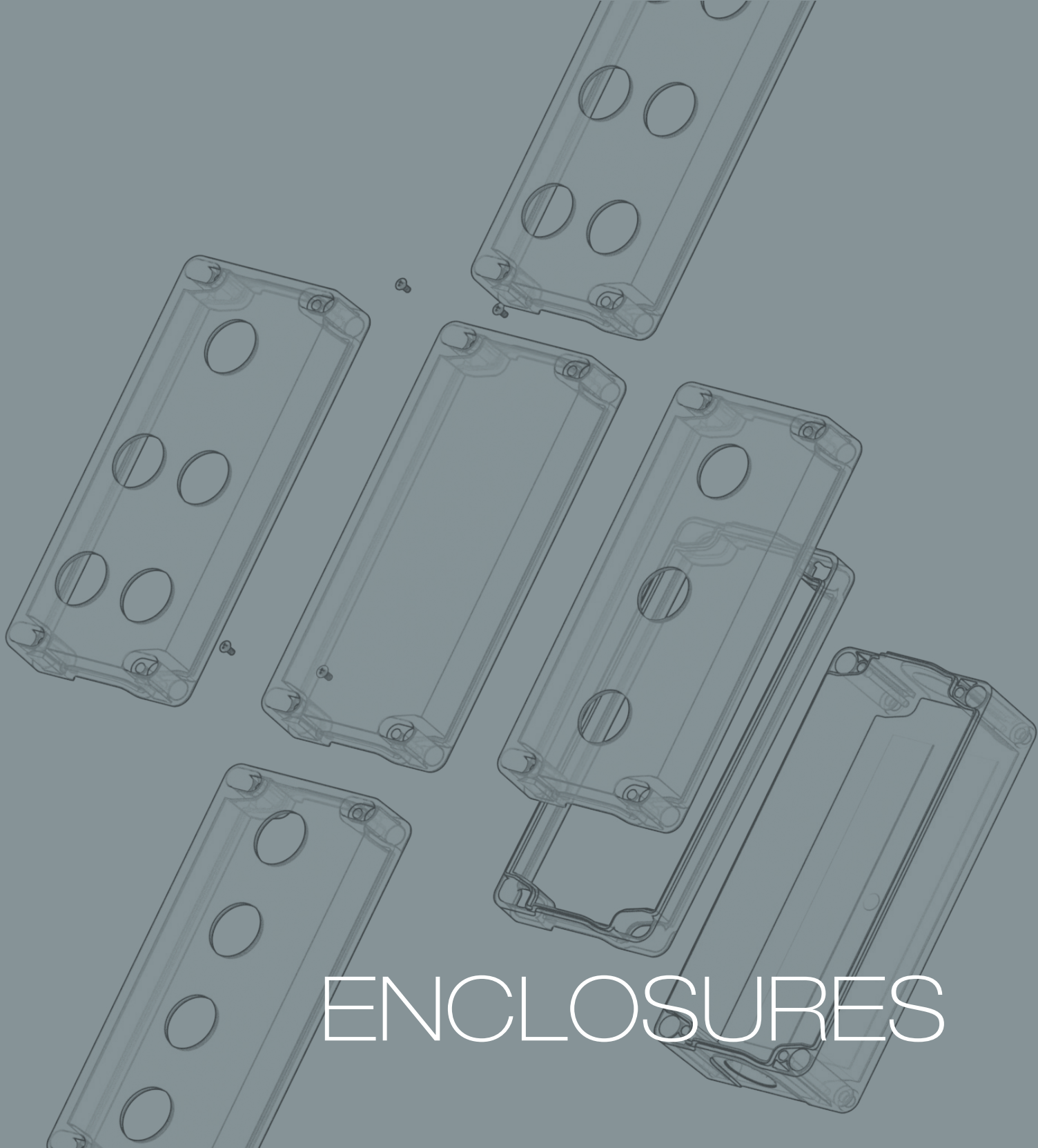
POWER SOCKETS

General Data

Connection	Screw Connection	
Screw Thread	M3,5	
Socket Type	Schuko & Cenelec	
Pole Type	2P+PE	
Tightening Torque	0.5 ... 0.6 Nm	
Stripping Length	8 mm	
Conductor Cross-Section Rigid	0.2 mm ² ... 4 mm ²	
Cross Section AWG	24 ... 12 (converted acc. to IEC)	
Conductor Cross-Section Flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²	
Flexible Conductor Cross-Section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²	
Nominal Current	16A	
Nominal Voltage	250 V AC (50/60 Hz)	
Color	gray (RAL 7035)	
Flammability	V0	
Pollution Grade	EN60747-1	III
Protection Class	EN60529	IP44
Degree Of Impact	EN10045	IK04
Ambiant Temperature	°C	Operating: -25, +70
	%RH	Storage: -30, +70
Ambiant Humidity	Operating: 35, 85	
	Storage: 35, 85	

CODE	SOCKETS	DESCRIPTION	UNIVERSAL PLUG SOCKETS
WL9-RMP		Schuko socket outlet 16A	STANDARD
RMP-UPS		Cenelec socket outlet 16A	STANDARD

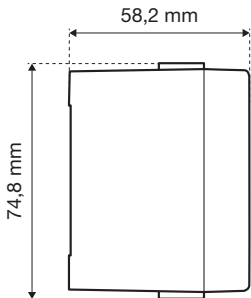
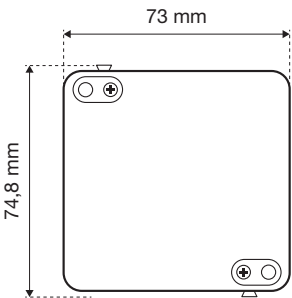




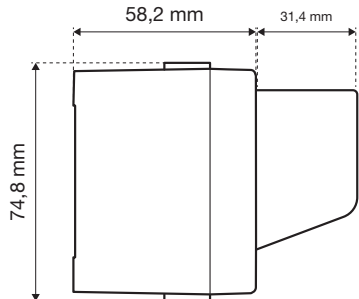
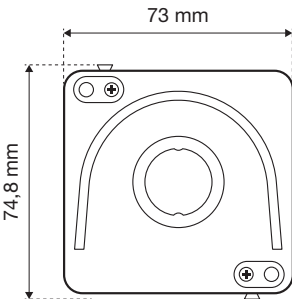
ENCLOSURES



TYPE	COLOR	CODE
FLAT	●	WL9-BB01SS

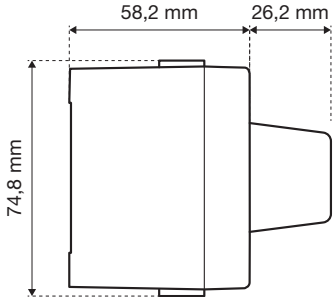
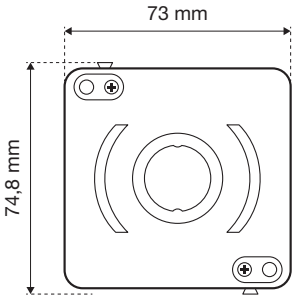


TYPE	COLOR	CODE
1 HOLE	●	WL9-BX542ASKK

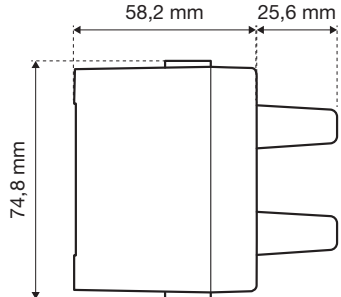
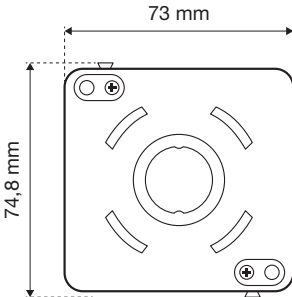




TYPE	COLOR	CODE
1 HOLE		WL9-BX542AKKY

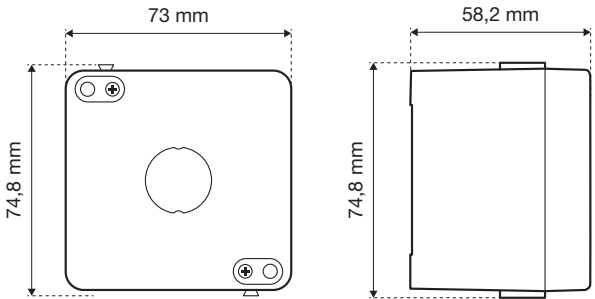


TYPE	COLOR	CODE
1 HOLE		WL9-BX542AKKM

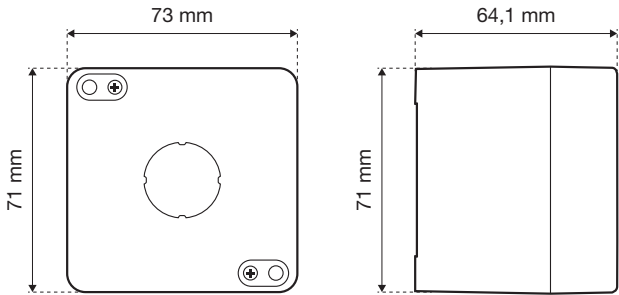


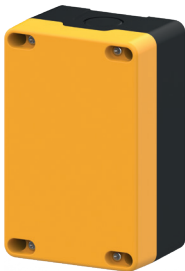


TYPE	COLOR	CODE
1 HOLE		WL9-BX01SS

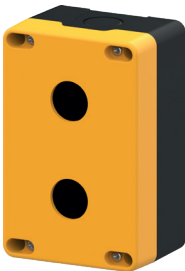


TYPE	COLOR	CODE
1 HOLE		WL9-BX01S
		WL9-BX01G





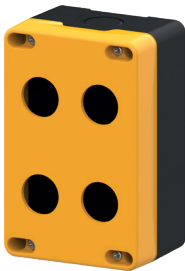
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FLAT		WL9-BB02S
		WL9-BB02G



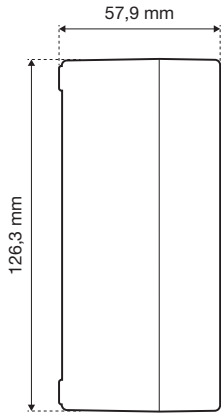
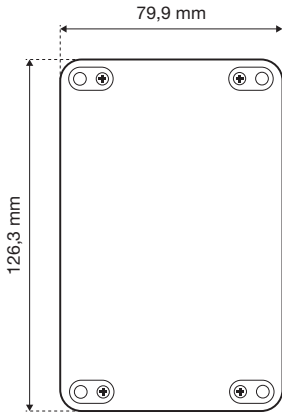
TYPE	COLOR	CODE
2 HOLE		WL9-BX02S
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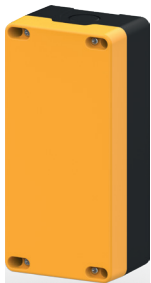


TYPE	COLOR	CODE
3 HOLE		WL9-BX03S
		WL9-BX03G



TYPE	COLOR	CODE
4 HOLE		WL9-BX04S
		WL9-BX04G





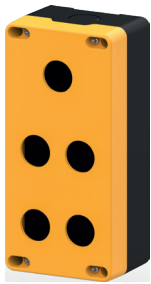
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FLAT		WL9-BB04S
		WL9-BB04G



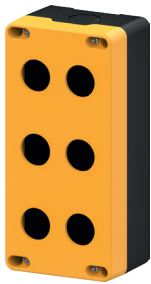
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		WL9-BX03G0



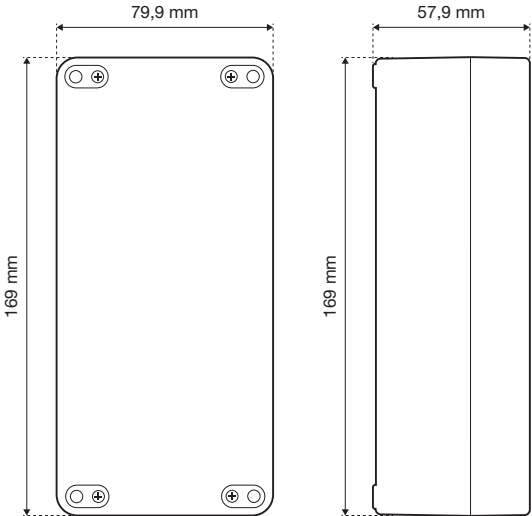
TYPE	COLOR	CODE
4 HOLE		WL9-BX04S0
		WL9-BX04G0



TYPE	COLOR	CODE
5 HOLE		WL9-BX05S0
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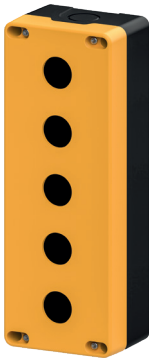


TYPE	COLOR	CODE
6 HOLE		WL9-BX06S0
		WL9-BX06G0

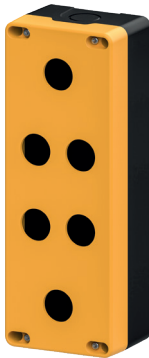




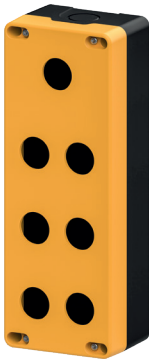
TYPE	COLOR	CODE
FLAT	●	WL9-BB05S
	●	WL9-BB05G



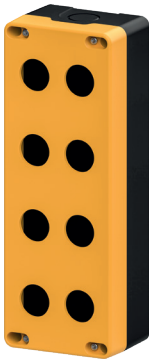
TYPE	COLOR	CODE
5 HOLE	●	WL9-BX05SB
	●	WL9-BX05GB



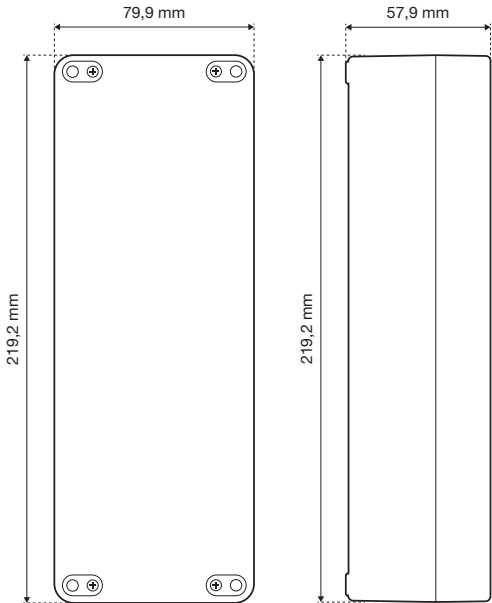
TYPE	COLOR	CODE
6 HOLE	●	WL9-BX06SB
	●	WL9-BX06GB



TYPE	COLOR	CODE
7 HOLE	●	WL9-BX07SB
	●	WL9-BX07GB



TYPE	COLOR	CODE
8 HOLE	●	WL9-BX08SB
	●	WL9-BX08GB





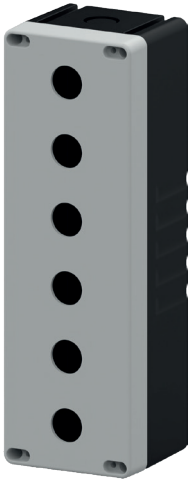
TYPE	COLOR	CODE
FLAT		WL9-BB07S
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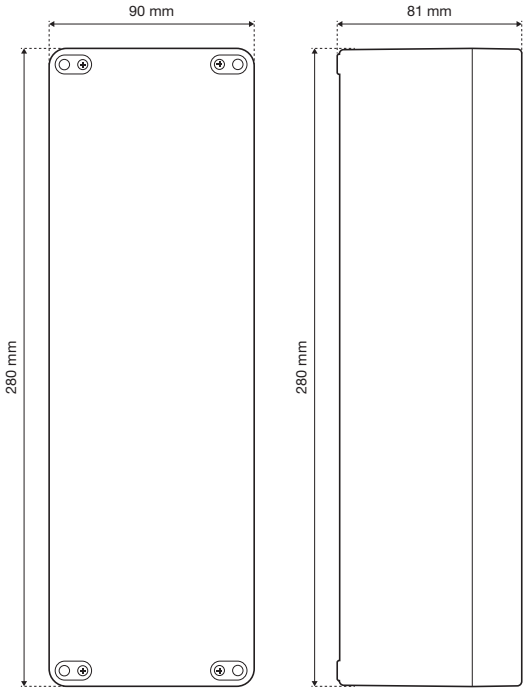
TYPE	COLOR	CODE
6 HOLE		WL9-BX06SB7
		WL9-BX06GB7



TYPE	COLOR	CODE
12 HOLE		WL9-BX12S
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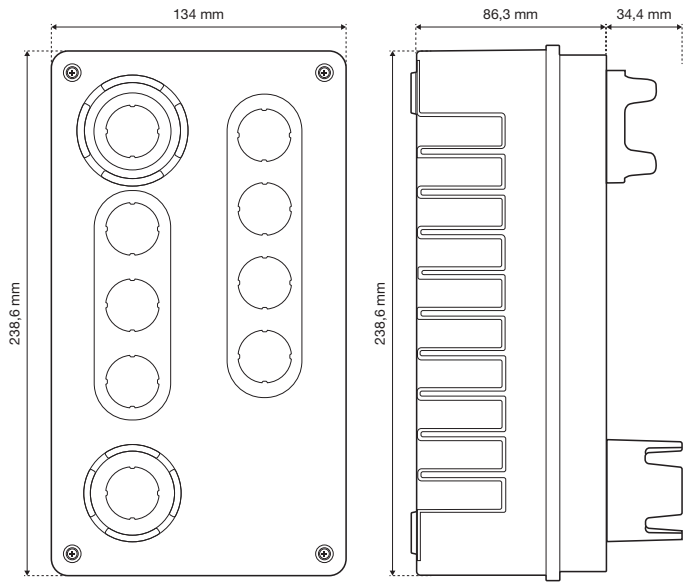


WL9-BX06GB7

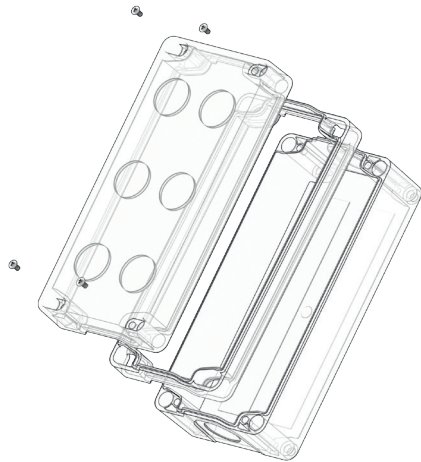




TYPE	COLOR	CODE
9 HOLE		WL9-BX09S
		WL9-BX09G

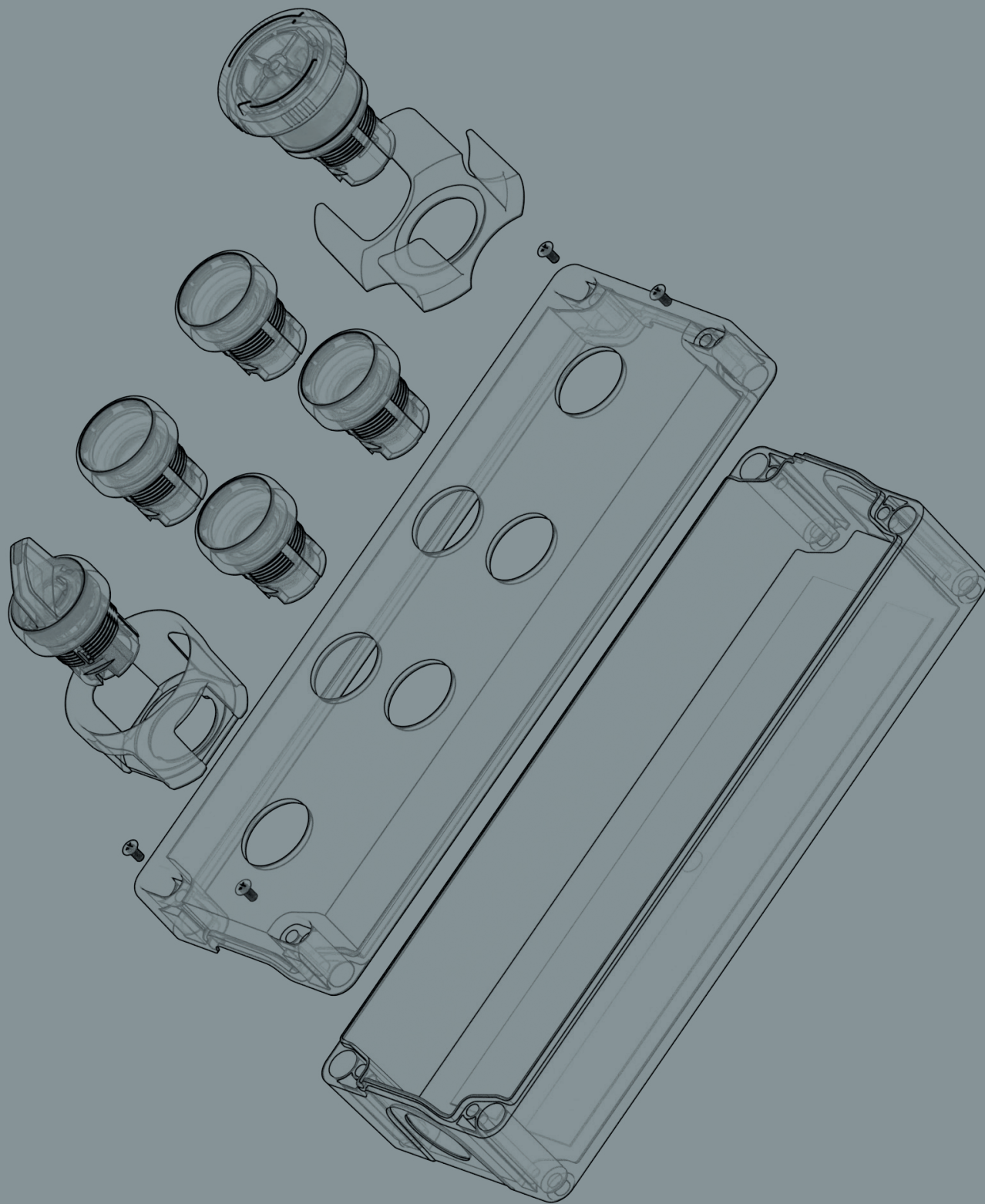


WL9-BX09G



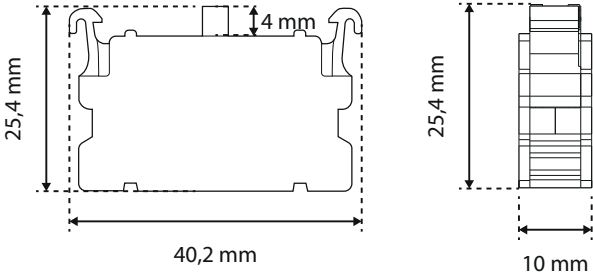
CHARACTERISTICS

- Thermoplastic (heat & shock resistance)
- Compliance with IEC 60695-211:2014
- EN60529 IP54 Protection Class
- Multiple colours, cable gland options
- Optimum performance in compact areas with an attachable height-increaser.





COMBINATIONS



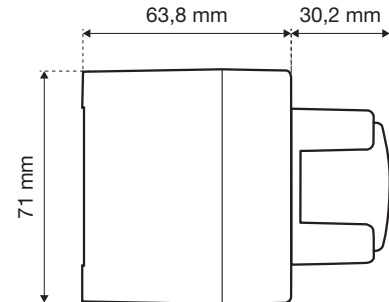
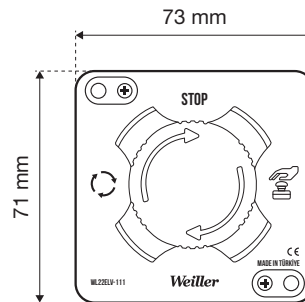
WL22-BE101-102

Contact Type	WL22-BE101	NO	Normally Open
	WL22-BE102	NC	Normally Closed
Operation Force		2.95 N	
Connections	Terminal Type		M3.5 Screw
	Tightening Torque	EN60747-1	0.8 Nm
Connectable Section	Flexible Conductors	1 or 2	1.5...2x2. 5mm²
	Solid Conductors	1 or 2	1.5...2x2. 5mm²
	Wire Peeling Length	8mm	
Contacts		Spring Type, Slow Action, Sing Breaking	
Contacts Resistance		≤ 15mΩ	
Pollution Grade	EN60747-1	III	
Material Group	EN60747-1	II	
Flammability	UL94	V2	
Protection Class	EN60529	IP44	
Degree Of Impact	EN10045	IK04	
Ambiant Temperature	°C	Operating: -25, +70	
		Storage: -30, +70	
Ambiant Humidity	%RH	Operating: 35, 85	
		Storage: 35, 85	
Electrical Life Cycle	AC-15	1 Mil. / Operations	
Mechanical Life Cycle		1 Mil. / Operations	

Details

WL22-BE101 NO		
WL22-BE102 NC		
EN 60947-5-1 Characteristics		
Rated Insulation Voltage	Ui	690V
Rated Impulse Withstand Voltage	Uimp	4 kV
Rated Thermal Current	Ith	12 A
Rated Enclosed Thermal Current	Ithe	12 A
Conditional Short-Circuit Current	1 Ka	
Frequency	50/60 Hz	
Rated Operating Current (Ie)		
AC-15	12A	DC-14 12A
Rated Operating Voltage (Ue)		
AC-15	400 VAC	DC-14 48VDC
Minimum Constant Current	1 Ma @ 5Vdc	
	1 Ma @ 24Vdc	
Dielectric Strength		
Between Terminals	V	1890
Between Terminals and Cover	V	1890
Clearance Distance	cl (mm)	4,00
Creepage Distance	dcr (mm)	4,70

*FAKTOR ELEKTRIK MUHENDISLIK VE TIC. LTD. ST1 reserves the right to change the features and data shown in this document at any time and without notice.



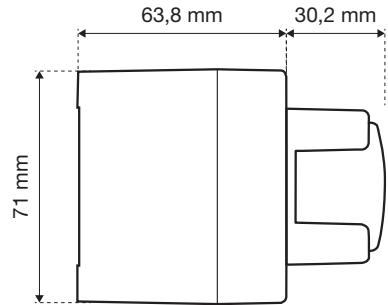
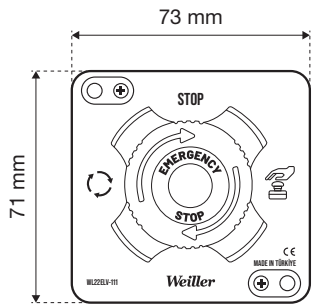
WL22-ELV111

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,165 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC

*Special contact designs are possible according to customer specifications



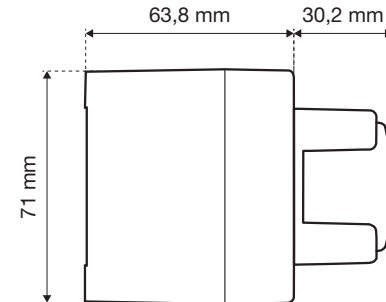
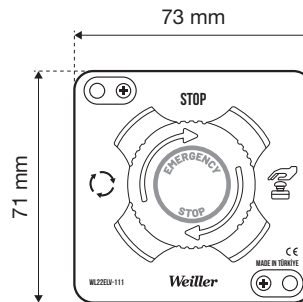
WL22-ELV11E

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,165 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with label		1NC

*Special contact designs are possible according to customer specifications



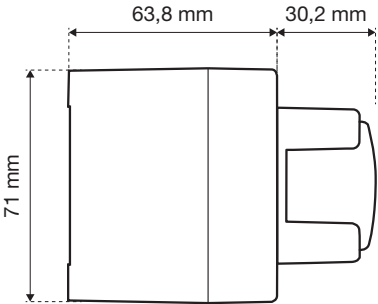
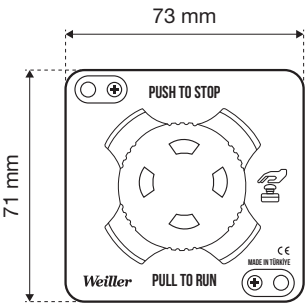
WL22-ELV111L

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,165 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC

*Special contact designs are possible according to customer specifications



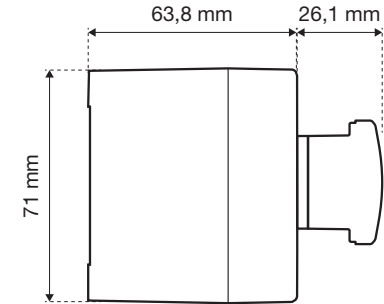
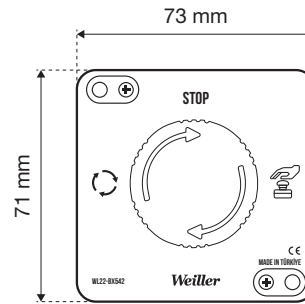
WL22-ELV11PC

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,165 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button push and pull with vision (flagged)		1NC

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



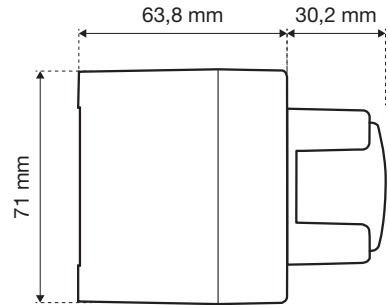
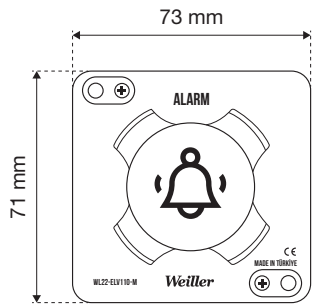
WL22-BX542

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,155 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC

*Special contact designs are possible according to customer specifications



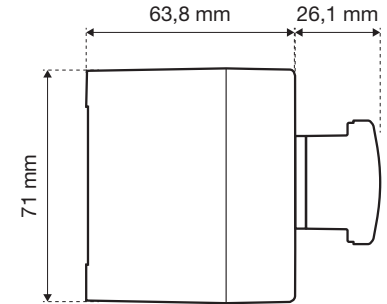
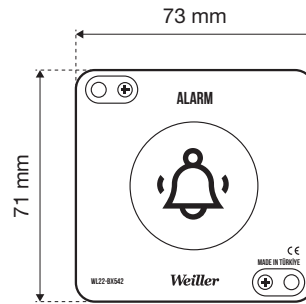
WL22-ELV110KM

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,165 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	ALARM Mushroom Button momentry		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



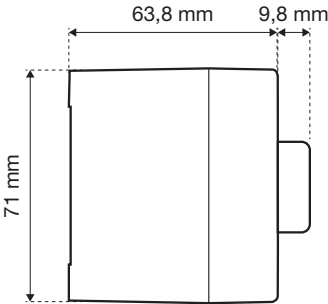
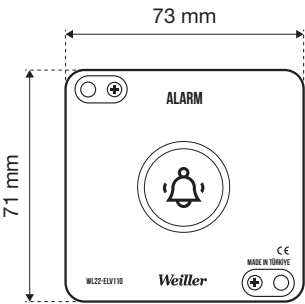
WL22-ELV110M

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,155 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	ALARM Mushroom Button momentary		1NO

*Special contact designs are possible according to customer specifications



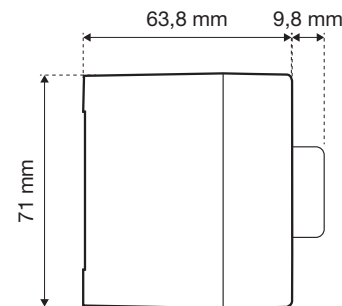
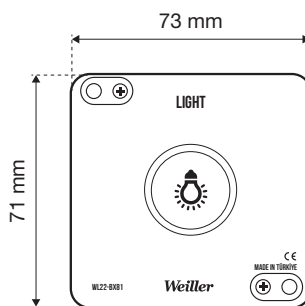
WL22-ELV110

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,140 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Alarm Button momentry		1NO

*Special contact designs are possible according to customer specifications



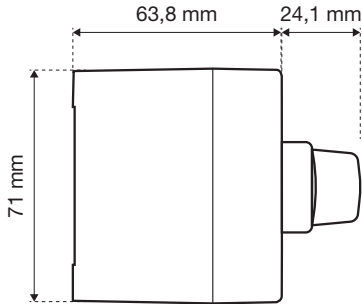
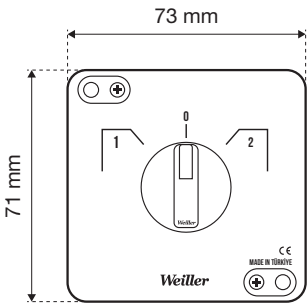
WL22-BX81

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,140 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Light Button momentary		1NO

*Special contact designs are possible according to customer specifications



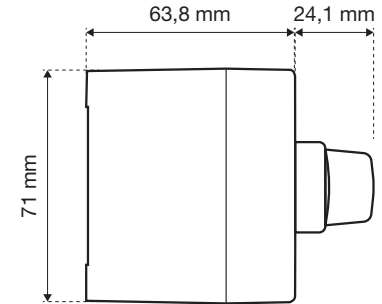
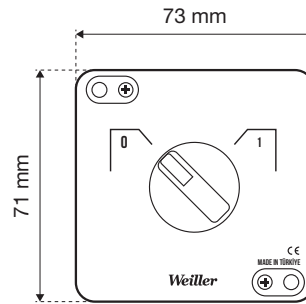
WL22-ELV133

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,170 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Selector Button maintained		2NO

*Special contact designs are possible according to customer specifications



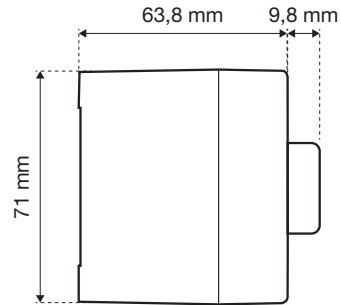
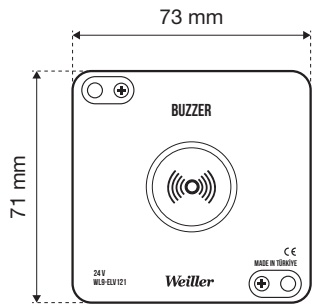
WL22-ELV116

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,145 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

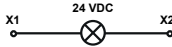
OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Selector Button		1NO

*Special contact designs are possible according to customer specifications



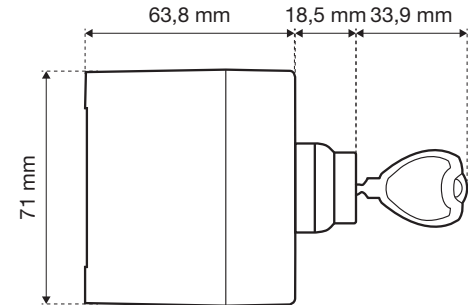
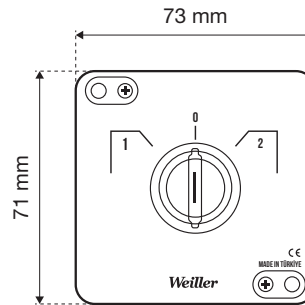
WL22-ELV121

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,130 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	24VDC Led With Buzzer		1NC

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



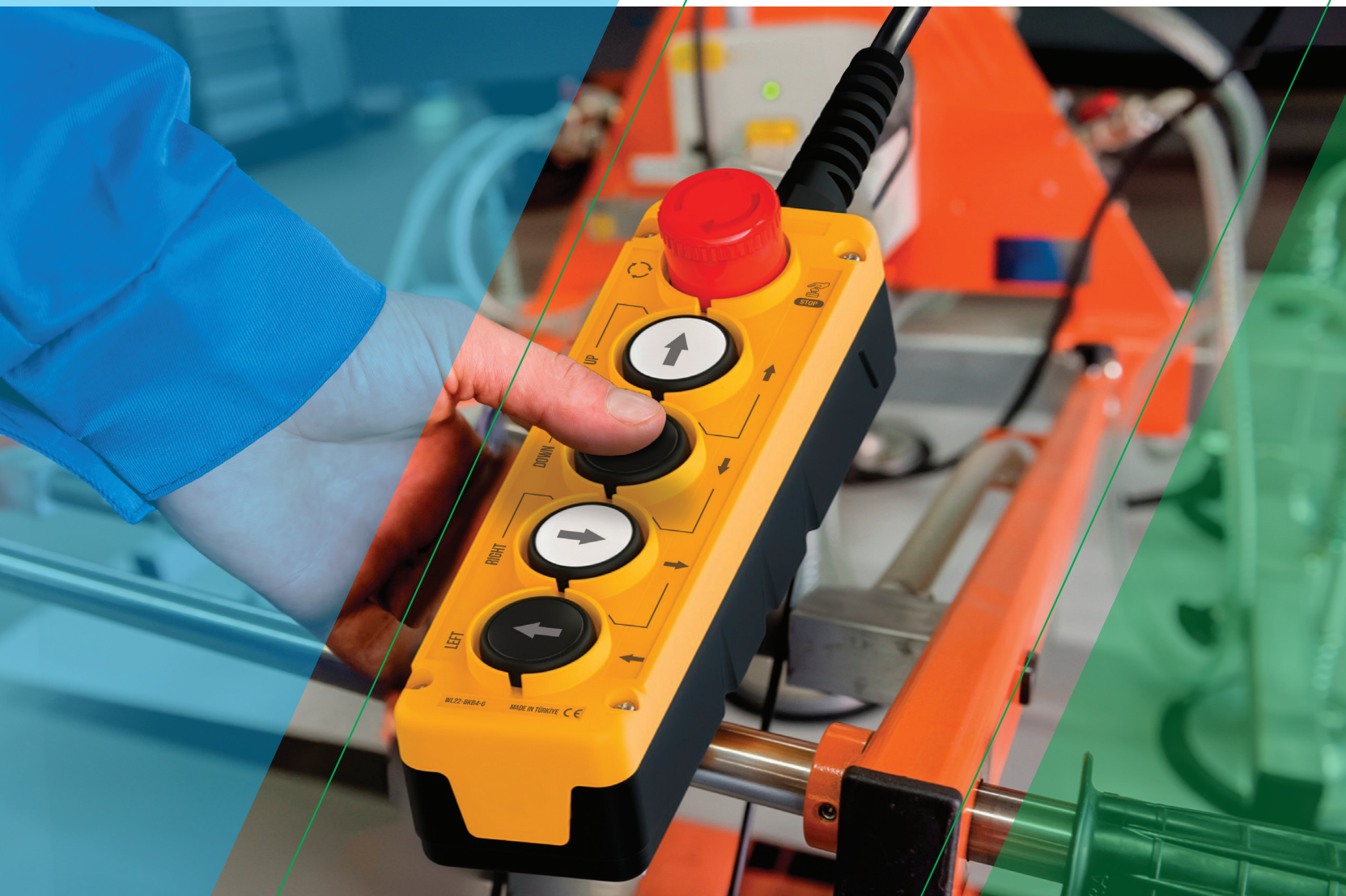
WL22-ELV173

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,170 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

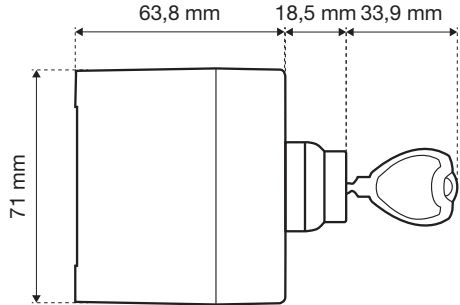
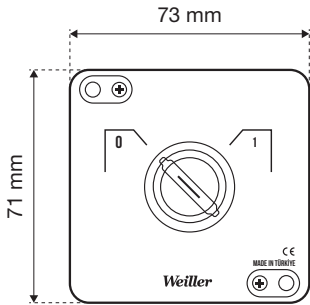
*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Key Release Selector Button momentary		2NO

*Special contact designs are possible according to customer specifications







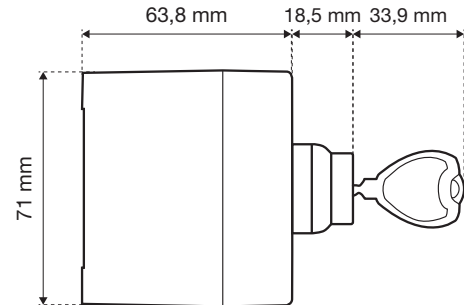
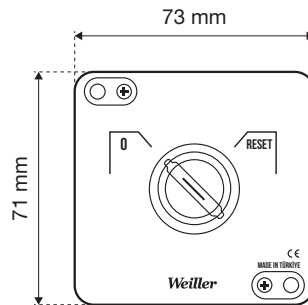
WL22-ELV118

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,140 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Key Release Selector Button maintained		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



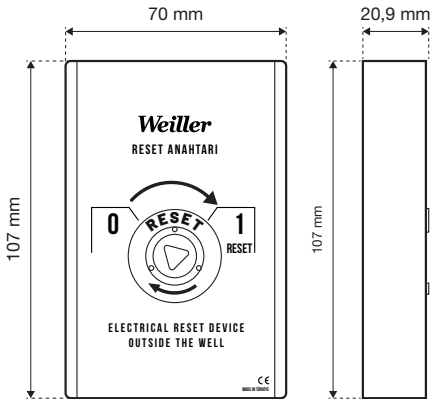
WL22-ELV120

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,140 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Key Release Selector Button momentary	0 1	1NO

*Special contact designs are possible according to customer specifications



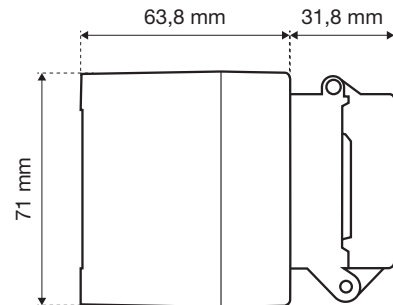
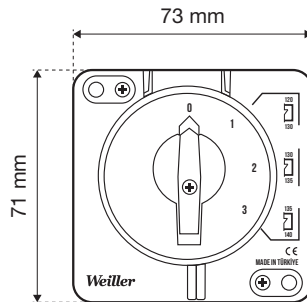
PRS

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,140 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °C			
Ambient air temperature for operation	-30.....70 °C			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Reset Device momentary		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



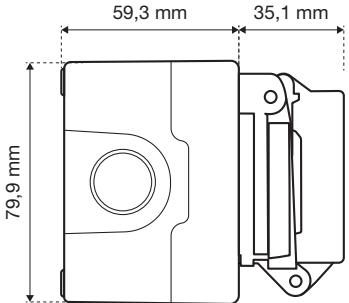
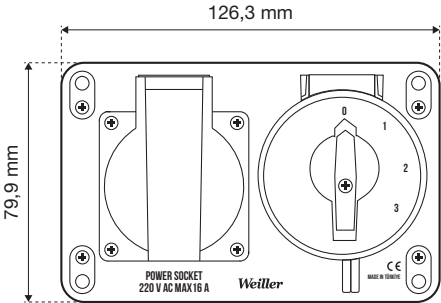
WL22-BYP101

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,300 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50, EN 81-20, IEC 60947-5-1, IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014, EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Rotary Switch Maintained		2NC + 3NO

*Special contact designs are possible according to customer specifications



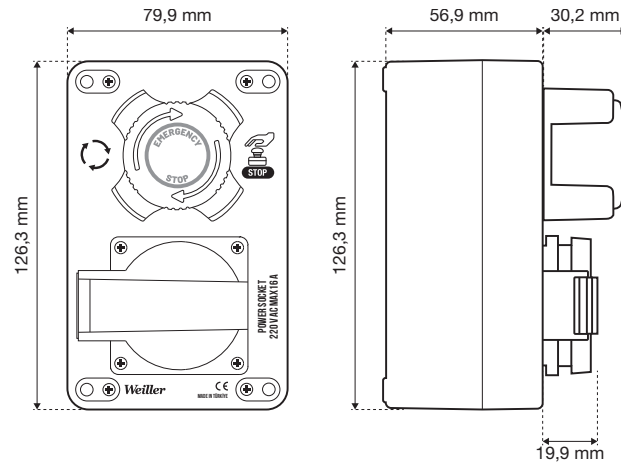
WL22-BYP201

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,325 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	Power Socket IP54 schuko		
	Rotary Switch Maintained		2NC + 3NO

*Special contact designs are possible according to customer specifications



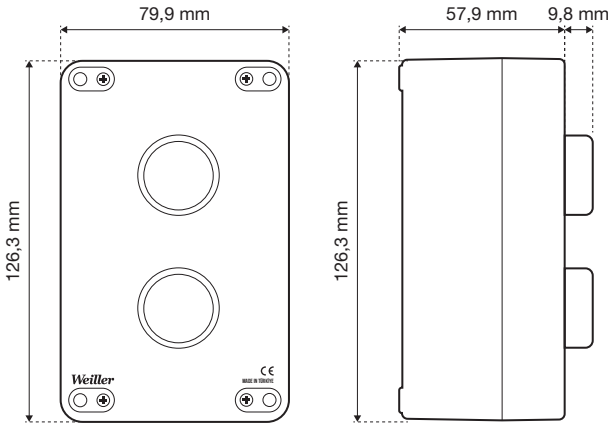
WL22-ELV211E

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,220 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications



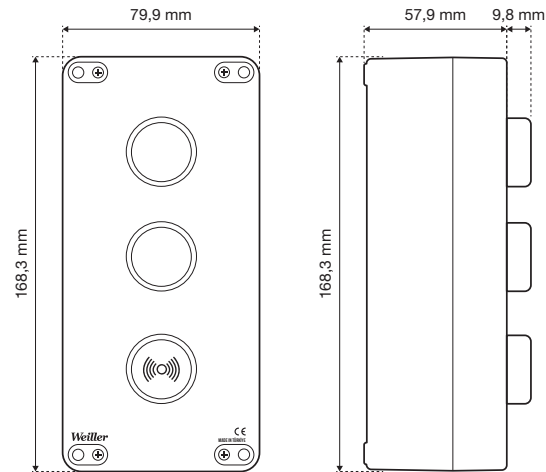
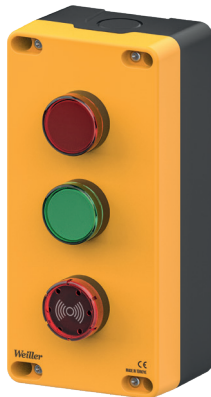
WL22-ELV219

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,210 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	GREEN Pilot Lamb 12-24VDC		
	RED Pilot Lamb 12-24VDC		

*Special contact designs are possible according to customer specifications



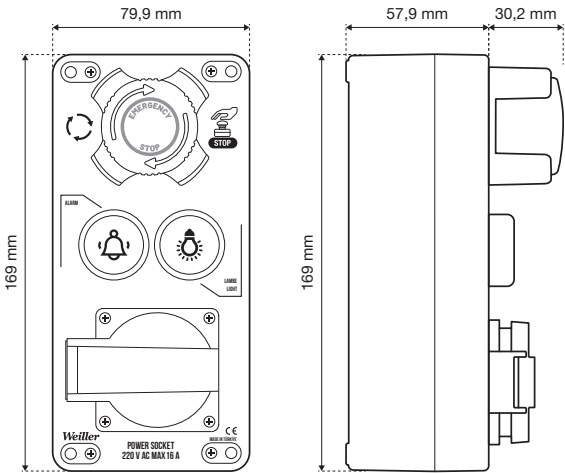
WL22-ELV419

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,250 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	RED Pilot Lamp 12-24VDC		
	GREEN Pilot Lamp 12-24VDC		
	Led With Buzzer 24VDC		

*Special contact designs are possible according to customer specifications



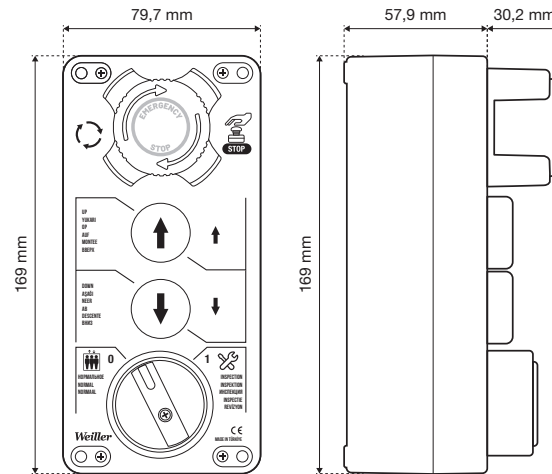
WL22-ELV411

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,280 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °C			
Ambient air temperature for operation	-30.....70 °C			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	Alarm Button momentary		1NO
	LIGHT Button momentary		1NO
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications



WL22-ELV4PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,340 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO
	INSPECTION Switch maintained, 1-2		2NC + 1NO

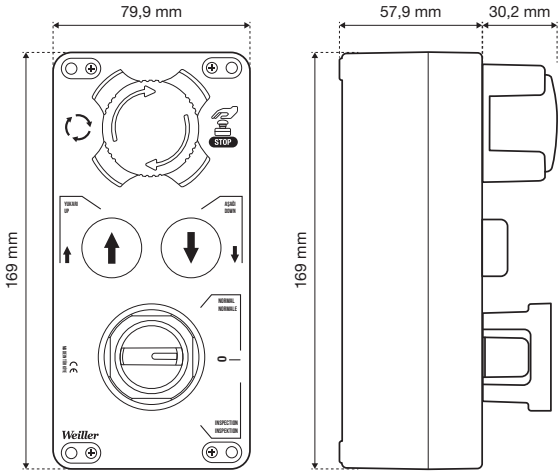
*Special contact designs are possible according to customer specifications



WL22-ELV433ML

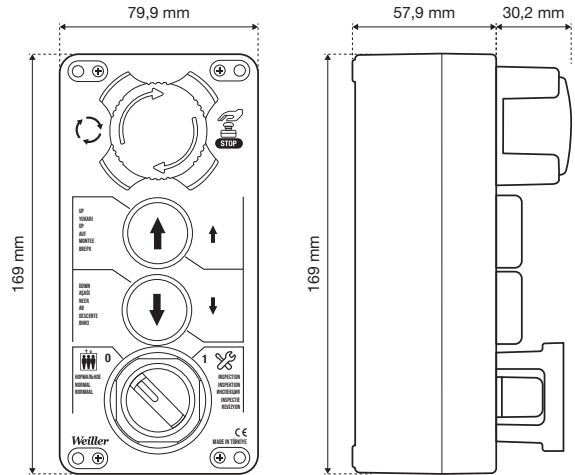
Material	Thermoplastic (heat & shock resistance)			
Net weight	0,320 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °C			
Ambient air temperature for operation	-30.....70 °C			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO
	INSPECTION Selector Button maintained 1-0-2		2NO

*Special contact designs are possible according to customer specifications



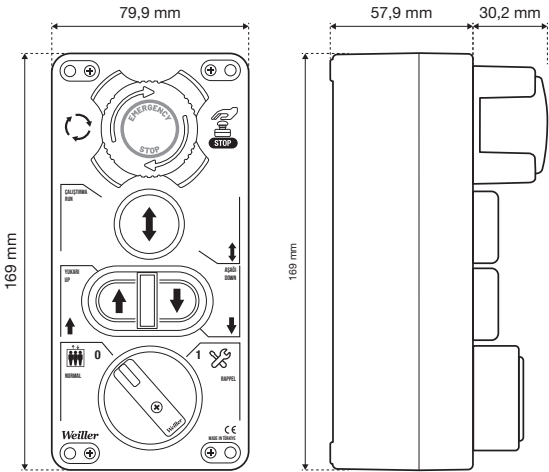
WL22-ELV4ML

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,270 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO
	INSPECTION Selector Button maintained 0-1		1NO

*Special contact designs are possible according to customer specifications



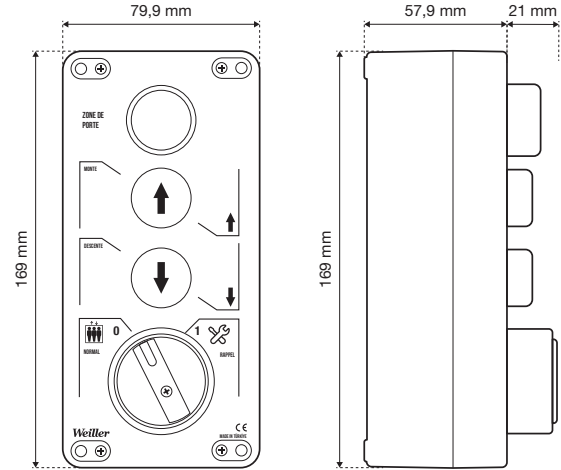
WL22-ELV513PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,380 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	COMMON Button momentry		1NO
	UP/DOWN Twin Button momentry		1NO+ 1NO
	INSPECTION Switch maintained,1-2		2NC+ 1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



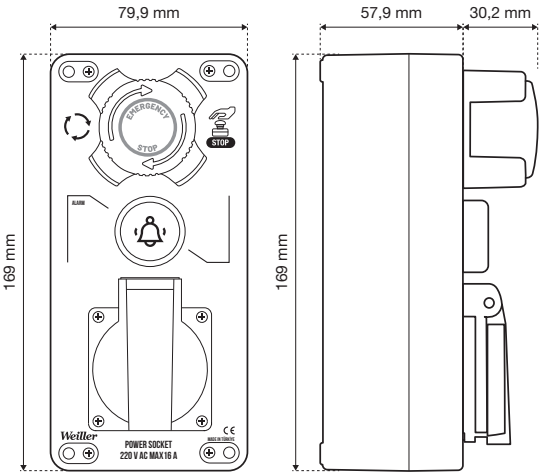
WL22-ELV310PKL

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,320 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	GREEN Pilot Lamp 12-24 VDC		
	UP Button momentry		1NO
	DOWN Button momentry		1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



WL22-ELV314

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,280 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	ALARM Button momentry		1NO
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications

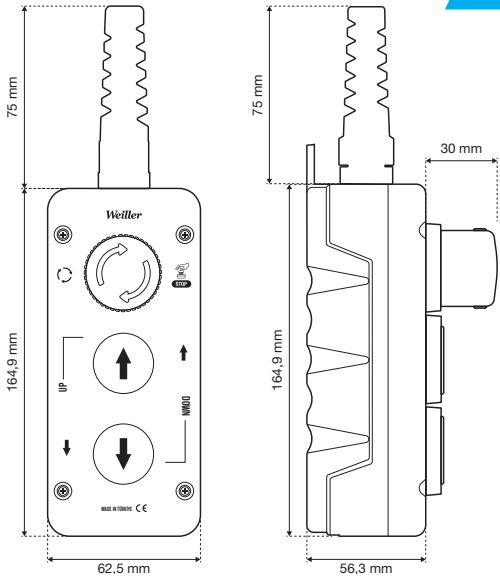




WL22-BKB3G

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,240 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO

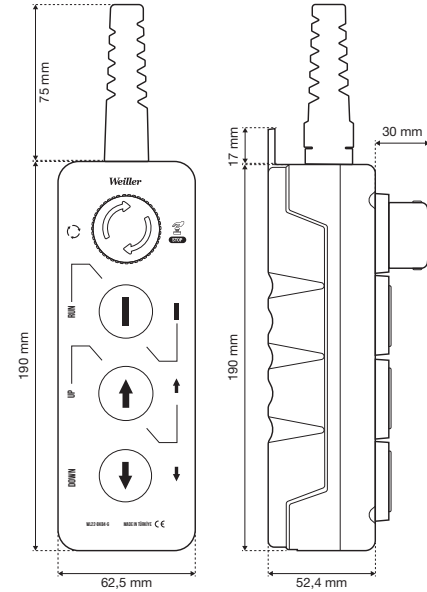
*Special contact designs are possible according to customer specifications



WL22-BKB4G

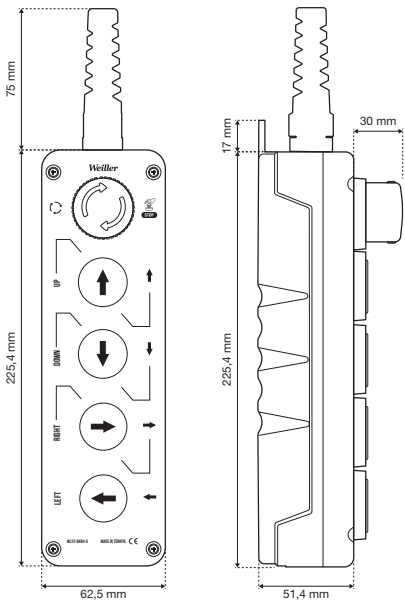
Material	Thermoplastic (heat & shock resistance)			
Net weight	0,310 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	RUN Button momentry		1NO
	UP Button momentry		1NO
	DOWN Button momentry		1NO

*Special contact designs are possible according to customer specifications



WL22-BKB5G

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,395 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	UP Button momentry		1NO
	DOWN Button momentry		1NO
	RIGHT Button momentry		1NO
	LEFT Button momentry		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

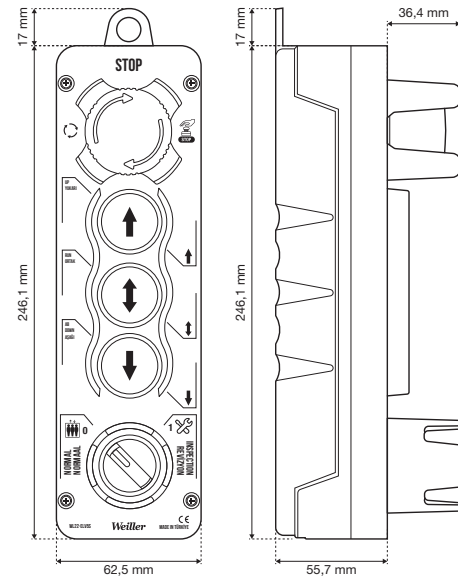
*Special contact designs are possible according to customer specifications



WL22-ELV5SL

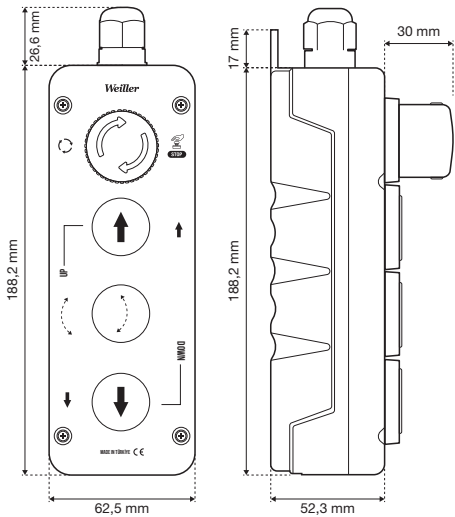
Material	Thermoplastic (heat & shock resistance)			
Net weight	0,335 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	COMMON Button momentary		1NO
	DOWN Button momentary		1NO
	INSPECTION Selector Button maintained,0-1	0 1	1NO

*Special contact designs are possible according to customer specifications



WL22-BKB4A

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,300 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °C			
Ambient air temperature for operation	-30.....70 °C			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	UP Button momentry		1NO
	FOLD Button momentry		1NO
	DOWN Button momentry		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

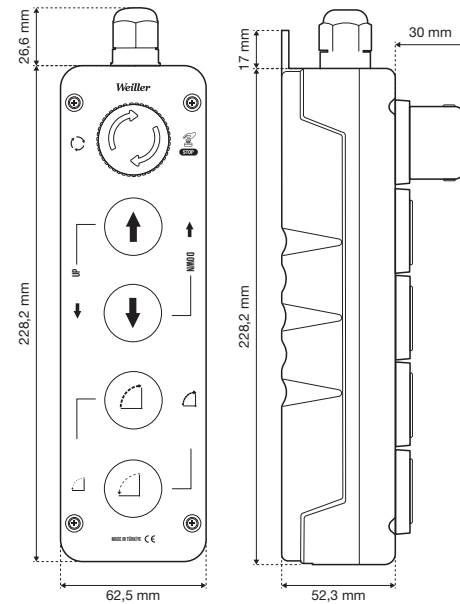
*Special contact designs are possible according to customer specifications



WL22-BKB5A

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,375 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO
	FOLD UP Button momentary		1NO
	FOLD DOWN Button momentary		1NO

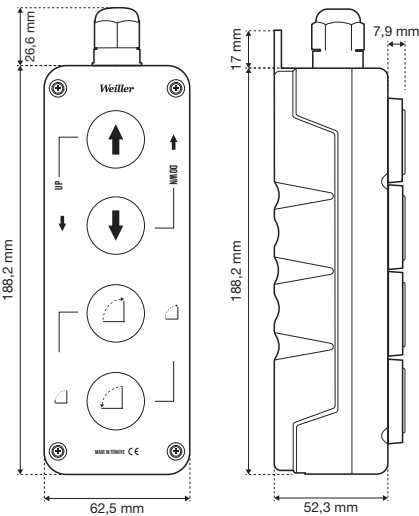
*Special contact designs are possible according to customer specifications



WL22-BKB4

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,290 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	UP Button momentry		1NO
	DOWN Button momentry		1NO
	FOLD UP Button momentry		1NO
	FOLD DOWN Button momentry		1NO

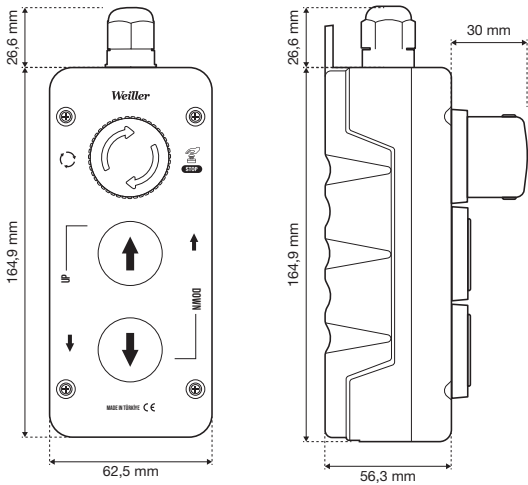
*Special contact designs are possible according to customer specifications



WL22-BKB3A

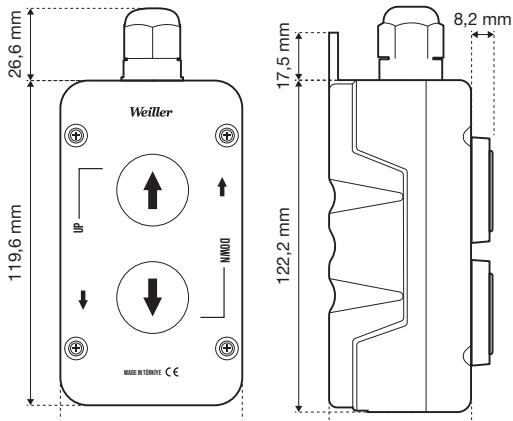
Material	Thermoplastic (heat & shock resistance)			
Net weight	0,220 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	30mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO

*Special contact designs are possible according to customer specifications



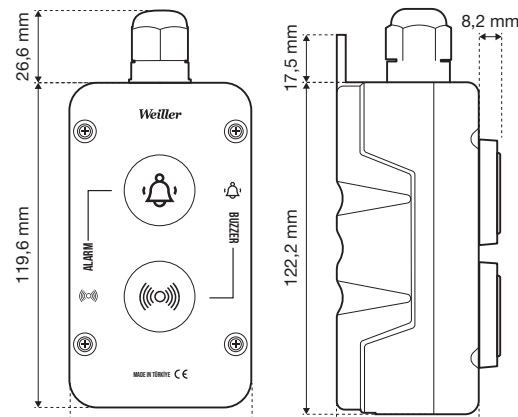
WL22-BKB2

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,185 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	UP Button momentry		1NO
	DOWN Button momentry		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



WL22-BKB271BZ

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,175 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	ALARM Button momentary		1NO
	24 VDC Led With Buzzer		

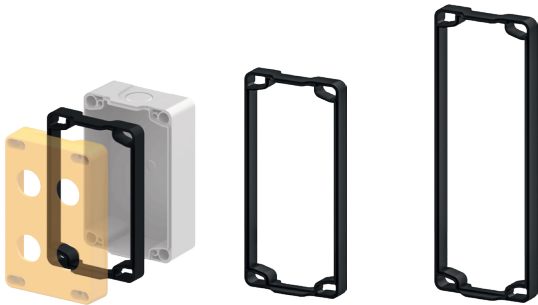
*Special contact designs are possible according to customer specifications



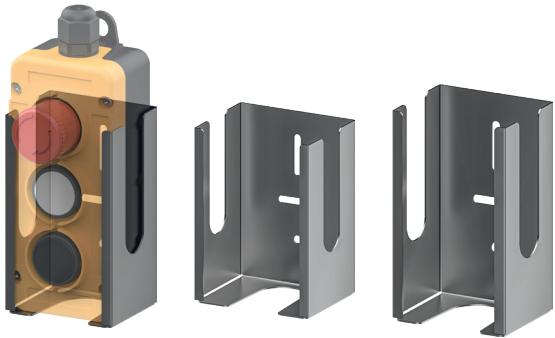
SILICONE COVER







WL9-BXARA1	WL9-BXARA2	WL9-BXARA3
HEIGHT INCREASER FOR PLASTIC ENCLOSURES	HEIGHT INCREASER FOR PLASTIC ENCLOSURES	HEIGHT INCREASER FOR PLASTIC ENCLOSURES



KB-KK	KB-KK1	KB-KK2
WALL HOLDER (BKB)	WALL HOLDER (ELV)	WALL HOLDER (ELV+)

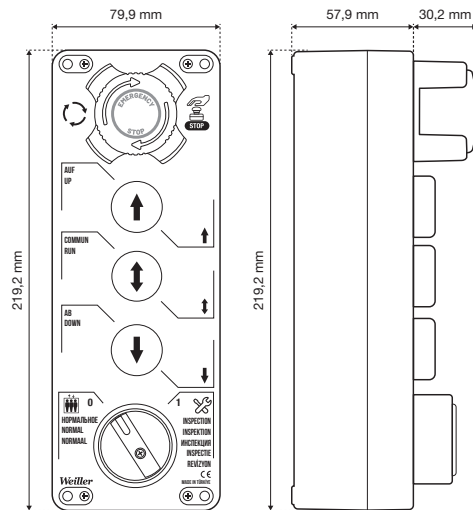


MPP1-EU MPP1-USA MPP1-CEN



MPP1-UK MPP1-AUC

CODE	SOCKETS	DESCRIPTION
MPP1-EU		Schuko socket outlet 16A
MPP1-USA		USA socket outlet
MPP1-CEN		Cenelec socket outlet
MPP1-UK		UK Standard socket outlet
MPP1-AUC		Australia / China socket outlet



WL22-ELV5PKSC

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,430 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

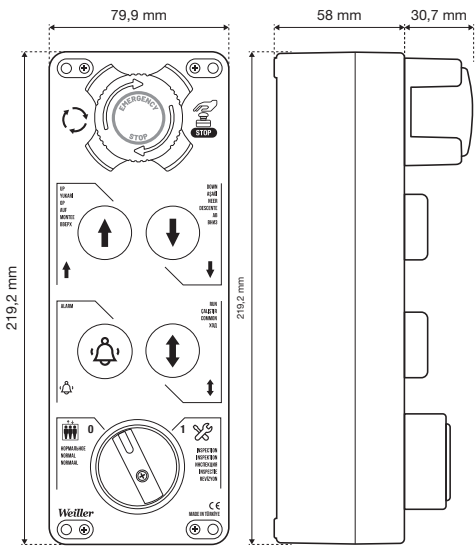
OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	COMMON Button momentary		1NO
	DOWN Button momentary		2NO
	INPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



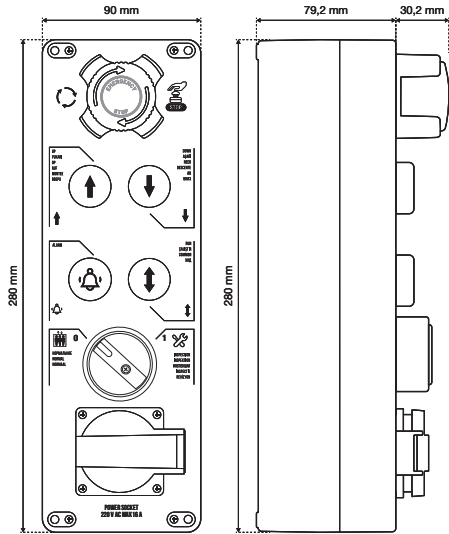
WL22-ELV6PKSC

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,480 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	DOWN Button momentary		2NO
	ALARM Button momentary		1NO
	COMMON Button momentary		1NO
	INSPECTION Switch maintained, 1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



WL22-ELV7PKPRSC

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,460 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

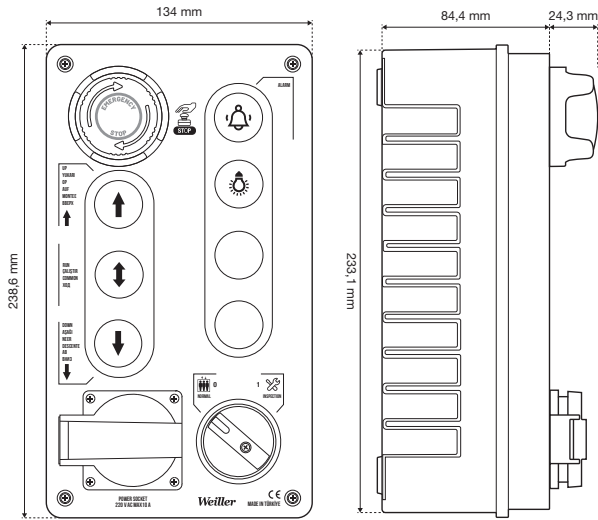
OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	DOWN Button momentary		2NO
	ALARM Button momentary		1NO
	COMMON Button momentary		1NO
	INPECTION Switch maintained,1-2		2NC + 1NO
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications



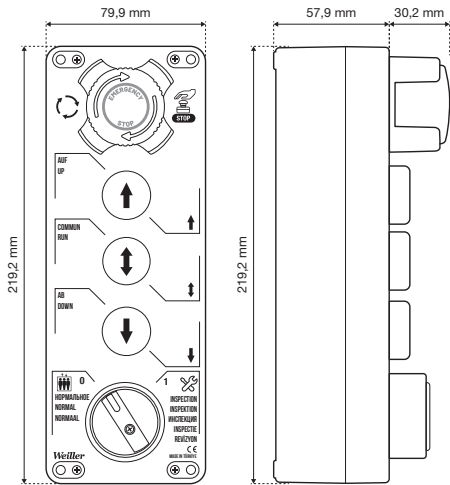
WL22-ELV881PKSC

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,670 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		1NO
	COMMON Button momentary		1NO
	DOWN Button momentary		1NO
	Power Socket IP54 schuko		
	ALARM Button momentary		1NO
	LIGHT Button momentary		1NO
	INSPECTION Switch maintained, 1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



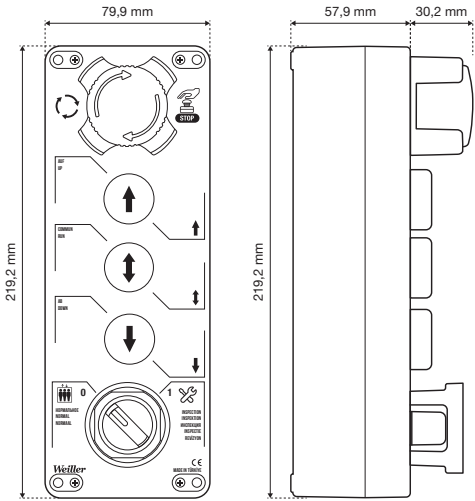
WL22-ELV5PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,430 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	COMMON Button momentary		1NO
	DOWN Button momentary		2NO
	INPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



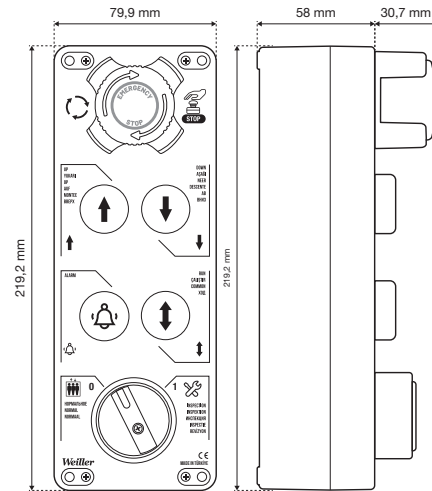
WL22-ELV5ML

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,390 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP Button momentry		1NO
	COMMON Button momentry		1NO
	DOWN Button momentry		1NO
	INSPECTION Selector Button maintained,0-1		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



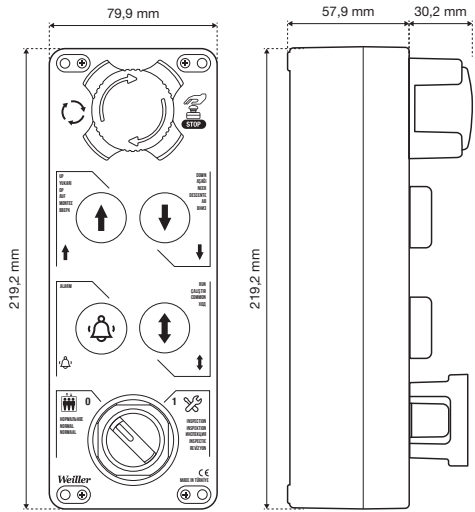
WL22-ELV6PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,480 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	DOWN Button momentary		2NO
	ALARM Button momentary		1NO
	COMMON Button momentary		1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



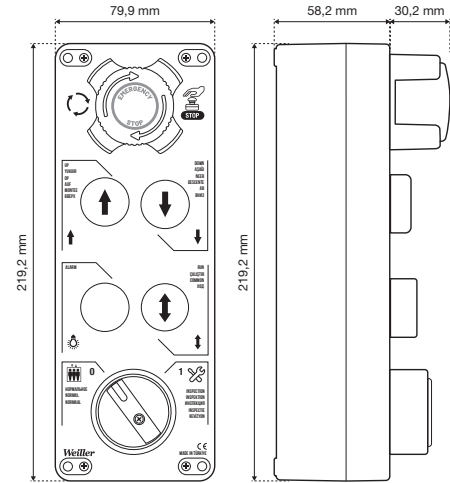
WL22-ELV6ML

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,410 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP Button momentary		1NO
	DOWN Button momentary		1NO
	ALARM Button momentary		1NO
	COMMON Button momentary		1NO
	INSPECTION Selector Button maintained,0-1		1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



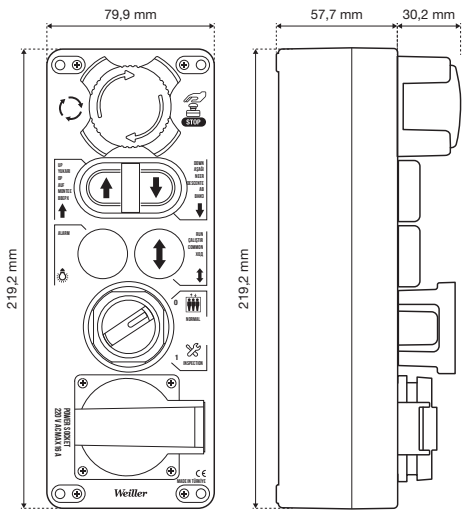
WL22-ELV61PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,450 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	DOWN Button momentary		2NO
	WHITE Pilot Lamb 12-24VDC		
	COMMON Button momentary		1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



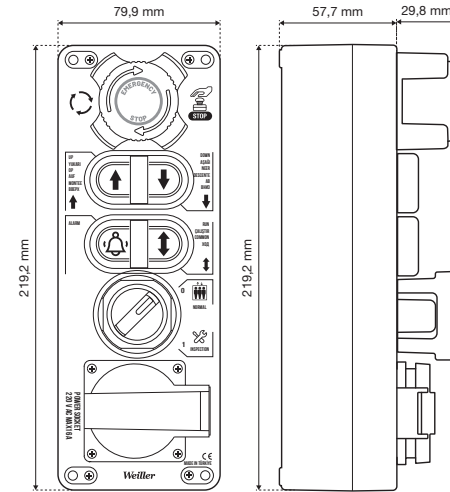
WL22-ELV61PRML

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,350 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release		1NC
	UP/DOWN Twin Button momentary		1NO + 1NO
	WHITE Pilot Lamp 12-24VDC		
	COMMON Button momentary		1NO
	INSPECTION Selector Button maintained,0-1		1NO + 2NC
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications



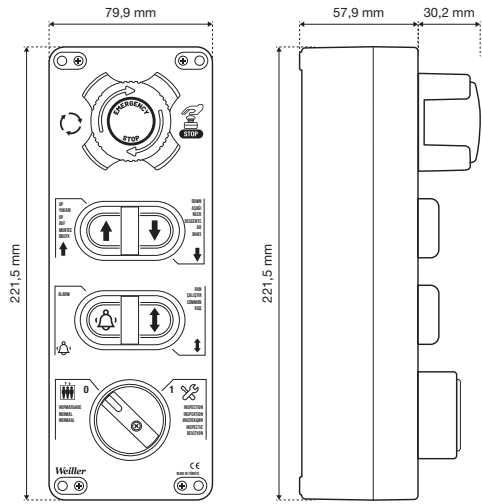
WL22-ELV6PRML

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,380 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP/DOWN Twin Button momentary		1NO + 1NO
	ALARM/Common Twin Button momentary		1NO + 1NO
	INSPECTION Selector Button maintained,0-1		1NO + 2NC
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications



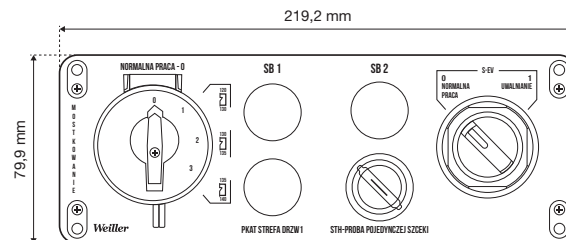
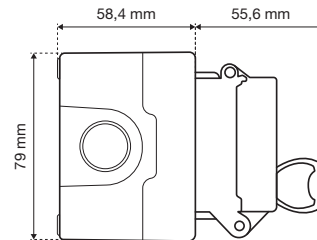
WL22-ELV67161PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,61 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP/DOWN Twin Button momentry		1NO + 1NO
	ALARM/Common Twin Button momentry		1NO + 1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



WL22-BYP601

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,520 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

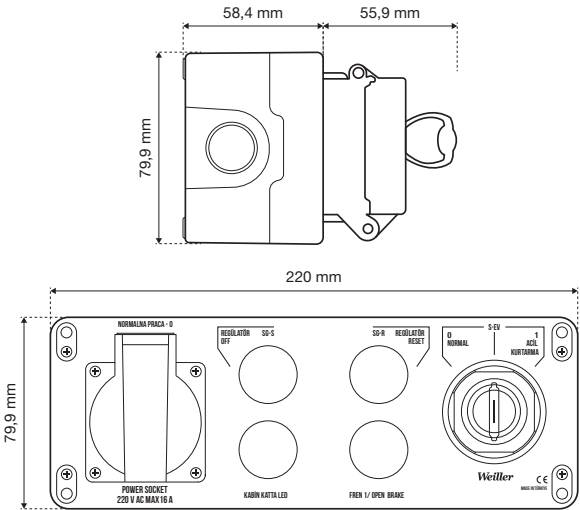
OBJECT	DESCRIPTION	SCHEME	CONTACTS
	INSPECTION Selector Button maintained,2-0-1	0 1 	1NO
	SB1 Button momentary		1NO
	SB2 Button momentary		1NO
	SET-RESET Key Release Selector momentary,0-1	0 1 	1NO
	RED Pilot Lamp 12-24VDC	X1 12-24 VDC X2 	
	Rotary Switch Maintained	0 1 2 3 	2NC + 3NO

*Special contact designs are possible according to customer specifications

The background is a dark, textured surface with a bokeh effect of small, out-of-focus light points. Overlaid on this are several geometric shapes: a large teal triangle on the left, a large green triangle on the right, and a central dark blue parallelogram outlined in white. The word 'Weiller' is centered within the parallelogram.

Weiller





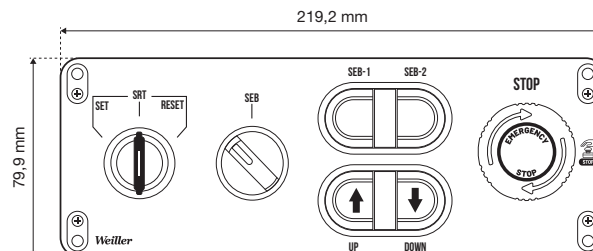
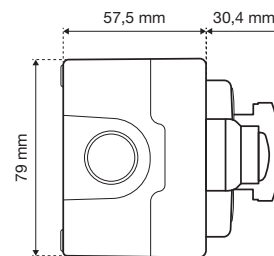
WL22-BYP602

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,480 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	SET-RESET Key Release Selector momentry, 1-0-2		1NO+1NO
	REGULATOR RESET Button momentry		1NO
	BRAKE OPEN Button momentry		1NO
	REGULATOR OFF Button momentry		1NO
	RED Pilot Lamp 12-24VDC		
	Power Socket IP54 schuko		

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



WL22-ELV5BTKZ

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,460 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP/DOWN Twin Button momentary		1NO + 1NO
	SEB-1 / SEB-2 Twin Button momentary		1NO + 1NO
	INSPECTION Selector Button maintained, 0-1		1NO + 2NC
	SET-RESET Key Release Selector maintained, 1-0-2		1NO + 1NO

*Special contact designs are possible according to customer specifications

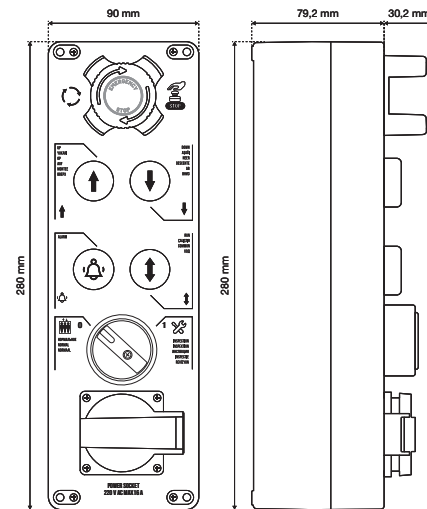




WL22-ELV7PKPR

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,460 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		2NO
	DOWN Button momentary		2NO
	ALARM Button momentary		1NO
	COMMON Button momentary		1NO
	INPECTION Switch maintained, 1-2		2NC + 1NO
	Power Socket IP54 schuko		

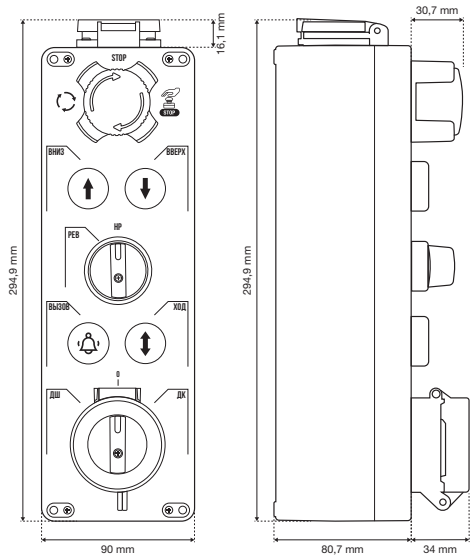
*Special contact designs are possible according to customer specifications



WL22-ELV7PK2

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,800 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °C			
Ambient air temperature for operation	-30.....70 °C			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentry		2NO
	DOWN Button momentry		2NO
	ALARM Button momentry		1NO
	ALARM Button momentry		1NO
	COMMON Button momentry		1NO
	INSPECTION Switch maintained, 1-0-2		2NC + 1NO
	Power Socket IP54 schuko		

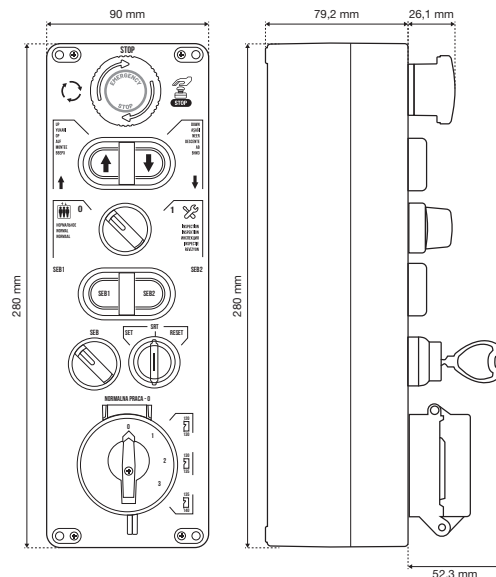
*Special contact designs are possible according to customer specifications



WL22-BYP709

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,800 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP/DOWN Twin Button momentry		1NO + 1NO
	INSPECTION Selector Button maintained, 0-1		1NO
	SEB-1 / SEB-2 Twin Button momentry		1NO + 1NO
	INSPECTION Selector Button maintained, 0-1		1NO
	Key Release Selector Button momentry		2NO
	Rotary Switch Maintained		2NC + 3NO

*Special contact designs are possible according to customer specifications

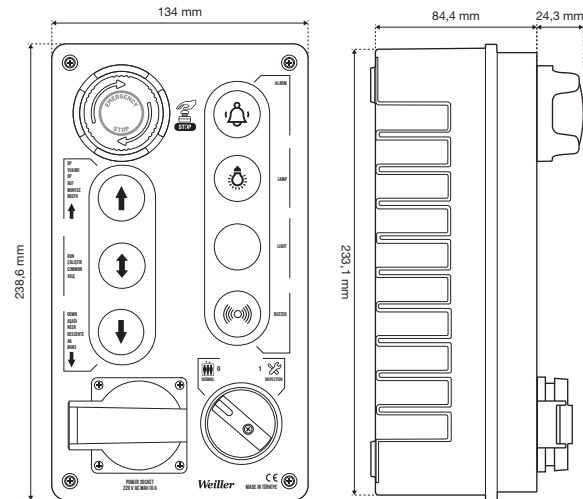




WL22-ELV81PK

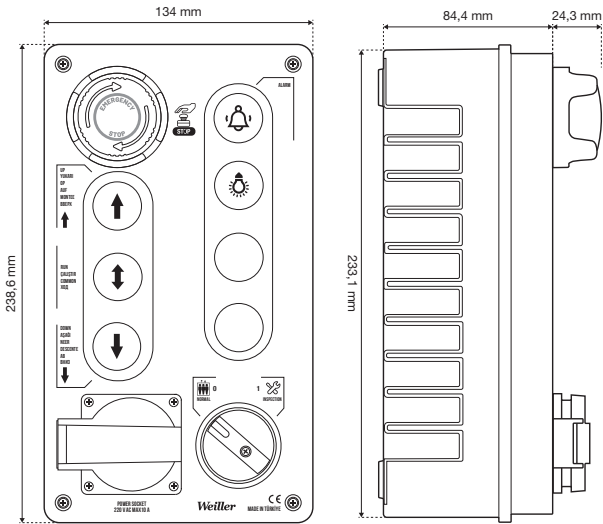
Material	Thermoplastic (heat & shock resistance)			
Net weight	0,710 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50, EN 81-20, IEC 60947-5-1, IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014, EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentary		1NO
	COMMON Button momentary		1NO
	DOWN Button momentary		1NO
	Power Socket IP54 schuko		
	ALARM Button momentary		1NO
	LIGHT Button momentary		1NO
	WHITE Pilot Lamp 12-24VDC		
	Led With Buzzer 24VDC		
	INSPECTION Switch maintained, 1-2		2NC + 1NO

*Special contact designs are possible according to customer specifications



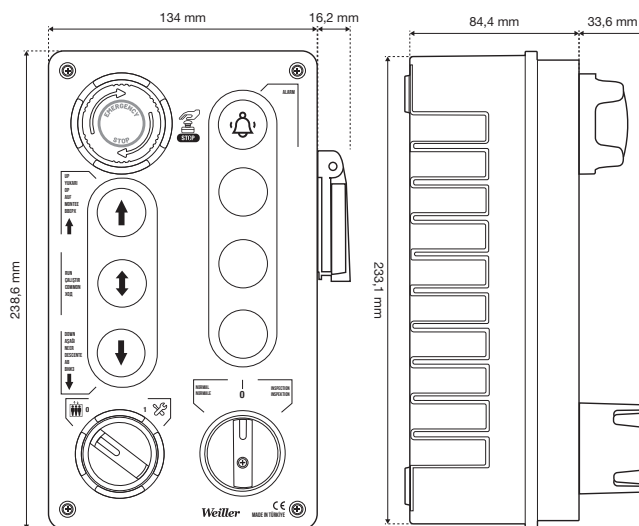
WL22-ELV881PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,670 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentry		1NO
	COMMON Button momentry		1NO
	DOWN Button momentry		1NO
	Power Socket IP54 schuko		
	ALARM Button momentry		1NO
	LIGHT Button momentry		1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

*Special contact designs are possible according to customer specifications



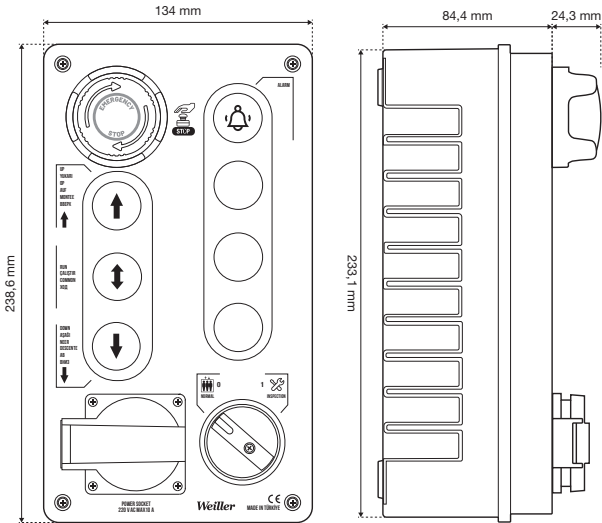
WL22-ELV8PK2

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,820 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentry		1NO
	COMMON Button momentry		1NO
	DOWN Button momentry		1NO
	Power Socket IP54 schuko		
	ALARM Button momentry		1NO
	INSPECTION Switch maintained, 1-2		2NC + 1NO
	INSPECTION Switch maintained, 1-0-2		2NC + 2NO

*Special contact designs are possible according to customer specifications



WL22-ELV8PK

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,650 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50,EN 81-20,IEC 60947-5-1,IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014,EN 60204-1 EN 60529, EN 60947-3			

OBJECT	DESCRIPTION	SCHEME	CONTACTS
	40mm Emergency Stop Button twist to release with warning		1NC
	UP Button momentry		1NO
	COMMON Button momentry		1NO
	DOWN Button momentry		1NO
	Power Socket IP54 schuko		
	ALARM Button momentry		1NO
	INSPECTION Switch maintained,1-2		2NC + 1NO

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.

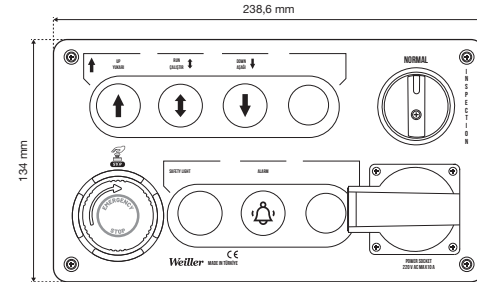
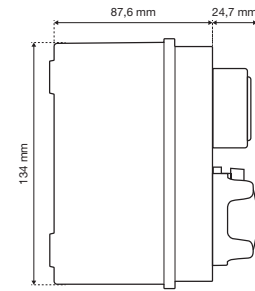
*Special contact designs are possible according to customer specifications



WL22-ELV8PKH

Material	Thermoplastic (heat & shock resistance)			
Net weight	0,650 kg			
Marking	CE			
Contacts material	Silver Alloy (Ag/Ni)			
Contact operation type	Slow Action			
Contact resistance	≤ 15 mΩ			
Rated Operating Voltage (Ue)	AC-15	690 VAC	DC-14	48VDC
Rated Insulation Voltage	Ui	690V		
Rated Impulse Withstand Voltage	Uimp	4kV		
Rated Thermal Current	Ith	12A		
Rated Enclosed Thermal Current	Ithe	12A		
Conditional Short-Circuit Current	1 Ka			
Frequency	50/60 Hz			
Protection Class	IP 54*			
Ambient air temperature for storage	-40.....70 °c			
Ambient air temperature for operation	-30.....70 °c			
Standards	EN 81-50, EN 81-20, IEC 60947-5-1, IEC 60947-1 IEC 60947-5-5, IEC 60947-2-11: 2014, EN 60204-1 EN 60529, EN 60947-3			

*All boxes have an IP54 protection rating. However, the lowest IP rating among the assembled products determines the IP rating of the final product.



OBJECT	DESCRIPTION	SCHEME	CONTACTS
	UP Button momentry		1NO
	COMMON Button momentry		1NO
	DOWN Button momentry		1NO
	INSPECTION Switch maintained, 1-2		1NO
	40mm Emergency Stop Button twist to release with warning		1NC
	WHITE Pilot Lamb 12-24VDC		
	ALARM Button momentry		1NO
	Power Socket IP54 schuko		

*Special contact designs are possible according to customer specifications

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Weiller



Weiller



+90 (216) 471 40 19



+90 (549) 719 33 48



export@weiller.com.tr



www.weiller.com.tr