

somfy®	25/05/2018	ALTUS 50 WT TECHNICAL DATA MOTOR	SDEV-CLU-IMPS 61R1 DOC016030 003 ALTUS 50 WT Range 1
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Type of head	Star Head
Nominal voltage	230 V 50 Hz
Power supply tolerances	195,5 - 253 V AC
Thermal time	4 minutes
Number of wires of the cable	4
Wire section	0,75 mm²
Removable cable	Yes
Type of limit switch unit	Electronic
Capacity of the LSU	250 turns
Insulation class	Classe 1
Antenna	Integrated
Repeatability	< ± 4°
System of protection	IP 44
Interface drawings	Screw implantation for LT50 mounting 206810-Wheel interface LT50 206821-Crown interface LT50 206822-Interface drawing star head LT50 and LT50PA/PS 206823
Safety Security	http://www.somfy.com/ce/index.cfm
Electromagnetic compatibility	http://www.somfy.com/ce/index.cfm
Application	
Principle	The principle of Altus 50 WT is to motorize folding arm awning
Basic crown for tube Ø	50 x 1,5 mm
Temperature working range	Normal use: -10°C to +40°C Exceptional use (20% of the life time not simultaneous): -20°C to +70°C
Noise level	According to SOMFY measures (for information only). Worse value: in load up direction during 10 seconds.

	Nm	rpm		mm	mm	mm	mm	W	A	°C		kg	dBA	mm	µF
Designation	Nominal torque	Nominal speed	Reference	L1 max.	L2 (±3 mm)	L3 max.	tube	Rated power	Rated current	Thermal tripping	Brake type	Weight	Noise	Stator	Capacitor
ALTUS 50 WT 6/32	6	32	5104806	655	640	660	590	120	0,5	140	Sliding	1,98	52	40	3,3
ALTUS 50 WT 10/17	10	17	5067843	655	640	663	590	120	0,5	140	sliding	1,985	47	40	3,5
ALTUS 50 WT 15/32	15	32	5104807	675	660	680	610	240	1,1	150	Sliding	2,54	56	100	7
ALTUS 50 WT 25/17	25	17	5104809	655	640	660	590	170	0,8	150	Sliding	2,2	56	80	6
ALTUS 50 WT 30/17	30	17	5068750	675	660	683	610	240	1,1	150	sliding	2,5	55	100	7
ALTUS 50 WT 35/17	35	17	5113720	675	660	683	610	240	1,1	150	sliding	2,5	56	100	7



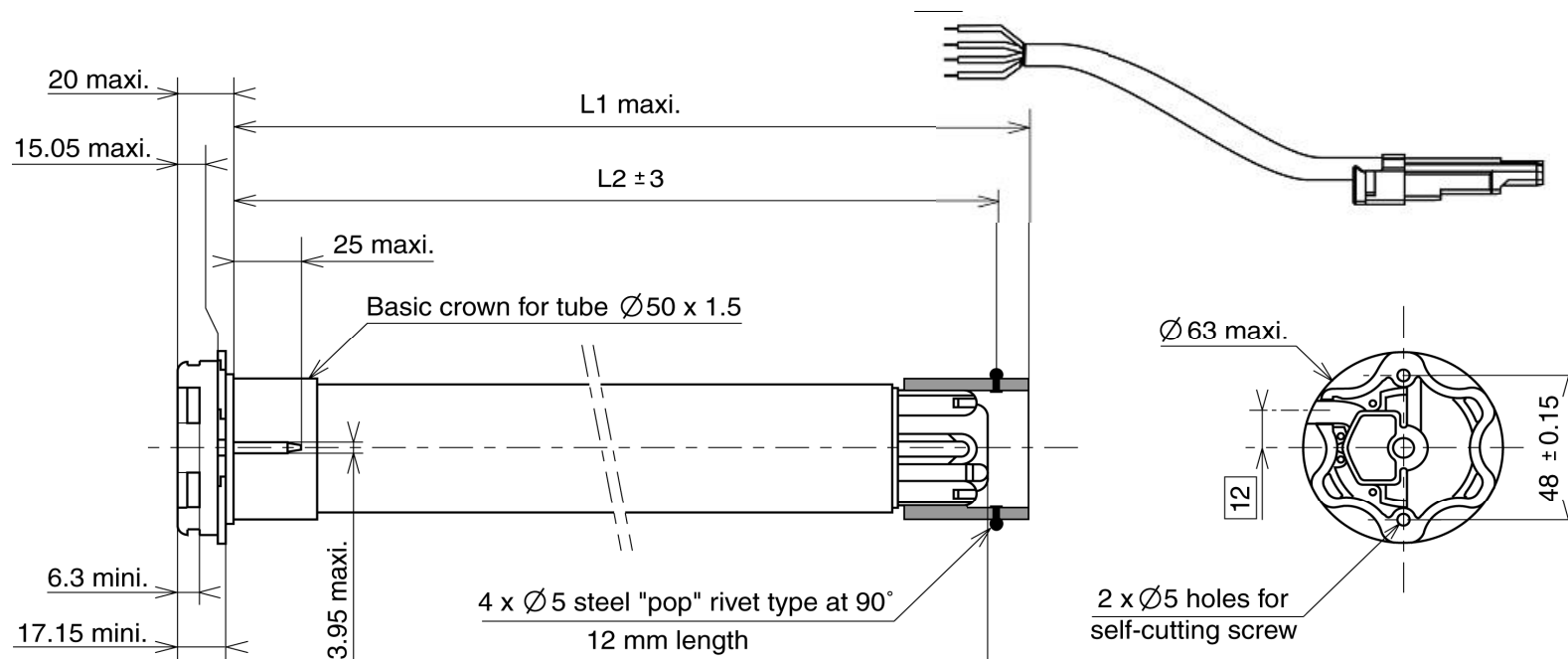
25/05/2018

ALTUS 50 WT TECHNICAL DATA MOTOR

SDEV-CLU-IMPS 61R1

DOC016030 003
ALTUS 50 WT Range 1

WIRING	Neutral	Blue
	Direction 1	Brown
	Direction 2	Black
	Earth	Green / Yellow



Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORIZATION FOR ROLLING SHUTTER	somfy.	S&SO RS100 io
		S&SO RS100 io Hybrid
		OXIMO io / OXIMO S io
		RS100 Solar io
		Slim RS receiver
		IZYMO shutter io
		ILMO 50 V2 io
		SOLUS Plug&Play 50 io
		TWIPSO io
 SWINGING SHUTTER	somfy.	YSLO custom io
		YSLO Flex io
 MOTORIZATION FOR WINDOWS AND SLIDING DOORS	somfy.	Sliding air io
 MOTORIZATION FOR EXTERNAL VENETIAN BLINDS	somfy.	J4S io Protect
		J4 io
		J4 io Protect
		Slim EVB receiver (Hirschmann)
		Slime EVB receiver (Cable)
 MOTORIZATION FOR INDOOR & OUTDOOR SCREENS	somfy.	SUNEA Screen io
		SUNILUS Screen io
		PERGOLA Screen io
 MOTORIZATION FOR INDOOR ROLLER BLIND	somfy.	SONESSE 40 io

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORIZATION FOR GARAGE DOOR*		DEXXO Pro io
		DEXXO Compact io (600, 750, 1000)
		DEXXO SMART io
		ROLLIXO io
 MOTORIZATION FOR GATES*		b-eba io
		ELIXO 500 3S M io
		ELIXO 500 3S io
		ELIXO SMART io
 RECEIVER FOR ACCESS MOTORIZATIONS		CBx 3S io (Axovia, Ixengo, Invisio, Ixengo L)
		b-eba io
 ALARM SYSTEM		Standard Receiver io (not providing real feedback in application)
		HOME ALARM ESSENTIAL HOME ALARM ADVACED SOMFY ONE + SOMFY ONE

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 HEATING MANAGEMENT	somfy.	io heating interface
		io thermostatic valve
		Thermostat wired io
		Thermostat radio io
 LIGHTING MANAGEMENT	somfy.	Outdoor io lighting receiver ON/OFF
		Dimmable io outdoor lighting receiver
		Led outdoor dimmable light receiver White
		Led dimmable light receiver White
		Led Colour dimmable light receiver
		Izmo ON/OFF micro io lighting receiver
		IZYMO dimming io micro receiver
		Tubelite white reciever io
 REMOTE CONTROL SOCKET	somfy.	LED white reciever io
		ON/OFF Plug io
 MOTORIZATION FOR PERGOLA AWNING	somfy.	PERGOLA io
		PERGOLA Screen io
		IO pergola control unit
		IO pergola control unit Louvre
 MOTORIZATION FOR VERTICAL AWNING	somfy.	MAESTRIA+ io
		SUNEA io
		SUNILUS io
		Slim awning receiver
		SUNEA SCR40 IO
 CONSUMPTION MONITORING ELECTRICAL	somfy.	Joule-effect consumption sensor
		PAC consumption sensor

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORIZATION AND RECEIVER FOR ROLLER SHUTTERS	somfy.	OXIMO wirefree RTS
		OXIMO RTS
		ALTUS 50 RTS
		LT 50 RTS
		LT 50 CSI RTS
		RTS window unit retrofit kit
		RTS French window unit retrofit kit
		RTS window retrofit kit
		RTS patio-door retrofit kit
		CENTRALIS Uno RTS
		CENTRALIS INDOOR RTS
		Roller shutter micro receiver
		RTS dry contact receiver
		RTS Platine receiver
 MOTORIZATION FOR SWING SHUTTER	somfy.	YSLO made to measure RTS
		YSLO Flex RTS
		YSLO Easy made to measure RTS
 MOTORIZATION FOR SLIDING SHUTTER	somfy.	Orato RTS Motorised Rail
 MOTORIZATION FOR INDOOR VENETIAN BLIND	somfy.	RTS 25 DC
		CORD LIFT wirefree RTS
		ALTUS 40 RTS
		Récepteur 24V intégré et déporté pour variation
 MOTORIZATION FOR INDOOR ROLLER BLIND	somfy.	ROLL UP wirefree RTS
		SONESSE 30 RTS, SONESSE 40 RTS, SONESSE 50 RTS, SONESSE 30 MODULIS RTS
		ALTEA RTS
		DC RTS receiver
 MOTORIZATION FOR EXTERNAL VENETIAN BLINDS	somfy.	J4 + receiver RTS*
		Centralis Uno VB RTS*
		Receiver variation slim RTS*
 MOTORIZATION FOR CURTAINS	somfy.	Glystro 25 / 50 RTS
		Moveelite RTS
		Curtain kit DIY RTS
		Glydea 35 /60 RTS

* ON/OFF or up/down command only. Not compatible with dimming.

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORIZATION FOR GATES*		Elixo 500 RTS
		Axovia (180B, 220B)
		CBx 3S RTS
		FX 24 et FX 230
		Standard RTS** receiver
 MOTORISATION FOR GARAGE DOOR* MOTOR		DEXXO (PRO, OPTIMO, COMPACT) RTS
		ROLLIXO RTS
 MOTORISATION FOR TERRACE AWNING		OREA RTS
		SUNEA 50 CSI RTS
		LT50 CSI RTS
		ALTUS RTS
		LOGGIA 50 RTS
		RTS universal receiver
		Slim RTS universal receiver
 LIGHTING MANAGEMENT		RTS indoor lighting receiver
		RTS outdoor lighting receiver
		Slim RTS lighting receiver
		1 and 3 metre lighting ramp

* In accordance with the standard, we advise you to install a set of cells.

** Manual control function only.

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORISATION FOR ROLLING SHUTTER		RMS 1000 & RMS 2000
		ROLLERDRIVE
		DIRIGO
		CENTRALIS Uno RTS
		Roller shutter micro receiver
 MOTORISATION FOR SWING SHUTTER		SYNAPSIA RTS / SYNAPSIA 1000 (io)
 MANAGEMENT OF LIGHTING AND ELECTRICAL APPLIANCES		Indoor remote control socket ON /OFF
		ON/OFF garden power strip
		External remote control socket ON/OFF
		Remote control socket ON/OFF
		Indoor lighting receiver
		Outdoor lighting receiver
 MOTORISATION FOR GARAGE DOOR*		Micro receiver lighting
		GDK 3000 (manufactured from November 2008)
		GDK 700
		GDK 4000 (manufactured from November 2008)
		GDK 1100
		LS 5000 (manufactured from November 2008)
		LS 9000 (manufactured from November 2008)
		LS 15
 MOTORISATION FOR SWING GATE* OPERATOR For registration on TAHOMA® switch, a relay remote control is required (ref. 1841194) or the remote control of TAHOMA® Serenity remote control (ref.2410370) for electronics before june 2021.		MGD 5
		SGA (with BUS electronics)
		EVOLVIA 400
		EVOLVIA 450
		PASSEO 800
		SGS 400
		SGS 501 (manufactured from July 2009)
		SGS 601 (manufactured from July 2009)
		LS 360 (manufactured from July 2009)
		EXAVIA 500
		WISPA 800
		GO SC 500
		GO AR 400
		LOCKYVIA

* In accordance with the standard, we advise you to install a set of cells.

** Manual control function only.

Equipment installed by a professional

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORISATION FOR SLIDING GATE* MOTORISATION For registration on TAHOMA® switch, a relay remote control is required (ref. 1841194) or the remote control of TAHOMA® Serenity remote control (ref. 2410370) for electronics before june 2021.		FREEVIA 280
		FREEVIA 290
		FREEVIA 300
		FREEVIA 390
		FREEVIA 400
		FREEVIA 600
		LS 420
		LS 430
		LS 440
		LS 650
		SLIDYMOOVE 300
		SLIDYMOOVE 600
 RECEIVER FOR ACCESS		GO SLG 7
		Gate / garage door receiver

* In accordance with the standard, we advise you to install a set of cells.

** Manual control function only.

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 CONNECTED THERMOSTAT	somfy.	Connected wired thermostat*
		Connected radio thermostat*
		Connected wired thermostat V2*
		Connected radio thermostat V2*
 CONNECTED LOCK	somfy.	Doorlock* / Doorlock PRO*
		Door Keeper*
 SOMFY PROTECT	somfy.	Somfy Indoor Camera
		Somfy Outdoor Camera
		Somfy ONE
		Somfy ONE +
		Somfy Home Alarm
 IO MODULES	somfy.	io smoke detector
		io motion detector
		io opening and shock detector
 TEMPERATURE	somfy.	THERMIS Wirefree IO
 TEMPERATURE and SUN	somfy.	SUNTEIS IO * available from Q1 2025
 SUN SENSOR	somfy.	Sunis Wirefree io
 RAIN SENSOR	somfy.	Ondeis (via Eolis io)
 WINDOW SENSORS	somfy.	IntelliTAG air io

* Only works with the addition of the Internet gateway (2401400).

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ACCESSORIES		RJ45 adapter for internet connection
		USB adapter for EnOcean dongle
 SCENE LAUNCHER		AMY io Scenario launcher
		Scenario launcher (SMOOVE)
		WALL SWITCH io
		Izmo io micro-transmitter
		KEYGO io
		KEYTIS 2 IO
		V500 PRO io
		Premium io keypad
 HEATING MANAGEMENT		Wired programmable thermostat with dry contact*.
		Dry contact radio thermostat + receiver
		Pilot wire radio programmer + receiver*.
		Wireless thermostat + receiver

* Cannot be integrated into TaHoma automation systems (diary function day).

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 SUN PROTECTION (ROLLER SHUTTERS, INDOOR AND AND EXTERNAL BLINDS...)		T3.5 E BHz
		T3.5 E BHz DC DC / AUTOSUN2 BHz
		T5 E BHz
		T5 AUTO BHz
		T5 AUTOSHORT BHz (with remote board)
		T3.5 HZ.02
		T5 Hz.02
		T5 E Hz
		T5 AUTOSHORT Hz
		T6 Hz.02
		T3.5 E HZ.CC / AUTOSUN 1 ET 2
		DMI 5 Hz.01
		DMI 6 Hz.01
		T3.5 ESP Hz CC / SILISHADE
		T3.5 ESP Hz CC
		T5 ESP Hz
		T5 ESP Hz CC
 CONTROL POINT		BHz transmitter LiveIn2 scenario
 SUN SENSOR		Outdoor BHz sun sensor
 REMOTE CONTROL SOCKET		Hz receiver
		Micro-receiver for roller shutter
		Hz ON/OFF socket 3600 W
		Led CC receiver
 MOTORISATION FOR GARAGE DOOR		GM600
		GM800
		GM1000
		SD100 Hz

Compatibility list 2025 v1

APPLICATION	PROTOCOLE	COMPATIBLE RANGES
 MOTORISATION FOR ROLLING SHUTTER	 zigbee 3.0	Shutter zigbee 3.0 : Volet Roulant Profalux, Eveno, Flip Marketed since September 2022
 MOTORISATION FOR EXTERNAL AND INDOOR VENETIAN BLINDS	 zigbee 3.0	Somfy (indoor only) : Tilt & Lift 25 WF Zigbee, Tilt Only 50 WF Zigbee BSO zigbee 3.0 : Brise soleil orientable Profalux, Eveno, Flip Marketed since February 2023
 MOTORISATION FOR INDOOR & OUTDOOR SCREENS	 zigbee 3.0	Somfy : Sonesse 30/40 Zigbee, Sonesse 28/30/40 WF Zigbee, Roll Up 24 WF Zigbee, Tilt Only 50 WF Zigbee Profalux: Blind zigbee 3.0 - Outdoor vertical blind Eveno, Flip Marketed since February 2023
 ZIGBEE MODULES	 zigbee 3.0	Smoke detector : Schneider Electric Wiser Smoke sensor (CCT599001, CCT599002, EKO09761, 550B1027) Motion sensor : Schneider Electric motion sensor (CCT595011_AS) Opening sensor : Schneider Electric Wiser Window/Door sensor (CCT591011_AS)
 TEMPERATURE AND HUMIDITY	 zigbee 3.0	Schneider Electric : temperature and humidity sensor (CCT593011_AS) Danfoss : Ally room sensor
 REMOTE CONTROL SOCKET	 zigbee 3.0	Somfy : Smart plug zigbee (energy consumption measuring) Schneider : Smart plug
 WATER LEAKAGE SENSOR	 zigbee 3.0	Schneider Electric Wiser water leakage (CCT592011_AS)
 LIGHTING MANAGEMENT	 zigbee 3.0	Legrand : Connected switch Zigbee 3.0
	 zigbee 3.0	Schneider Electric : Connected switch Zigbee 3.0
	 zigbee 3.0	Ledvance: Bulbs and strips Zigbee 3.0

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MOTORISATION FOR ROLLER SHUTTER (ROOF WINDOW)	VELUX	SSL-SML io
 MOTORISATION FOR ROOF WINDOW	VELUX	GGL/GGU Solar
		GGL/GGU Integra io
		CVP
		GGL SCOX5
 MOTORISATION FOR INDOOR & OUTDOOR SCREENS	VELUX	MML
 MOTORISATION FOR PLEATED BLINDS	VELUX	FMG
 MOTORISATION FOR SCREEN	VELUX	GGL/GGU Solar
		GGL/GGU Integra io
		CVP
		GGL SCOX5
 MOTORISATION FOR VENETIAN BLINDS	VELUX	PML
 LIGHTING MANAGEMENT	VELUX	Halogen spotlight io KRA 100 (Velux)
 REMOTE CONTROL SOCKET	VELUX	Plug ON/OFF

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 PHILIPS HUE LIGHTNING	PHILIPS	Philips Hue range (with V2 bridge)
 PHILIPS HUE BRIDGE	PHILIPS	V1 bridge (round shape) V2 bridge (square shape)

* In accordance with the standard, we advise you to install a set of cells.
 ** Manual control function only.

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ATLANTIC* RADIATORS Comfort/eco settings are made from the configuration page	atlantic	529807 CALISSIA CO H 750W BLC
		529810 CALISSIA CO H 1000W BLC
		529812 CALISSIA CO H 1250W BLC
		529815 CALISSIA CO H 1500W BLC
		529820 CALISSIA CO H 2000W BLC
		529910 CALISSIA CO V 1000W BLC
		529915 CALISSIA CO V 1500W BLC
		529920 CALISSIA CO V 2000W BLC
		500907 MARADJA DIG CONNECTE BAS 0750W
		500910 MARADJA DIG CONNECTE BAS 1000W
		500915 MARADJA DIG CONNECTE BAS 1500W
		507607 MARADJA PI CONNECTE H 0750W
		507610 MARADJA PI CONNECTE H 1000W
		507612 MARADJA PI CONNECTE H 1250W
		507615 MARADJA PI CONNECTE H 1500W
		507620 MARADJA PI CONNECTE H 2000W
		507710 MARADJA PI CONNECTE V 1000W
		507715 MARADJA PI CONNECTE V 1500W
		507720 MARADJA PI CONNECTE V 2000W
		604110 IRISIUM MOZAIC H 1000W BLC
		604111 IRISIUM ORIGAMY H 1000W BLC
		604114 IRISIUM ORIGAMY V 1500W BLC
		604115 IRISIUM MOZAIC H 1500W BLC
		604210 IRISIUM MOZAIC V 1000W BLC
		604215 IRISIUM MOZAIC V 1500W BLC
		500607 GALAPAGOS H 750W BLC BRILL
		500610 GALAPAGOS H 1000W BLC BRILL
		500612 GALAPAGOS H 1250W BLC BRILL
		500615 GALAPAGOS H 1500W BLC BRILL
		500620 GALAPAGOS H 2000W BLC BRILL
		501310 GALAPAGOS V 1000W BLC BRILL
		501315 GALAPAGOS V 1500W BLC BRILL
		501320 GALAPAGOS V 1800W BLC BRILL
		502907 GALAPAGOS B 0700W BLC BRILL
		502910 GALAPAGOS B 1000W BLC BRILL
		502915 GALAPAGOS B 1400W BLC BRILL

* Ne peuvent être intégrés dans les automatisations TaHoma (Scénario, Smart, Agenda)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ATLANTIC* RADIATORS Comfort/eco settings are made from the configuration page	atlantic	503907 ONIRIS H 750W BLC
		503910 ONIRIS H 1000W BLC
		503912 ONIRIS H 1250W BLC
		503915 ONIRIS H 1500W BLC
		503920 ONIRIS H 2000W BLC
		506244 GALAPAGOS H 1000W GRIS
		507608 DIVALI H 0750W BLC CARAT
		507609 DIVALI H 1000W BLC CARAT
		507611 DIVALI H 1250W BLC CARAT
		507613 DIVALI H 1500W BLC CARAT
		507614 DIVALI H 2000W BLC CARAT
		507616 DIVALI V 1000W BLC CARAT
		507617 DIVALI V 1500W BLC CARAT
		507618 DIVALI V 2000W BLC CARAT
		507619 DIVALI PL 0750W BLC CARAT
		507621 DIVALI PL 1000W BLC CARAT
		507622 DIVALI PL 1500W BLC CARAT
		507623 DIVALI H 0750W GRIS ÉTOILÉ
		507624 DIVALI H 1000W GRIS ÉTOILÉ
		507625 DIVALI H 1250W GRIS ÉTOILÉ
		507626 DIVALI H 1500W GRIS ÉTOILÉ
		507627 DIVALI H 2000W GRIS ÉTOILÉ
		507628 DIVALI V 1000W GRIS ÉTOILÉ
		507629 DIVALI V 1500W GRIS ÉTOILÉ
		507630 DIVALI V 2000W GRIS ÉTOILÉ
		507631 DIVALI PL 0750W GRIS ÉTOILÉ
		507632 DIVALI PL 1000W GRIS ÉTOILÉ
		507633 DIVALI PL 1500W GRIS ÉTOILÉ
		518810 ONIRIS V 1000W BLC
		518815 ONIRIS V 1500W BLC
		518820 ONIRIS V 2000W BLC
		602107 ONIRIS PLI 750W BLC
		602110 ONIRIS PLI 1000W BLC
		602115 ONIRIS PLI 1500W BLC
		603110 IRISIUM H 1000W BLC
		603115 IRISIUM H 1500W BLC

* Cannot be integrated into TaHoma automation systems (Scenario, Smart, Agenda)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ATLANTIC* RADIATORS Comfort/eco settings are made from the configuration page	atlantic	603210 IRISIUM V 1000W BLC
		603215 IRISIUM V 1500W BLC
		604211 IRISIUM SERENITY H 1000W BLC
		604212 IRISIUM SERENITY H 1500W BLC
		604213 IRISIUM SERENITY V 1000W BLC
		604214 IRISIUM SERENITY V 1500W BLC
		503105 AGILIA H 500W BLC
		503107 AGILIA H 750W BLC
		503110 AGILIA H 1000W BLC
		503112 AGILIA H 1250W BLC
		503115 AGILIA H 1500W BLC
		503120 AGILIA H 2000W BLC
		518215 AGILIA V 1500W BLC
		518220 AGILIA V 2000W BLC
		518415 AGILIA V 1500W BLC
		501845 GALAPAGOS H 0750W GRIS
		501846 GALAPAGOS H 1000W GRIS
		501847 GALAPAGOS H 1250W GRIS
		501848 GALAPAGOS H 1500W GRIS
		501849 GALAPAGOS H 2000W GRIS
		501850 GALAPAGOS V 1000W GRIS
		501851 GALAPAGOS V 1500W GRIS
		501852 GALAPAGOS V 1800W GRIS
		501853 GALAPAGOS B 0700W GRIS
		501854 GALAPAGOS B 1000W GRIS
		501855 GALAPAGOS B 1400W GRIS
		503908 ONIRIS H 0750W GRIS
		503909 ONIRIS H 1000W GRIS
		503911 ONIRIS H 1250W GRIS
		503913 ONIRIS H 1500W GRIS
		503914 ONIRIS H 2000W GRIS
		503916 ONIRIS V 1000W GRIS
		503917 ONIRIS V 1500W GRIS
		503918 ONIRIS V 2000W GRIS
		503919 ONIRIS PLI 0750W GRIS
		503921 ONIRIS PLI 1000W GRIS

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Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ATLANTIC RADIATORS* Comfort/eco settings are made from the configuration page	atlantic	503922 ONIRIS PLI 1500W GRIS
		507637 VERALI H 1500W BLC BR
		507638 VERALI H 1900W BLC BR
		507639 VERALI V 1000W BLC BR
		507640 VERALI V 1500W BLC BR
		507641 VERALI V 2000W BLC BR
		507643 VERALI PL 1500W BLC BR
		507645 VERALI H 1000W NOIR
		507646 VERALI H 1500W NOIR
		507648 VERALI V 1000W NOIR
		507649 VERALI V 1500W NOIR
		507650 VERALI V 2000W NOIR
		507652 VERALI PL 1500W NOIR
		507647 VERALI H 1900W NOIR
		566205 TATOU H 500W BLC
		666416 TATOU H 0300W BLC
		666417 TATOU H 0500W BLC
		666418 TATOU H 0750W BLC
		666419 TATOU H 1000W BLC
		666421 TATOU H 1250W BLC
		666422 TATOU H 1500W BLC
		666423 TATOU H 2000W BLC
		666424 TATOU V 1000W BLC
		666425 TATOU V 1500W BLC
		666426 TATOU V 2000W BLC
		507636 VERALI H 1000W BLC
		529914 NIRVANA NEO H 750W BLC
		529916 NIRVANA NEO H 1000W BLC
		529917 NIRVANA NEO H 1250W BLC
		529918 NIRVANA NEO H 1500W BLC
		529919 NIRVANA NEO H 2000W BLC
		529921 NIRVANA NEO PLI 750W BLC
		529922 NIRVANA NEO PLI 1000W BLC
		529923 NIRVANA NEO PLI 1500W BLC
		529911 NIRVANA NEO V 1000W BLC
		529912 NIRVANA NEO V 1500W BLC

* Cannot be integrated into TaHoma automation systems (Scenario, Smart, Agenda)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 ATLANTIC RADIATORS* Comfort/eco settings are made from the configuration page	atlantic	529913 NIRVANA NEO V 2000W BLC
		507654 VERALI H 1500W BLC BR
		507655 VERALI H 1900W BLC BR
		507656 VERALI V 1500W BLC BR
		507657 VERALI V 2000W BLC BR
		507658 VERALI PL 1500W BLC BR
		507659 VERALI H 1000W NOIR
		507660 VERALI H 1500W NOIR
		507662 VERALI V 1500W NOIR
		507663 VERALI V 2000W NOIR
		507664 VERALI PL 1500W NOIR
		507661 VERALI H 1900W NOIR
 HEATING MANAGEMENT	atlantic	Pilot wire interface

* Cannot be integrated into TaHoma automation systems (Scenario, Smart, Agenda)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 PAC Navilink A59 required	atlantic	Alfea Extensa AI
		Alfea Extensa Duo AI
		Alfea Excellia AI
		Alfea Excellia Duo AI
 BOILER Navipass io & Navilink A59 required	atlantic	Naia 12
		Naia Micro
		Naia Duo
		Naema
CONSUMPTION SENSORS	atlantic	Joule effect consumption sensor
		PAC consumption sensor
GAINNABLE	atlantic	875194 SHOGUN 1.1 200 S3
		875184 SHOGUN 1.1 200 S4
		875185 SHOGUN 1.1 200 S5
		875195 SHOGUN 1.1 200 S6L
		875196 SHOGUN 1.1 200 S3 RT
		875190 SHOGUN 1.1 200 S4 RT
		875191 SHOGUN 1.1 200 S5 RT
		875197 SHOGUN 1.1 200 S6L RT
		875198 SHOGUN 1.1 COMPACT 160 S2
		875199 SHOGUN 1.1 COMPACT 160 S3
		875211 SHOGUN 1.1 COMPACT 160 S4
		875212 SHOGUN 1.1 COMPACT 160 S5L
		875213 SHOGUN 1.1 COMPACT 160 S2 RT
		875214 SHOGUN 1.1 COMPACT 160 S3 RT
		875215 SHOGUN 1.1 COMPACT 160 S4 RT
		875216 SHOGUN 1.1 COMPACT 160 S5L RT

* Cannot be integrated into TaHoma automation systems (Scenario, Smart, Agenda)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 THERMOR RADIATORS		482221 EQUATEUR 3 H 0750W
		482231 EQUATEUR 3 H 1000W
		482241 EQUATEUR 3 H 1250W
		482251 EQUATEUR 3 H 1500W
		482271 EQUATEUR 3 H 2000W
		427231 EQUATEUR 3 V 1000W
		427251 EQUATEUR 3 V 1500W
		427271 EQUATEUR 3 V 2000W
		452121 EQUATEUR 3 BAS 0750W
		452131 EQUATEUR 3 BAS 1000W
		452151 EQUATEUR 3 BAS 1500W
		414521 KENYA 3 H 0750W
		414531 KENYA 3 H 1000W
		414541 KENYA 3 H 1250W
		414551 KENYA 3 H 1500W
		414571 KENYA 3 H 2000W
		414631 KENYA 3 V 1000W
		414651 KENYA 3 V 1500W
		414671 KENYA 3 V 2000W
		445211 EMOTION 3 H 0500W
		445221 EMOTION 3 H 0750W
		445231 EMOTION 3 H 1000W
		445241 EMOTION 3 H 1250W
		445251 EMOTION 3 H 1500W
		445271 EMOTION 3 H 2000W
		423631 EMOTION 3 V 1000W
		423651 EMOTION 3 V 1500W
		423671 EMOTION 3 V 2000W

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 THERMOR RADIATORS		493821 BILBAO 3 H 0750W
		493831 BILBAO 3 H 1000W
		493841 BILBAO 3 H 1250W
		493851 BILBAO 3 H 1500W
		493871 BILBAO 3 H 2000W
		494831 BILBAO 3 V 1000W
		494851 BILBAO 3 V 1500W
		494871 BILBAO 3 V 1800W
		494821 BILBAO 3 B 0700W
		494831 BILBAO 3 B 1000W
		494851 BILBAO 3 B 1400W
		480221 OVATION 3 H 0750W
		480231 OVATION 3 H 1000W
		480241 OVATION 3 H 1250W
		480251 OVATION 3 H 1500W
		480271 OVATION 3 H 2000W
		430231 OVATION 3 V 1000W
		430251 OVATION 3 V 1500W
		430271 OVATION 3 V 2000W
		450321 OVATION 3 P 0750W
		450331 OVATION 3 P 1000W
		450351 OVATION 3 P 1500W

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 SAUTER RADIATORS		526310 MALAO HZ 1000W
		526315 SAUTER MALAO HZ 1500W
		MALAO 2000W
		500110 BOLERO AUTO H 1000W
		500110 BOLERO AUTO H 1500W
		500110 BOLERO AUTO H 2000W
		500710 GYALI H 1000W
		500710 GYALI H 1500W
		500710 GYALI H 2000W

Compatibility list: with update 1.21dated NOVEMBER 28, 2023

APPLICATION	BRAND	COMPATIBLE RANGES
POMPE À CHALEUR AIR/AIR*		
WALL	HITACHI	SHIROKUMA S
		SHIROKUMA
		PERFORMANCE
		SUMMIT
CONSOLE	HITACHI	SHIROKUMA
		PERFORMANCE
GAINABLES	HITACHI	MONOZONE (infrared)
		MONOZONE (wired)
		MONOZONE BASSE PRESSION (infrared)
		MONOZONE BASSE PRESSION (wired)
CASSETTES	HITACHI	MONOZONE
MULTI	HITACHI	GROUPES EXTERIEURS
		UNITES INTERIEURES

* Cannot be integrated into TaHoma automation systems (Scenario, Smart, Agenda)

All indoor units since 2013 (A series: RPA, PPA, QXA, PXA, FPA, QPA and subsequent B, C, D, E and F series)
up to airHome units launched in 2022 (PHAE series)

Indoor units before 2013: NH5A, NH6A, NH7A, DH7A and QH8 series are also compatible.

Examples of indoor unit references: RAK-25NH6A, RAD-50PPA, RAK-35REF, RAK-DJ50PHAE...

For all these units, accessory required: SPX-TAG01 gateway sold by HITACHI.

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
AIR/WATER HEAT PUMPS ⁽¹⁾		
AIR-TO-WATER HEAT PUMPS		DAIKIN ALTHERMA 3 H HT
		DAIKIN ALTHERMA 3 H MT
		DAIKIN ALTHERMA 3 R
		DAIKIN ALTHERMA 3 H
		DAIKIN ALTHERMA R
MONOBLOC HEAT PUMPS		DAIKIN ALTHERMA 3 M
		DAIKIN ALTHERMA M
HYBRID HEAT PUMPS		DAIKIN ALTHERMA R HYBRID
		DAIKIN ALTHERMA H HYBRID
WATER/WATER HEAT PUMPS		DAIKIN ALTHERMA 3 WS
		DAIKIN ALTHERMA 3 GEO
		DAIKIN ALTHERMA GEO
BOILERS		DAIKIN ALTHERMA 3 C GAS W

(1) The Daikin LAN accessory (BRP069A61/A62) or the WLAN adapter (BRP069A71 / BRP069A78) and the DRGATEWAYAA card are required

AIR/AIR HEAT PUMPS ⁽²⁾		
AIR/AIR HEAT PUMPS (REVERSIBLE AIR CONDITIONING)		WALL URURU SARARA FTXZ-N
		WALL DAIKIN EMURA 3 FTXJ-A
		WALL STYLISH CTXA-A/B ET FTXA-A/B
		WALL STYLISH OPTIMISED HEATING FTXTA-B
		WALL PERFERA CTXM-R ET FTXM-R
		WALL PERFERA OPTIMISED HEATING FTXTM-R
		WALL COMFORA FTXP-M(9) ET FTXP-N
		WALL SENSIRA FTXF-D
		CONSOLE PERFERA CVXM-A ET FVXM-A
		CONSOLE PERFERA OPTIMISED HEATING FVXM-A
		CONSOLE DOUBLE FLUX FVXM-F
		CONSOLE NON CARROSSÉE FNA-A(9)
		CONSOLE CARROSSÉE VERTICALE FVA-A
		GAINABLE EXTRA PLAT FDXM-F(9)
		GAINABLE STANDARD FBA-A(9)
		CASSETTE 600X600 FFA-A(9)
		CASSETTE 900X900 FCAG-B
		CASSETTE 900X900 À HAUT RENDEMENT FCA-HG-H
		CASSETTE APPARENTE FUA-A
		PLAFONNIER APPARENT FHA-A(9)

(2) The Daikin WLAN accessory or adapter is required for compatibility with TaHoma.

NB: This list is not complete.

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 MUSIC / HOME CINEMA		Symfonisk range (via SONOS app)
		PLAY:1
		ONE
		BEAM
		PLAY:3
		PLAY:5
		PLAYBAR
		PLAYBASE
		SUB
		CONNECT
		CONNECT:AMP

Compatibility list 2025 v1

APPLICATION	APP	COMPATIBLE RANGES
	 SmartThings Samsung SmartThings*	Compatible with Samsung SmartThings. Please download the SmartThings app to establish the link between SmartThings and TaHoma. More information on the TaHoma app in the «Partners» tab*
APPLICATION	APP	COMPATIBLE RANGES
 MOTORISATION FOR ROLLING SHUTTER	 HOME**	S&SO RS100 io S&SO RS100 io Hybrid OXIMO io ILMO S io
 MOTORISATION FOR SCREEN	 HOME**	MAESTRIA io SUNILUS screen io SUNEА screen io
 MOTORISATION FOR EXTERNAL VENETIAN BLINDS	 HOME**	J4 io EVB Slim receiver
 MOTORISATION FOR TERRACE AWNING	 HOME**	SUNILUS io SUNEА io
 MOTORISATION FOR PERGOLA	 HOME**	PERGOLA io PERGOLA Screen io
 Interior shading	 HOME**	Sonesse 30/40 Zigbee, Sonesse 28/30/40 WF Zigbee, Roll Up 24 WF Zigbee,
 Remote control plug	 HOME**	Smart plug Zigbee
APPLICATION	APP	COMPATIBLE RANGES
	 ASSISTANT GOOGLE	Compatible with Google Assistant. Please download the Google Home app to establish the link between Google Assistant and TaHoma. More information on the TaHoma app in the «Configuration» tab
APPLICATION	APP	COMPATIBLE RANGES
	 AMAZON ALEXA	Compatible with Amazon Alexa. Please download the Amazon Alexa app to activate the TaHoma «skills». More information about the TaHoma app in the «Configuration» tab.

* Zigbee, io and RTS devices (Roller Shutters, Interior blind & venetian blinds, External Venetian blinds, Screens, Awnings, Pergolas, Roller blinds, Gates, Garage doors, Lights, Plugs). Gates and Garage doors from end of January 2025. Heating solutions are not supported.

**Compatible TaHoma® Rail-DIN V2 and TaHoma switch

Compatibility list 2025 v1

APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 Lighting / Plug	 CÉLIANE WITH NETATMO	Control socket
		The connected socket
		Lighting micromodule
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 HEATING	 HEATING DANFOSS	ICON 2 (floor heating Zigbee 3.0)
		ICON (floor heating Zigbee 3.0)
		Thermostatic valve ALLY (Zigbee 3.0)
		Smart thermostat
		Smart modulating thermostat Thermostatic valve
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW / FRENCH WINDOW	 WINDOW AND PATIO-DOOR SENSORS	Motorised window
		Connected window (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module for TaHoma® Rail-DIN S)
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW	 DÉTECTEUR DE FENÊTRE	Slim Opening io detector
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW	 MOTORISED WINDOW	Motorised sliding and tilt&turn windows: MHS400 Smart, MSA400 Smart, Drive Axxent smart
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW	 WINDOW SENSOR	mTronic window opening sensor (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module for TaHoma® Rail-DIN S)
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW	 WINDOW HANDLE	Signal Security (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module for TaHoma® Rail-DIN S)
APPLICATION	BRAND / OFFRE	COMPATIBLE RANGES
 WINDOW	 WINDOW HANDLE	eSarena (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module) pour TaHoma® Rail-DIN S)
		D-sign (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module) pour TaHoma® Rail-DIN S)

Compatibility list 2025 v1

APPLICATION	BRAND	COMPATIBLE RANGES
 WINDOW SENSORS		Slim opening io detector
		Mtronic window sensor (requires USB adapter and EnOcean key for TaHoma® switch, requires EnOcean Rail-DIN module for TaHoma® Rail-DIN S)
APPLICATIF	BRAND	COMPATIBLE RANGES
 AIR QUALITY SENSORS		Open'R sensor by Netsecur
		Intelligent Weather Station
APPLICATIF	BRAND	COMPATIBLE RANGES
 LOCK SYSTEMS	 Ein Unternehmen der SEGEMBA GRUPPE	KFV io lock interface
	 GU UNTERSCHLÜSSEL	GU io lock interface
		Connected lock
APPLICATIF	BRAND	COMPATIBLE RANGES
Air conditioning	 BY HMS NETWORKS	Universal IR Air Conditioner to AC Cloud Control (Wi-Fi) (INWMPUNI001I000)
		Daikin AC Domestic units to AC Cloud Control (Wi-Fi) Interface - 1 unit (INWFIDAI001I100)
		Fujitsu RAC and VRF systems to AC Cloud Control (Wi-Fi) Interface (to CN connector) - 1 unit (INW- FIFGL001I100)
		LG VRF systems to AC Cloud Control (Wi-Fi) Interface - 1 unit (INWFI001R100)
		Toshiba VRF and Digital systems to AC Cloud Control (Wi-Fi) Interface - 1 unit (INWFI001R100)
		Universal IR Air Conditioner to AC Cloud Control (Wi-Fi) Interface - 1 unit (INWFIUNI001I000)

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A BRAND OF **SOMFY** GROUP

somfy®

ALTUS 50 RTS

MAIN CHARACTERISTICS & FEATURES



Radio Technology Somfy

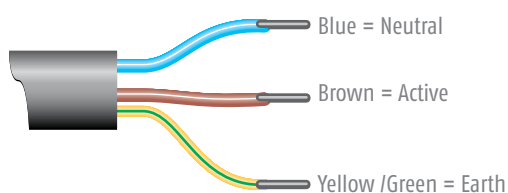
230V / 50Hz TUBULAR MOTOR.

The Altus 50 RTS is suitable for a wide range of roller blind application types. Available in torques from 6Nm & 15Nm, coupled with its flexible 48mm design, it is adapted for Ø50mm tubes and above. Available in the traditional star head style to allow for extra fabric drifting, a built-in radio receiver with Somfy's rolling code and the installation flexibility of remote control make the Altus 50 RTS a suitable all round performer.

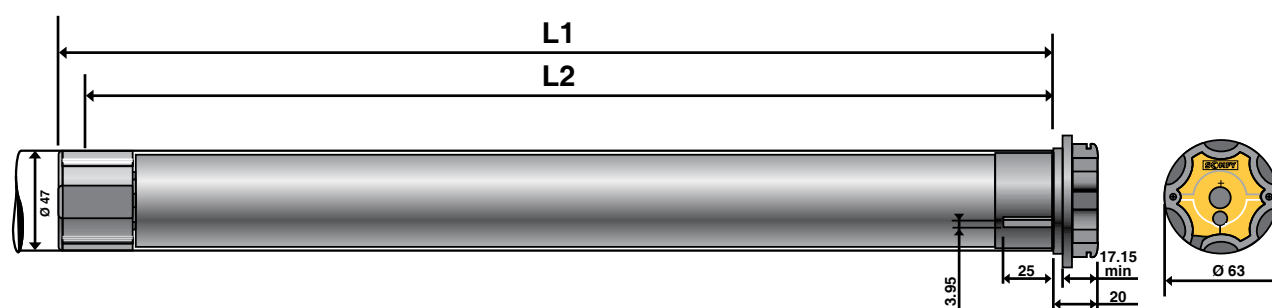
- Remote set limits.
- Turning capacity limited only by thermal time.
- Suitable for tubes: Ø50 to Ø70.
- Memory Capacity: 12 transmitters, plus 3 sensors.
- Programmable "my" position.
- Requires the use of a crown and wheel for tube adaptation.
- Horizontal mount only.
- Intermittent Usage.

50mm

ALTUS RTS 10/32	Torque (Nm)	10	Speed (RPM)	32	Ref.	1037553
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General overall size



Technical characteristics

	ALTUS RTS 10/32
L1 (mm)*	655
L2 riveting distance (mm)*	640
Torque (Nm)	10
Speed (rpm)	32
Rated Voltage (V)	230
Rated Power consumption (W)	160
Rated Current (A)	0.75
Running time before thermal cut off (min)	4
Thermal cut off temp (°C)	150
Average running noise (dbA)	54
Minimum tube diameter	50 X 1.5
Motor weight (kg)	2.21
Cable length (M)	3
Number of cores in cable	3
Cross section of cable (mm²)	0.75
Index Protection	IP44

NOTE

Normal functioning temperature: -10° C to +40° C

*For wheels on tubes ø50 x 1.5 add 8mm to L1 (mm) and L2.

Information about the noise is according to Somfy measures and is for information only. Taken as the worst value in load, for the up direction during the first 10 seconds of travel.