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DOC No.:	MS C 8.4	Dept:	OUTDOOR	Review Date:	Feb 2019	Issue No:	4



MS C 8.4 Motorised Awnings

Orig. Issue Date:	June 2011	Reviewer:	Mark Khong
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Location	Computer File:	\\Common\contract\AA - Products\Outdoor\ Product Specification - MS C 8.4 Motorised Awnings
	Hard Copies:	<ul style="list-style-type: none"> ▪ Production Office (Master Copy) ▪ Outdoor Work Area File

Document Revisions—		
Date	Description of change	Originated by—
03 09 09	Create Specification	Mark Khong
Nov 2011	Side hems on all Screen fabrics except Outlook Mode & V/Weave Plus fabrics, unless requested as No side Hems	Krishna
Jan 2012	Rollertube deduction altered from 55mm to 53mm	Krishna
Jan 18	Added Alpha motors	Krishna

Approval—			
Stakeholder	Position	Signature	Date
Krishna	Production Manager		
Andrew Rundle	Marketing Manager		

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PRODUCT SPECIFICATION



Product Name

Outdoor Motorised Awnings

1. Scope

This specification covers the motorisation of Outdoor Blinds with the following types:

- Wire Guide
- Fixed Guide
- Strap down

For further information on the above finished, please refer to their respective Product Specification.

Motorisation can be complex and confusing. The aim of this document is to simplify motorisation for roller blinds by standardising the most common motors and roller tubes used. This will apply to most applications.

For large blinds that are outside the allowable sizes as per given in this document please refer to the Production Manager.

All motors offered by Contract Blinds are IP 44 rated – Protected against solid particles greater than 1mm and protected against water splashes from all directions.

Note: The motors are NOT water proof, cannot be hosed down, and if installed externally, they will require covering.

2. General Specifications

BLIND DIMENSIONS:

	Somfy motors	Contract Blinds motors
	63mm steel tube	63mm steel tube
Minimum Width	800	900
Maximum Width	4400	4400
Maximum Drop	3600mm. When the ration of Width to Drop exceeds 3:1, the roll up tends to get more difficult (keeping it from telescoping).	

NOTES—

- Where blinds are **ordered outside this range**, customers must be referred to the Production Manager. Blinds ordered that are outside this range should not be made without authorisation.
- Allowable Width & Drop dimensions will also depend upon fabric type. Please refer to Contract Blinds Fabric Grouping and Suitability Chart

CLOTH WIDTH

CLOTH WIDTH	63mm ROLLER	TOLERANCE
SINGLE ROLLER	Blind Width (OBM) – 72mm	± 2mm

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ROLLERS

Diameter	• 63 mm steel tube	
Type	No. of BLINDS	ROLLER TYPE
	Single Blind	• Single Roller
	2 Blinds	• Motor Roller—used for motor end Blind • Idler Roller—used for Blind at non-motor end Blind
Cutting	Refer to Roller Cutting Chart	

MOTOR COMPONENTS

	Somfy motors		Alpha motors	
	Standard R/F Motor	Standard Hard Wired Motor	Standard R/F Motor	Standard Hard Wired Motor
63 mm SYSTEM	Altus 50 RTS 10/17	LT 50 Jet 10/17	WSER 50 30/17	N/A
Setting Upper / Lower Limits	Remote control	Hex Key Screw	Remote control	-
In-Line Connector	No			
Brackets used with Fixed Guide or Strap Down (with hood)	Perforated Hood Ends with Zamack and Pivot, Pin & Plate			
Brackets used with Wire Guide or Strap Down (no hood)	Universal Fixing Brackets (65 mm) with Zamack and Pivot, Pin & Plate		Block and Pin style Bracket with Pivot, Pin & Plate	
Crown and Wheel	M63 Crown and Drive Wheel		63mm Crown and Drive wheel	
Control type	Telis RTS 1 or 4	Unis Uno switch	Remote 1, 4 or 16 channel	NA
Wind and Sun Sensor	YES	No	NO	NO
C-Bus compatible	NO	YES	NO	NO
Number of motors per channel	10		10	NA

Parts for Somfy Motor



Somfy M63 Crown & Wheel



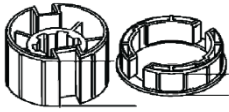
Zamack bracket



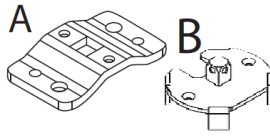
Pivot, Pin & Plate and Idle End with hole

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Parts for Alpha Motor



Alpha 63mm Crown & Wheel



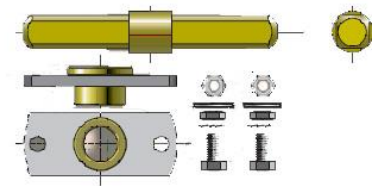
Block and Pin style bracket
Block & Pin style bracket



Pivot, Pin & Plate and Idle End with hole

Linked Motorised Blind

The linking of 2 blinds can be achieved by using the Somfy Intermediate Bracket Kit together with 2 Plug Ends 63 mm Ø. The maximum torque through the Intermediate Bracket Kit is 30 Nm. Maximum combined weight of the blinds is 25 kg.



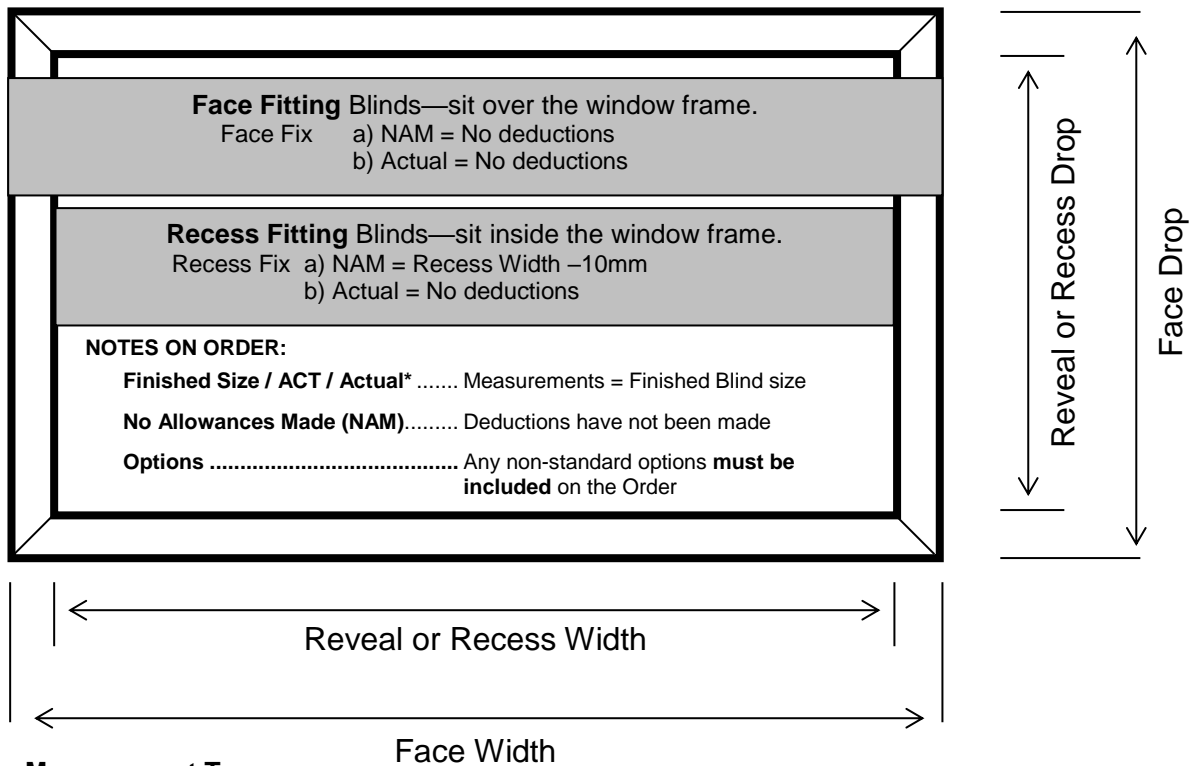
3. Options

	Standard	Available Options
Motor Available	Somfy	Alpha Motor
Somfy Remote	Telis RTS 1 (single channel)	Multi channels, different colours
Alpha Remote	Single Channel	4,8 and 16 Channel
Wall Switch	Single Switch	NA
Wind Sensor	None	Somfy only
Sun Sensor	None	Somfy only
Low voltage controllers	None	Available at Somfy Other home control systems can be uses, as long as the outputs switch for up, down and stop is 240 V.

NOTE—Options should only be used if they are noted on the Work Order. Otherwise STANDARD fittings must be used.

4. Standard Measurement Terminology

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Measurement Type—

PINBlind width measured from Outside of Bracket to Outside of Bracket

NOTES ~

* If there is no indication on the Order, it will be assumed that the measurements given are Finished Sizes.

OTHER NOTE: Colour may vary from dye lots to dye lot.

TIPS:

- Always use a reliable metal tape measure
- Always measure the width at the fixing height.
- Before completing the Order, make sure there are no obstructions that could interfere with fitting the Blind

5. Packaging & Labelling

- Each blind will be individually packed in a polythene bag. A Fitting Instructions leaflet is to be supplied for every order.
- Components must be sealed in a separate section of the polythene bag. A set of programming instruction is to be supplied for every order.

The following additional packaging applies to delivery by external Courier only:

- Packages may contain scrap packaging materials, such as bubble wrap and cardboard that is used to stop movement of Blinds within the package during transport.
- Each cardboard package will be labelled with the Customer's name & the Customer Order Number.