

LUNA CASSETTE AWNING



Congratulations on your new VALETTA product. You have chosen a high quality product from Austria. We ask you to carefully read and keep the contents of the assembly instructions. These assembly instructions complete the intended use with the information on assembly and use. The operating instructions must be read before first use. Damage caused by failure to observe the operating and maintenance instructions is not covered by the warranty. Liability for consequential damage to elements of any kind and persons is excluded. This equipment has been supplied and installed by a specialist dealer. Repairs and disassembly may only be carried out by qualified personnel. Do not make any changes to the product yourself. Otherwise safe handling is no longer guaranteed.

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MAINTENANCE ADVICE

Regular maintenance and care increases the service life of the system!

Check the system and the operating elements regularly, but at least once a year, for wear or damage (frame, hangings, etc.) Also check the fastening screws and the assembly of the product for stability and strength. Remove possible dirt (leaves, etc.) on a regular basis. Have inspections and maintenance work carried out regularly and preferably only by qualified personnel. Worn or damaged parts must be replaced or repaired in good time and only by a specialist company. Do not use the unit if repairs are necessary.

Only original spare parts approved by the manufacturer may be used.

We recommend that you conclude a service contract. Contact your VALETTA specialist partner.

ATTENTION

Risk of injury due to falling from a climbing aid! Climbing aid (e.g. ladder, etc.) can tip over due to improper setup. Set up the climbing aid on level and stable ground! Do not lean the climbing aid against the product!

Loads that are not intended impair the function and safety of the product!

Incorrect operation and improper use will void the warranty!

QUESTIONS

If you have any questions regarding the installation or operation of this product, please contact your authorized VALETTA dealer.

CARE INSTRUCTIONS

To ensure a long service life, we recommend that you clean the surface of the unit regularly.

BASE:

All aluminum parts are powder-coated and therefore insensitive to weathering. Nevertheless, we recommend cleaning the aluminum parts at regular intervals with clean water and a mild household cleaner (do not use aggressive agents).

AWNING CLOTH:

Awning cloths made of acrylic fabric or Soltis fabric have an anti-rot and dirt-repellent finish and can be washed off with lukewarm water if necessary. Soap suds or additives must not be used for cleaning, otherwise the impregnation will be washed off.

NOTE

- The awning is a sun and privacy protection, not an all-weather protection. It must be retracted in the event of wind, storm, rain or snow (remove snow beforehand!).

- If the fabric was nevertheless retracted wet, open the system after the rain and allow the fabric and construction to dry thoroughly!

ATTENTION: Do not use high pressure cleaner, parts can be damaged under pressure.

ATTENTION: Plants can be started up unintentionally. Ensure that the plant is de-energized (e.g. switch off fuse) during cleaning and maintenance work (e.g. building cleaners) to prevent accidents.

Do not expose the system to building moisture over a longer period of time. In particular, aggressive condensation water from finished plaster or paint can cause corrosion damage to the drive or the operating elements.

1. READING THE INSTALLATION AND OPERATING INSTRUCTIONS

The operating instructions must be read prior to installation. Any failure to do so absolves the manufacturer of any duty of liability

1.1. SAFETY NOTES AND WARNINGS RELATING TO INSTALLATION INSTRUCTIONS

Safety notes can be found throughout the text. They are marked with a symbol and a note:

IMPORTANT SAFETY INFORMATION:

Notes that are important for the functioning of the product and can result in serious injury or death in the event of improper use are marked with this warning triangle.

IMPORTANT SAFETY INFORMATION:

This warning triangle indicates notes that are important for the functioning of the product and that if not followed represent a risk of electrocution that can result in serious injury or death.

1.2. QUALIFICATION

These installation instructions are aimed exclusively at qualified fitters with sound knowledge in the following areas:

- Health and safety at work and accident prevention regulations
- Handling of ladders and scaffolding
- Handling and transport of long, heavy components
- Working with tools and machines
- Attaching fasteners assessing the fabric of buildings commissioning and operating the product

In the absence of any of these qualifications, a specialist fitting company must be employed to install the product.

Due to its construction, at least two qualified fitters are required to install the awning. The same applies for taking it down

ELECTRICAL WORK:

The permanent electrical installation must be carried out by a qualified electrician in accordance with the national regulations. Installation instructions are enclosed with the electrical appliances supplied with the awning. These must be followed.

1.3. GOODS ACCEPTANCE

The delivery must be inspected immediately upon receipt for any damage sustained in transit. In addition, the contents of the shipment must be checked against the delivery note.

1.4. TRANSPORT

The permitted axle load and permitted total weight of the transport vehicle may not be exceeded. Loading can effect the vehicle's handling.

The goods being transported are to be tied down and properly secured. The shade system packaging is to be protected against moisture. Any soaked packaging may disintegrate and result in accidents. Packaging opened for the purpose of goods receipt inspection must be properly taped up for further transportation.

After the awning is unloaded, it is to be transported to the installation site the right way up and in the proper installation position so that it does not have to be manoeuvred through tight spaces. The note on the position and side information on the awning box is to be adhered to.

1.5. PULLING UP WITH ROPES

If the awning system needs to be pulled up to a higher position with the help of ropes, the awning is to be

- taken out of the packaging,
- fastened to the hoisting ropes in such a way that they cannot slip off, and
- pulled up smoothly in a vertical position.

The same applies to taking down the awning.

1.6. MOUNTING BRACKETS

Before starting installation, check

- that the type and number of fitting brackets supplied match the order,
- that the details given with the order about the substructure to which the awning is to be fixed match the actual substructure found at the installation site.

If any variances that impair safety are identified, the installation may not be carried out.

NB:

Supplied without installation materials (available as accessories). Installation materials need to be matched by the fitter to the given installation substructure.

Where fastening materials ordered with the system are used we do not simultaneously assume liability for proficient installation. The installer is exclusively liable for determining if the fastening materials for the respective masonry are suitable and for the installation being performed properly. The wall plug manufacturers' respective fitting guides must be followed!

1.7. FASTENERS

The awning fulfils the requirements of the wind resistance category specified in the CE conformity mark (see operating instructions). In installed condition, this requirement is only met if:

- the awning is installed using the type and number of brackets recommended by the manufacturer
- the awning is installed taking account of the wall plug extraction forces specified by the manufacturer
- that during installation attention has been paid to the guidance of the manufacturer of the wall plugs used.

1.8. CLIMBING AIDS

Climbing aids may not be attached to or leant against the awning. They must be steady and provide adequate grip. Only use ladders that are certified for the proper load bearing weight

1.9. FALL PROTECTION EQUIPMENT

There is a risk of falling when working at any significant height. The appropriate fall protection equipment is to be used to guard against falls

1.10. ELECTRICAL CONNECTION

The awning may only be connected if the electric motor's specifications match the electricity source (see operating instructions). The electrical component installation notes supplied with the unit must be followed.

The unit is to be protected with an upstream FI circuit breaker in accordance with VDE regulations.

Only cables and connectors with a protection class of a minimum of IP 54 may be used to supply power.

1.11. PARTIALLY ASSEMBLED AWNINGS

Where awnings are partially assembled at the factory, e.g. linked systems with no fabric, the spring-loaded parts (see marking on the product) are secured against inadvertent opening. The securing device must not be removed until the blind has been completely installed.

These marked, spring-loaded blind components present a high risk of injury!

1.12. INTENDED USE

Awnings may be used only for the purpose defined for them in the operating instructions. Changes, such as attachments and modifications not intended by the manufacturer may only be carried out with the manufacturer's written consent.

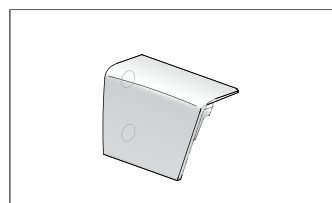
Additional loading of the awnings by attaching objects or by cable tensioning or the like can result in damage to the awning or to it falling down; this is not permitted.

BRACKET ARRANGEMENT AND PULL-OUT FORCES FOR WALL MOUNTING

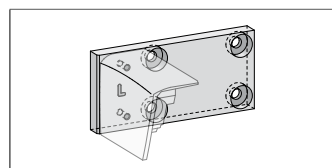
Important mounting instructions must be observed!

All supplied brackets must be used, and the brackets must also be mounted with all fastening points. The pull-out forces must be observed (see p.6).

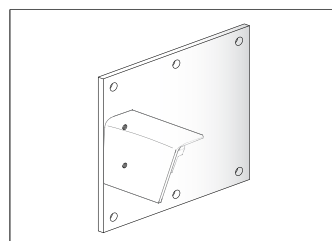
Wall bracket WK20/21 Standard functional wall bracket in left and right version 2 Bef. points per console	Wall plate EK24/25 In left and right version 4-def. points per bracket	Mounting plate WK23 For left and right 6-def. points per bracket	Niche angle NW1/2 In left and right version 2 access points per bracket



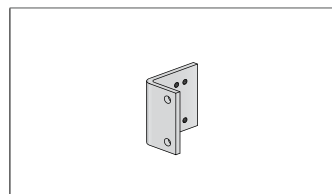
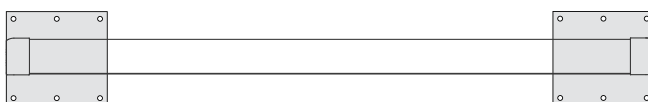
K-Set KI (Standard)
Consisting of 1 pc. WK20 (left) and 1 pcs. WK21 (right).
The brackets are at the same time also the side bearings of the awning, altogether 4 Bef. points



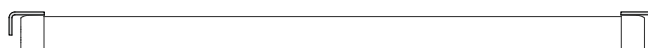
K-Set KM
Consisting of 1 pc. WK24 (left) and 1 pcs. WK25 (right).
For fastening on difficult substrates.
8 fixing points in total



K-Set KL
Consisting of 2 pcs. WK23 (with 1 x steel plate each) for the fastening on critical substrates.
12 fixing points in total



K-Set HW
Consisting of 1 pc. NW1 (left) and 1 pcs. NW2 (right), for mounting the awning over the standard wall bracket WK20/21.
altogether 4 Bef. points



Please note: The brackets can only be mounted on the very outside in the area of the functional bearings for this awning type.
The axis dimension cannot be changed.

Bef.-Punkte = attachment points; K-Set = bracket set; WK = wall bracket; DK = ceiling bracket; NW = niche bracket

FOR VALETTA AWNINGS

EXTRACTS AND CONSOLE SETS for wind resistance class 2

Pull-out forces in Newtons (N) per fastening screw

In order for the wind resistance class we quote to be valid, the fastener must be matched to the existing substrate by the installer.

For incoming orders without information on the fastening substrate, you will receive mounting brackets for fastening to concrete C 20/25. Please note that these brackets may not be suitable for mounting on other substrates. To comply with DIN EN 13561, it is necessary to install the type and number of brackets recommended per product. It is essential to observe the specified dowel pull-out forces as well as the assembly and installation instructions of the fastener manufacturer (incl. edge and hole spacing). Exact pull-out forces depending on the insulation plaster thickness and the desired bracket set, as well as installation on other substrates on request.

Wandmontage auf Beton C20/25

Breite in cm	Ausladung in cm									
	150		200		250		300		350	
	N	K-Set	N	K-Set	N	K-Set	N	K-Set	N	K-Set
250	1.235	KI	1.948	KI						
300	1.431	KI	2.255	KI	3.298	KI				
350	1.627	KI	2.562	KI	3.738	KI	5.163	KI		
400	1.824	KI	2.869	KI	4.178	KI	5.759	KI*	7.547	KI*
450	2.020	KI	3.176	KI	4.619	KI	6.355	KI*	3.652	KM
500	2.216	KI	3.483	KI	5.059	KI	6.952	KI*	4.523	KM

Wandmontage auf Mauerziegel \geq Mz 12

Breite in cm	Ausladung in cm									
	150		200		250		300		350	
	N	K-Set	N	K-Set	N	K-Set	N	K-Set	N	K-Set
250	543	KM	856	KM						
300	629	KM	991	KM	330	KL				
350	715	KM	1.125	KM	374	KL	517	KL		
400	801	KM	287	KL	418	KL	576	KL	755	KL
450	887	KM	318	KL	462	KL	636	KL	833	KL
500	973	KM	349	KL	506	KL	696	KL	1.031	KL

Wandmontage auf Hochlochziegel \geq HLz 12

Breite in cm	Ausladung in cm									
	150		200		250		300		350	
	N	K-Set	N	K-Set	N	K-Set	N	K-Set	N	K-Set
250	543	KM	856	KM						
300	629	KM	991	KM	330	KL				
350	715	KM	256	KL	374	KL	517	KL		
400	801	KM	287	KL	418	KL	576	KL	755	KL
450	887	KM	318	KL	462	KL	636	KL	833	KL
500	973	KM	349	KL	506	KL	696	KL	1.031	KL

Wandmontage auf Porenbeton \geq PB2

Breite in cm	Ausladung in cm									
	150		200		250		300		350	
	N	K-Set	N	K-Set	N	K-Set	N	K-Set	N	K-Set
250	543	KM	856	KM						
300	629	KM	226	KL	330	KL				
350	715	KM	256	KL	374	KL	517	KL		
400	801	KM	287	KL	418	KL	576	KL	755	KL
450	202	KL	318	KL	462	KL	636	KL	833	KL
500	222	KL	349	KL	506	KL	696	KL	1.031	KL

NOTE ON NICHE INSTALLATION

In contrast to wall or ceiling mounting, niche mounting does not generate

In contrast to wall or ceiling mounting, no pull-out forces occur, but shear forces. The maximum shear force for the largest dimension is approx. 74 N/mm² per screw.

Please use the bracket set HW for mounting.

We recommend M12 steel screws (8.8) or M12 stainless steel screws (A2 70) for fastening our bracket set HW. The permissible shear stress of these screws is at least 350 N/mm² per screw.

The mounting and installation instructions of the fastener manufacturer must be observed.

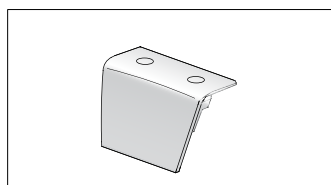
BRACKET ARRANGEMENT AND PULL-OUT FORCES FOR CEILING MOUNTING

Important mounting instructions must be observed!

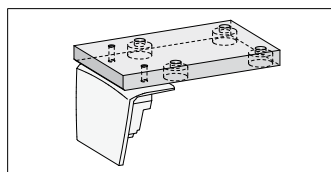
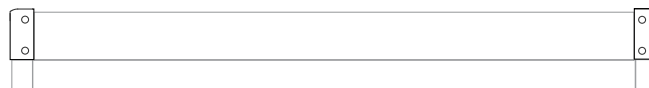
All supplied brackets must be used, and the brackets must also be mounted with all fastening points.

The pull-out forces must be observed (see p.8).

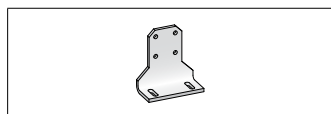
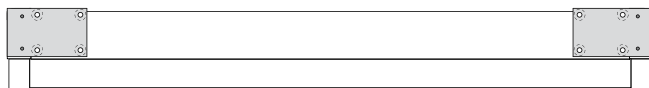
Ceiling bracket DK8/9 Standard functional bearing ceiling in left and right version 2 Bef. points per console	Ceiling plate DK12 For left and right 4 Bef. points per bracket	Roof rafter angle For left and right 3-Fef. points per angle



K-Set KW
Consisting of 1 pc. DK8 (left) and 1 pc. DK9 (right). The brackets are at the same time the side bearings of the awning. altogether 4 Bef. points



K-Set KP
Consisting of 2 pcs. DK12 for fastening on difficult substrates. 8 fixing points in total



Roof rafter angle
altogether 6 Bef. points



Please note: The brackets can only be mounted on the very outside in the area of the functional bearings for this awning type. The axis dimension cannot be changed.

* DK 8 ceiling bracket: left; DK 9: right;

Bef.-Punkte = fixing points; K-Set = bracket set; WK = wall bracket; DK = ceiling bracket; NW = niche bracket

FOR VALETTA AWNINGS

EXTRACTS AND CONSOLE SETS for wind resistance class 2

Pull-out forces in Newtons (N) per fastening screw

In order for the wind resistance class we quote to be valid, the fastener must be matched to the existing substrate by the installer.

For incoming orders without information on the fastening substrate, you will receive mounting brackets for fastening to concrete C 20/25. Please note that these brackets may not be suitable for mounting on other substrates. To comply with DIN EN 13561, it is necessary to install the type and number of brackets recommended per product. It is essential to observe the specified dowel pull-out forces as well as the assembly and installation instructions of the fastener manufacturer (incl. edge and hole spacing). Exact pull-out forces depending on the insulation plaster thickness and the desired bracket set, as well as installation on other substrates on request.

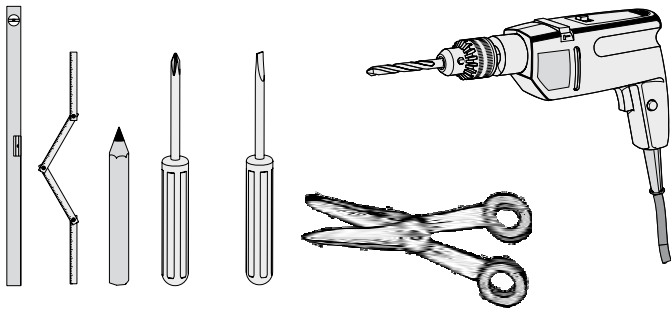
Deckenmontage auf Beton C20/25

Breite in cm	Ausladung in cm									
	150		200		250		300		350	
	N	K-Set	N	K-Set	N	K-Set	N	K-Set	N	K-Set
250	990	KW	1.491	KW						
300	1.153	KW	1.731	KW	2.461	KW				
350	1.316	KW	1.971	KW	2.795	KW	3.793	KW		
400	1.478	KW	2.211	KW	3.128	KW	4.236	KW	5.489	KW
450	1.641	KW	2.451	KW	3.462	KW	4.679	KW	6.057	KW*
500	1.803	KW	2.691	KW	3.795	KW	5.122	KW	7.473	KW*

* Nur in Verbindung mit Ankerbolzen FAZ II M12 GS A4.

N = Auszugskraft in Newton (N) pro Befestigungsschraube; K-Set = vorgesehenes Konsolenset

RECOMMENDED ASSEMBLY TOOLS

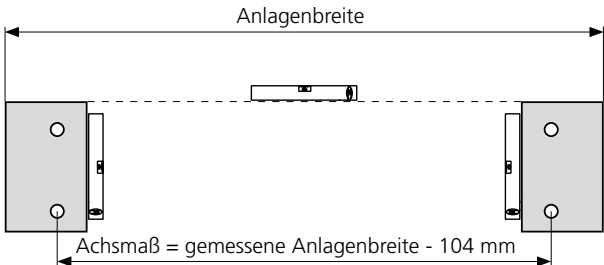


- Allen wrench SW 3, 4, 5, 6+10
- Box spanner SW 10 (for coupling)
- Spirit level

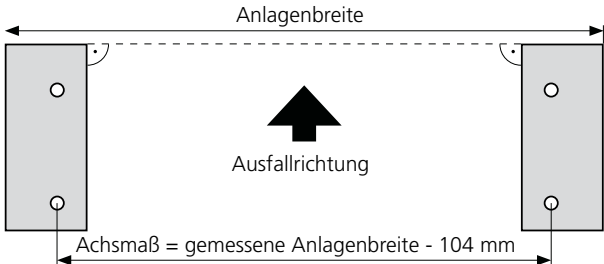
If electrically operated:
1 adjustment cable for SunTop drives (prod. no. 99-1669) or 1 adjustment cable for io wireless drives (prod. no. 99-4196)
Adjustment cables can be used only for the installation!

CAUTION!
For motor settings please follow the setting instructions for electric drives,

SYSTEM WIDTHS / BRACKET ARRANGEMENT

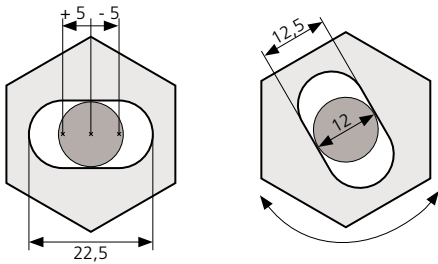


Bracket arrangement wall installation



Bracket arrangement ceiling installation

ATTACH BRACKETS

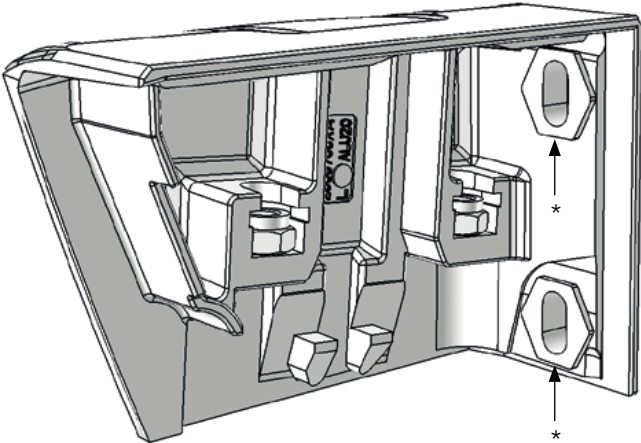


Tolerance compensation with eccentric disks

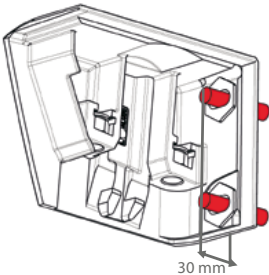
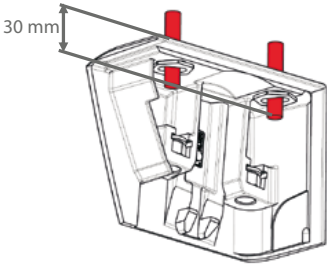
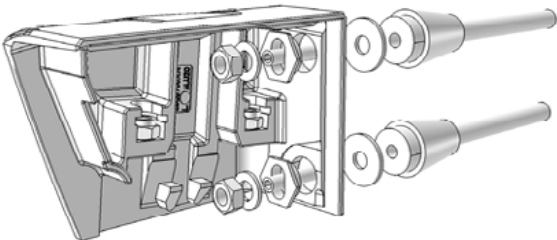
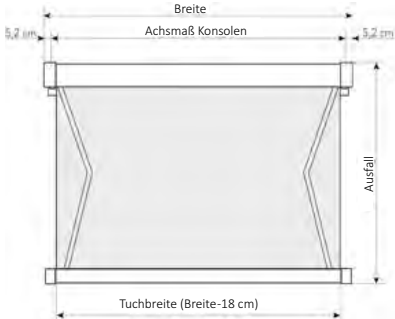
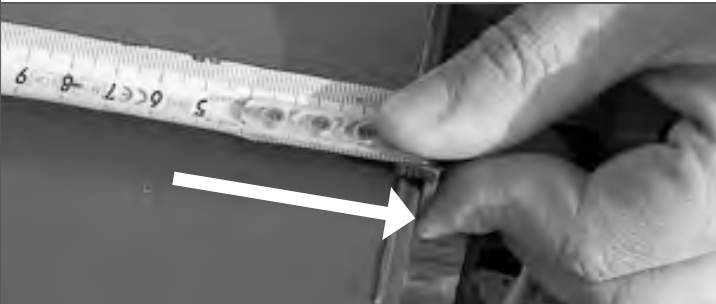

Eccentric disks are used in the brackets to compensate an inaccuracy in the drilling pattern.

The eccentric disks are used in the brackets during installation and allow a tolerance compensation of 5 mm in the wall level and 5 mm in the ceiling level.

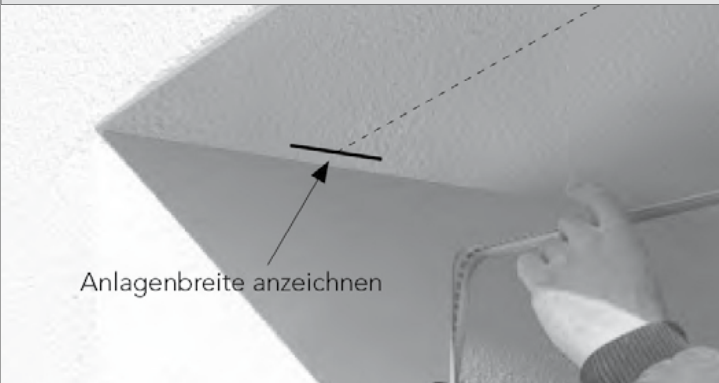
(Use an open-end wrench SW 30 to turn the eccentric washers).



Wall bracket with inserted eccentric washers* (2 pcs. per bracket).

GENERAL MOUNTING INSTRUCTIONS	
	<p>WALL INSTALLATION</p> <p>Eccentric disks are used in the brackets to compensate an inaccuracy in the drilling pattern.</p> <p>The eccentric disks are used in the brackets during installation and allow a tolerance compensation of 5 mm in the wall level and 5 mm in the ceiling level.</p> <p>(Use an open-end wrench SW 30 to turn the eccentric washers).</p>
	<p>CEILING INTALLATION</p> <p>ATTENTION:</p> <p>Fasteners must not protrude more than 30 mm (from the outer edge of the bracket) into the ceiling or wall brackets so that the awning can be retracted unhindered during installation.</p>
	<p>MOUNTING WITH FISCHER THERMAX M16 60/170</p> <p>CAUTION:</p> <p>When mounting the brackets directly on Fischer Thermax M16 60/170*, use the enclosed washers.</p> <p>Wall bracket on Fischer Thermax M16* with washer (Ø 13 mm DIN 9021), (2 Stk. pro Konsole)* or comparable product.</p>
DETERMINE PLANT WIDTH	
	<p>DETERMINE PLANT WIDTH</p> <p>Measure the cassette width (outer edge of casting to outer edge of casting) and add 140 mm.</p>
	<p>Outer edge casting</p>
	<p>Measure the cassette width</p>

MARKING THE PLANT WIDTH



Mark the system width (cassette area +140 mm) on the wall or ceiling (horizontal or edge parallel).

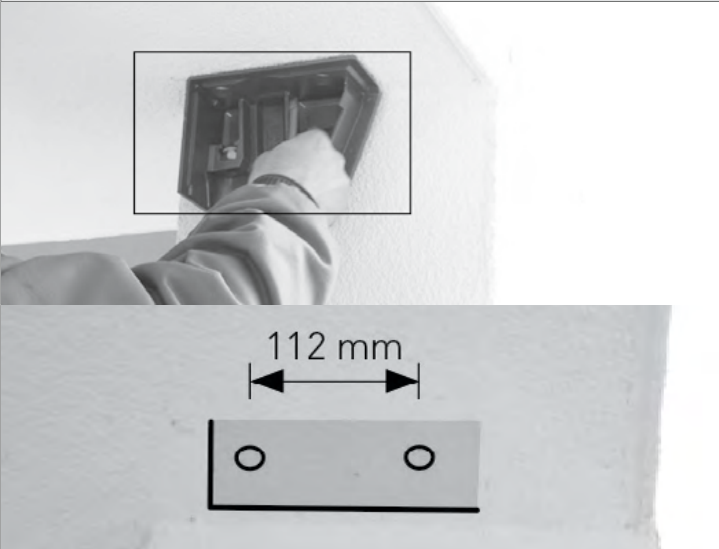
Mark the system width (for example ceiling installation)

MARK REAR EDGE OF AWNING



Mark the desired lower edge or the upper edge of the awning for wall installation. The rear edge of the awning for ceiling installation. (horizontal or edge parallel)

TRANSFER DRILLING PATTERN



Mark the desired lower edge or the upper edge of the awning for wall installation. The rear edge of the awning for ceiling installation. (horizontal or edge parallel)

Drilling pattern and markings (e.g. ceiling mounting)

SET DRILL HOLE



CAUTION:
It is essential that the fastening material is matched to the existing mounting substrate!

Set drill hole (for example ceiling installation)

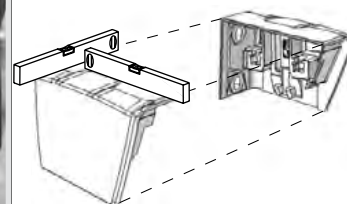
LUNA CASSETTE AWNING

ATTACH BRACKETS



Insert eccentric washers (see Fig. small) in brackets (2 pcs. per side) and attach brackets. Do not fully tighten the fasteners yet. Align brackets (eccentric washers in the brackets allow adjustment of ± 5 mm in each direction). (see also technical data for bracket attachment).

Aligning the console (e.g. ceiling mounting)

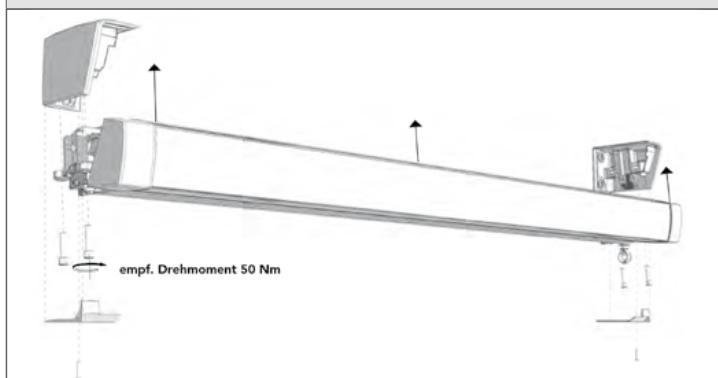


TIGHTEN FASTENING SCREWS (E.G. CEILING MOUNTING)



Once the brackets are aligned, tighten the fastener according to the fastener manufacturer's instructions.

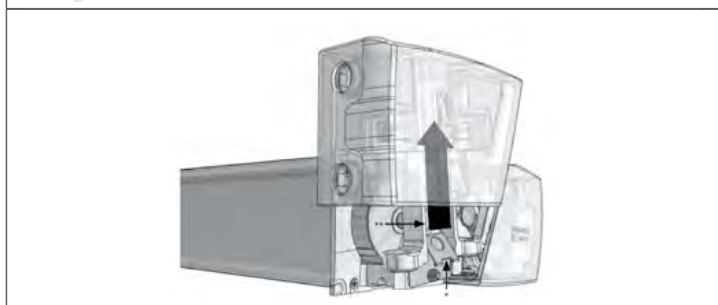
HANG UP AWNING



Push the awning into the brackets from bottom to top, if possible simultaneously. The awning has a spring mechanism and engages audibly (see Fig. 09, 10).

CAUTION:

- This step must be carried out by two fitters!
- The awning must engage audibly!
- As long as the locking screws are not set, the area under the awning is a danger zone and may only be entered by fitters.



Observe spring mechanism* and guide channel** when hooking in

LUNA CASSETTE AWNING

SET LOCKING SCREWS



Once the awning is engaged and the brackets are aligned, the awning must be secured with the locking screws before further operation. To do this, tighten the supplied screws „crosswise“ (2 pieces per bracket, M 12 x 45, recommended torque 50 Nm).
The locking screws are fully screwed in when the awning can no longer be lifted in the console (see Fig.).

CAUTION:

Without locking screws, the system is not ready for use and must not be moved!

ATTACH CONSOLE COVER

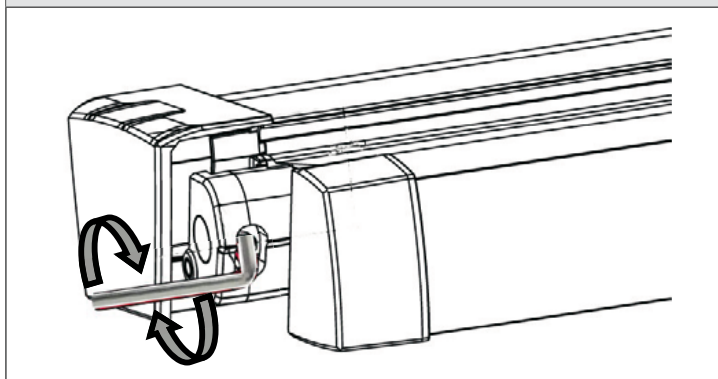


Attach the two covers from below using the supplied fastening screws (2 pieces M 6 x 20 DIN 7991 A2).
It may be advisable to extend the awning by approx. 5 cm for this purpose (see Fig.).

Cover with fixing screw





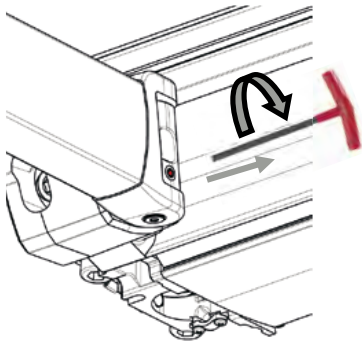
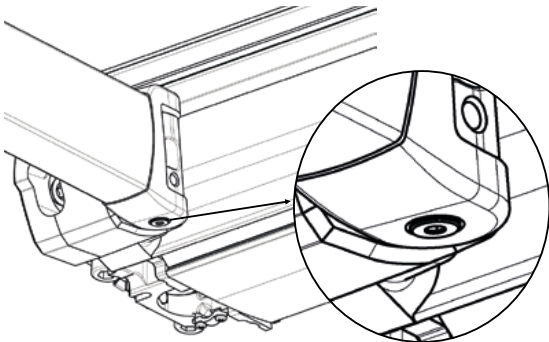
ADJUST AND ALIGN THE ARMS

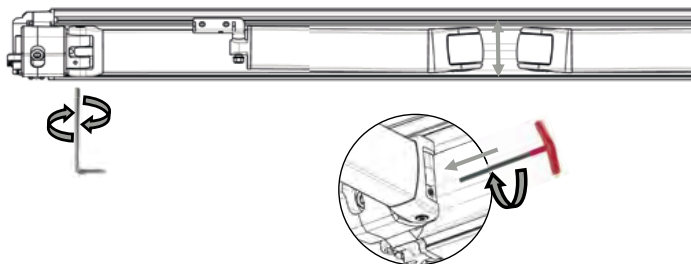


HOW TO CHANGE THE INCLINATION:

Use an M10 Allen key for the front screws on the arm joint, as shown in the drawing.

TILT ANGLE ADJUSTMENT	
	<p>Check the horizontal position of the drop-out profile.</p> <p>TIP For easier tilt adjustment, raise arms slightly.</p> <p>Clockwise rotation = less inclination Left rotation = greater inclination</p> <p>Adjustment range from 5° - 40</p>
	<p>Direction of rotation of the adjusting screw</p>

CHANGE ALIGNMENT	
	<p>Remove the locking bolt.</p>
	<p>By turning the Allen key, the optimum alignment is achieved.</p>

ADJUSTMENT SECURING BOLT	
	<p>ATTENTION! After adjusting the alignment, fix the locking bolt again!</p>

CHECK NICHE MOUNTING / PLANT WIDTHS

<div><p>Nischenwinkelmontage Variante 1 (Standard)</p><p>Nischenwinkelmontage Variante 2</p></div>	<p>The system width can be determined as described on the previous page. (see page „Determining the system width“)</p> <p>Observe the ordered installation variant (variant 1 or 2).</p> <p>NOTE:</p> <p>Due to the different drilling distances of the brackets, do not interchange NW1 and NW2!</p>
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ATTACH NICHE ANGLE

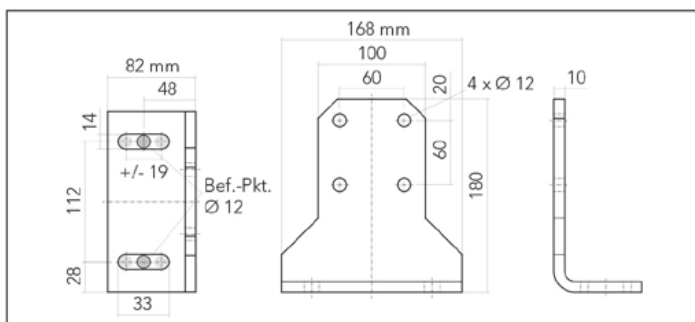
<div><p>Montagemaße Einbauvariante 1 (Standard)</p><p>Montagemaße Einbauvariante 2</p><p>Nischenwinkel waagrecht ausrichten!</p></div>	<p>ATTENTION:</p> <p>It is essential that the fastening material is matched to the existing mounting surface!</p> <p>Attach niche angles to niche surfaces (align horizontally!). Check axis dimension at niche angles and compare with system axis dimension (observe installation variant)! If necessary, underlay niche angles with suitable accessories (see illustration).</p> <p>Once the niche angles are aligned, tighten the fastener according to the fastener manufacturer’s instructions.</p> <p>*System axis dimension = system width- 104 mm</p> <p>Niche angle and mounting dimensions</p>
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ATTACH CONSOLE TO NICHE ANGLE

<div><p>Einbauvariante 1 (Standard)</p><p>Einbauvariante 2</p></div>	<p>Mount the brackets on both sides, tighten the hexagonal bolts supplied (4 pcs. M 10 x 25 DIN 933 A2).observe the selected installation variant and mounting method (see Fig.).</p> <p>FURTHER PROCEDURE:</p> <p>For further installation, please refer to the previous pages of the installation instructions (see illustration: hooking in the awning until the angle of inclination is adjusted).</p> <p>Note mounting variants</p>
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LUNA CASSETTE AWNING

ROOF RAFTER - MOUNT BRACKET TO NICHE ANGLE



NOTE:

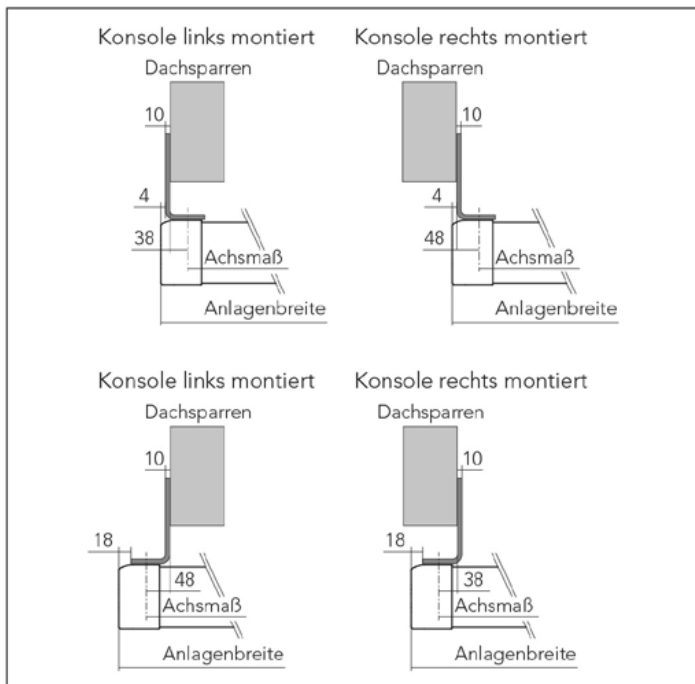
Recommended for projections up to max. 300 cm. Please be sure to check the statics of the substructure before the installation.
Draw a sketch showing the position of the awning, the rafter brackets (incl. installation position) and the rafters. For VALETTA LUNA awnings, the brackets can only be mounted on the very outside in the area of the functional bearings. The axis dimension cannot be changed. The system width must be adjusted to the rafters or the axis dimension.
Wind resistance class 0 applies when mounting on wood.

Order dimension = system width

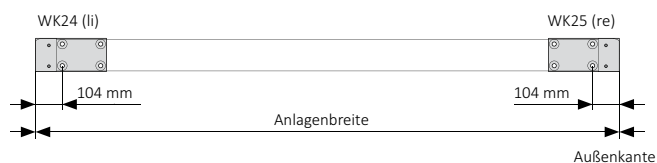
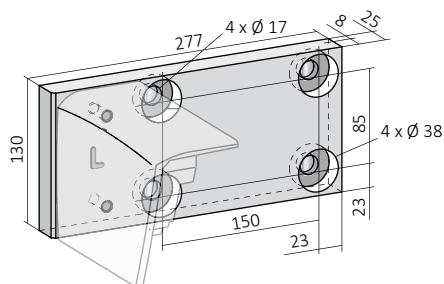
System width = axis dimension + 104 mm

Axle dimension = center of left fastening point to center of right fastening point.

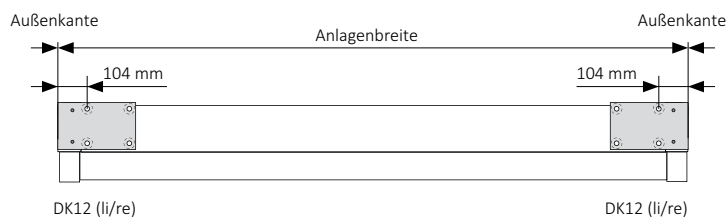
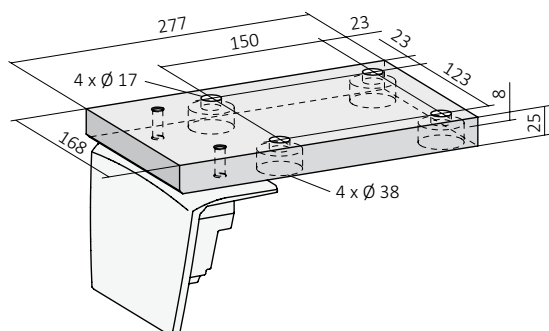
Adjustment range = +/- 19 mm per rafter bracket



INSTALLATION WITH K-SET KM / KP (SEE PARAGRAPH DETERMINE PLANT WIDTH)



INSTALLATION WITH K-SET KM / KP (SEE PARAGRAPH DETERMINE PLANT WIDTH):



LUNA CASSETTE AWNING

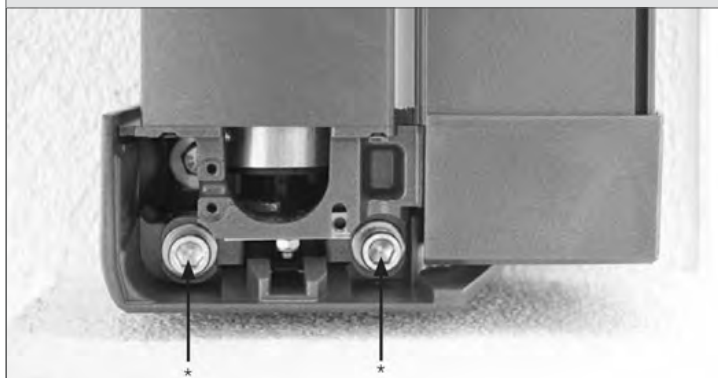
DISASSEMBLY OF THE AWNING



Extend awning approx. 5 cm and remove bracket covers (2 pieces M 6 x 20 DIN 7991 A2).

Remove console cover

REMOVE LOCKING SCREWS



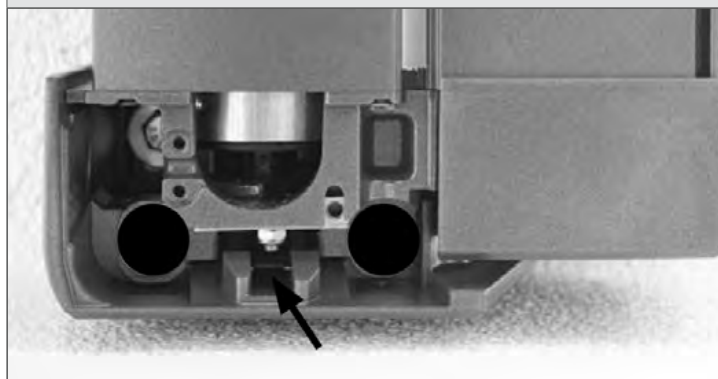
Retract the awning completely and remove all locking screws (2 pieces per bracket, M 12 x 45 DIN 912 A2).

Disconnect the system from the power supply beforehand.

The area under the awning becomes a danger area without securing screws and may only be entered by the fitters.

Without securing screws, the system is not ready for use and must not be operated!

LIFT OUT AWNING ON BOTH SIDES



The unhooking of the awning or the unlocking of the spring mechanism must be carried out by 2 fitters simultaneously on the left and right!

Lift the awning slightly on both sides and unlock the spring mechanism with a slotted screwdriver (5.5- 9 mm) (see Fig.).

The awning can then be removed downwards from the brackets.

Insert slotted screwdriver here

UNLOCKING THE SPRING MECHANISM

1



2



3



4



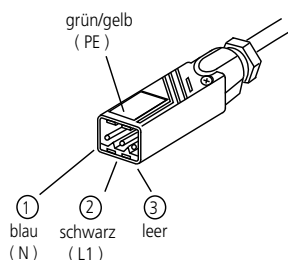
1. apply slotted screwdriver to unlock.
2. lever out spring mechanism by lifting or twisting screwdriver
3. spring mechanism is unlocked in advance
4. awning can be removed downwards from the brackets

LUNA CASSETTE AWNING

ME8 I ME9 (OREA WT) - SETTING INSTRUCTIONS

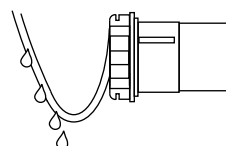
CAUTION: The lower end position of the awning is set at the factory. The upper end position is not set, as it is approached via the torque. A change is only required if the lower end position has to be reset.

ELECTRIC CONNECTION



The OREA WT must be connected according to the terminal assignment. During connection work, the power supply must be disconnected (remove the fuse!).

NOTE: The on-site connection of the actuator and the controls must be carried out by a specialist electrical company.



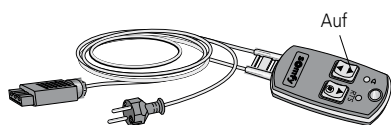
To prevent water from running into the motor, the connection cable should always be laid with a loop downwards.

IMPORTANT NOTES

This system is equipped with an electronic Orea WT actuator. The Somfy Universal adjustment cable must be used to adjust the end positions. must be used.

- I The electronics in the drive only works when the fabric shaft is installed!
 - Work on the mains may only be carried out by authorized qualified personnel!
 - I After end position adjustment of the drive, attach these installation instructions for the electrician to the cable!
 - I When using own control units which are not included in the scope of delivery (e.g. wind- sun monitor or similar) it must be ensured, that a switching pause of at least 0.5 sec. from retract to extend command is set in the control unit.
- For operation via switches, only pushbutton switches with „dead man“ switching are permissible and must be interlocked.
- According to VDE, the motor must not be subjected to continuous electricity.
- Otherwise, the reliable function of the Orea WT drive cannot be guaranteed!

INSTALLATION



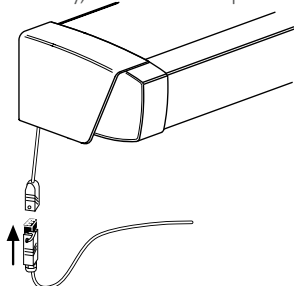
A. NOTE FOR THE ELECTRICAL TECHNICIAN

This awning must not be connected under voltage. Remove the fuse beforehand! There is a risk that the electronic end position setting will be erased. A new setting can only be made with the special Somfy universal setting cable (Art. No. 99- 4196). The system must be fused in accordance with VDE using an upstream residual current circuit breaker. Only cable and plug connections with a protection class of at least IP 54 may be used for the electrical connection.

END POSITION SETTING

The lower end position of the awning is set at the factory. The upper end position is not set, as it is approached via torque. A change is only necessary if the lower end position is to be reset.

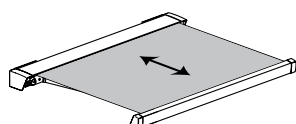
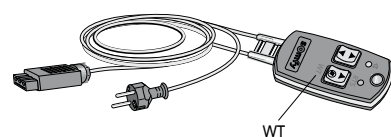
If necessary, the lower end position can be changed. Please note the following points:



Connect the Somfy Universal adjustment cable to the Hirschmann coupling of the actuator.

Note: The switch on the adjustment cable must be set to WT.

1. Move the awning to the lower end position using the „DOWN“ button. Drive switches off automatically.
2. Press the „DOWN“ button on the control unit for approx. 5 seconds.
3. Wait for 2 seconds.
4. Press the „DOWN“ key until the awning confirms with a short up/down movement.
5. Repeat steps 3 and 4 four times. The last up/down movement is briefly delayed.
6. Move the awning to the desired lower end position.
7. Briefly press the „UP“ key. If the awning reacts, repeat step 6.
8. Wait 2 seconds.
9. Press the „UP“ key until the awning confirms with a short up/down movement. The new position of the lower end position is taught.



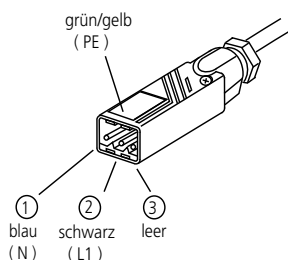
Test run

LUNA CASSETTE AWNING

SETTING INSTRUCTIONS FOR SUNEIO IO RADIO DRIVES FROM SOMFY

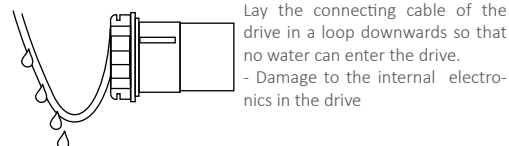
ATTENTION: The lower end position of the awning is set at the factory. The upper end position is not set, as it is approached via torque. A change is only necessary if the lower end position is to be reset.

ELECTRIC CONNECTIONS



The connection cable must have a residual length of at least 30 cm. If the remaining length is shorter, the integrated antenna will be damaged and reception problems may occur. The Suneio io must be connected according to the terminal assignment. During connection work, the power supply must be interrupted. (Remove the fuse!) The system must be fused in accordance with VDE using an upstream RCD circuit breaker. For the electrical connection only cable and plug connections with a protection class of min. IP 54 may be used.

NOTE: The on-site connection of the actuator and the controls must be carried out by a specialist electrical company.



SPECIAL FEATURES OF RADIO CONTROLS io radio frequency: 868.25 MHz.

The control should not be installed in the direct vicinity of metallic surfaces. Strong local transmitting systems (e.g. radio headphones), whose transmitting frequency is identical with the control unit may influence the function.

CHARACTERISTICS OF THE RADIO TRANSMITTERS

1 W: unidirectional (one way, can only transmit)

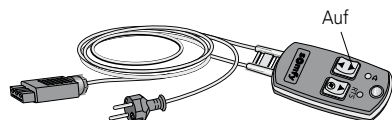
2 W: bidirectional (two way, can send & receive)

Transmitter range for unidirectional transmitter (1W) is 15 meters without concrete wall. With bidirectional transmitter (2W) up to 20 meters with two concrete walls. The following transmitters are unidirectional (1W): Situo Mobile io, Smooove 1 io, Smooove Origin io and Smooove A/M io. A maximum of 9 unidirectional transmitters (1W) can be taught into each Suneio io drive, including a maximum of 3 wind sensors, e.g. Eolis 3D WireFree io, Eolis WireFree io. Any number of bidirectional transmitters (2W) can be taught into the Suneio io drive.

Suneio io drives cannot be operated with an RTS radio transmitter (433.42 MHz).

Likewise, RTS drives cannot be operated with an io radio transmitter (868.25 MHz).

INSTALLATION



To operate the awning during installation, the drive must be connected to the Somfy sample cable. For the power supply of the drive, the „Open“ button of the trial cable must be pressed. The drive can then be operated using the radio hand-held transmitter supplied.

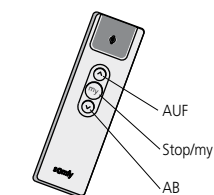
The radio hand-held transmitter is programmed to the drive. In addition, the upper and lower standard end positions are already set at the factory and no longer need to be programmed. The drive switches off automatically in the upper end position when a certain nominal torque is reached.

CHANGE OF THE LOWER END POSITION

(only necessary if the factory setting is to be changed).

The lower end position of the awning is set at the factory. The upper end position is not set, as it is approached via torque. A change is only necessary if the lower end position is to be reset.

If required, the lower end position can be changed. For this purpose, please use a control without feedback (1W), e.g. Situo Mobile io.



Press the „DOWN“ button to extend the awning completely (the drive switches off automatically). 2.

Press the „UP“ and „DOWN“ buttons simultaneously for approx. 5 sec. until the system moves back and forth briefly.

3. Set the new desired end position of the awning using the „UP“ or „DOWN“ button. 4.

4. Press the middle „Stop“ button until the system briefly moves back and forth again. 5.

The lower end position is newly set.

6. Test run

TEACH-IN FURTHER TRANSMITTERS

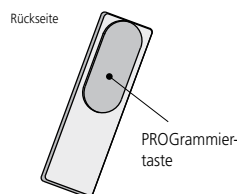
(or delete taught-in controls without feedback (1W)).

In each Suneio io drive, max. 9 controls can be taught-in without feedback (1W).

(1W), of which max. 3 are wind sensors, e.g. Eolis 3D sensors, e.g. Eolis 3D WireFree io, Eolis WireFree io.

To teach-in further transmitters (or to delete them), you always need a transmitter that has already been taught-in.

If no corresponding transmitter is available, contact your dealer for further information.



Press the PROG button on the back of the transmitter, which is already programmed to the radio drive, for approx. 2 sec. The system moves briefly and is thus in the so-called „learning readiness“. 2.

2. Briefly press the PROG button of the transmitter that is to be relearned (or deleted). The system moves back and forth again briefly.

3. The new transmitter is programmed (or deleted).

Test run

LUNA CASSETTE AWNING



MOTOR OREA WT



ME8 Motor drahtgebunden bis 6 m Anlagenbreite
Motor mit Drehmomenterkennung; ohne Steuerung/
Schalter

ME9 Motor drahtgebunden über 6 m Anlagenbreite
Motor mit Drehmomenterkennung; ohne Steuerung/
Schalter



FUNKMOTOR SUNEa IO



FME8-IO Funkmotor io bis 6 m Anlagenbreite
ohne Sender

FME9-IO Funkmotor io über 6 m Anlagenbreite
ohne Sender

DECLARATION OF PERFORMANCE



FUNK-WINDSENSOR EOLIS 3D IO



3D-FW-S-IO-W
EOLIS 3D IO WireFree io-homecontrol Weiss

3D-FW-S-IO-S
EOLIS 3D IO WireFree io-homecontrol Schwarz

LUNA CASSETTE AWNING

TROUBLESHOOTING

Here is a list of possible awning malfunctions, their possible causes and recommended solutions.

Problems for which no specialist company is listed may be solved independently.

All problems for which a specialist company is listed must be carried out by an authorized specialist company or electrician.

PROBLEM / FAULT	POSSIBLE CAUSES	SOLUTION / NOTE
Plant / control system does not respond	The awning was retracted and extended several times in a short period of time > Thermal protection switch was triggered for protecting the motor from overheating	Wait approx. 10-15 minutes until the engine has cooled down and then try again.
	Higher-level control command is available	Wait for switch-off delay and try again
	Power supply line defect	Inspection of the power supply line by a qualified electrician or specialist company
	Motor defect	Prüfung / Austausch durch Fachbetrieb
Awning does not move to the desired end position	End positions at motor adjusted	Setting the end positions by a specialist company
Fabric wraps diagonally	Articulated arms retract differently	Retract the awning and observe which arm retracts first > Extend the awning and move the fabric on the shaft in the direction of the articulated arm that retracts first
FOR RADIO CONTROL		
No reaction of the awning to remote control	The battery of the wall or handheld transmitter is empty	Replace battery
Awning with wind sensor retracts independently	The battery of the Eolis 3D wind sensor is empty	Replace battery
	Wind or sun sensor is defective	Function check by specialist company
Awning can not be extended	Existing wind monitor reacts to excessive wind	Try again after the wind speed has decreased
Awning with sun sensor does not extend sunlight does not extend	Sun sensor is obscured or covered	Check sensor position
	Sun automatic not activated	Activate automatic sun control
	Threshold value set too low	Adjust threshold

Further information such as declaration of performance etc. can be found in the download area on our homepage at WWW.VALETТА.AT



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