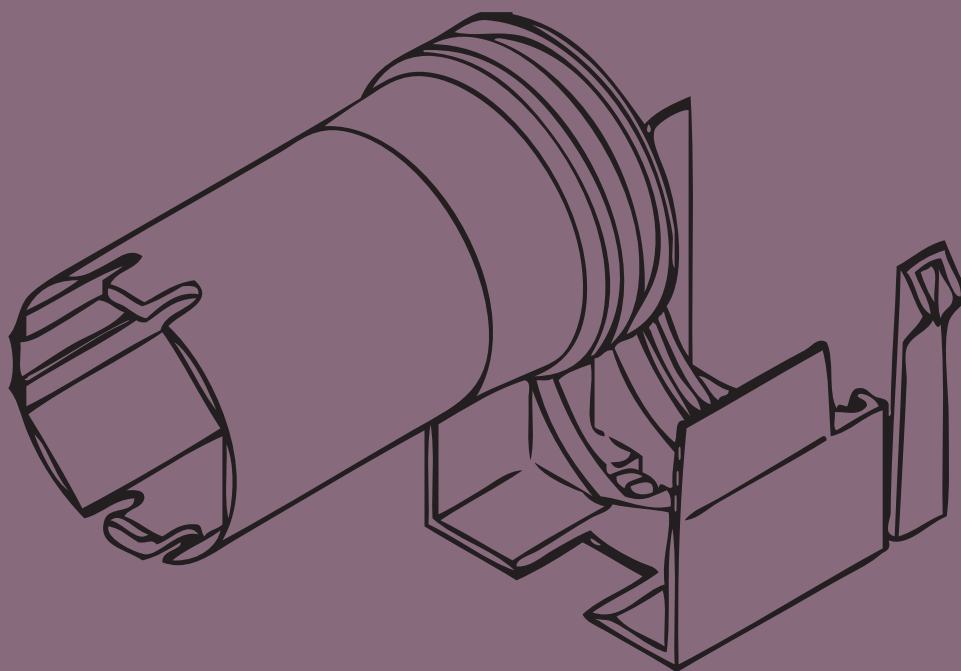


CTS 40 guide

- CTS 40 product data
- CTS 40 components list
- CTS 40 installation advice

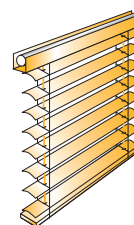


CTS 40 PRODUCT DATA

CTS 40

- Universal cord lift and tilt system for interior blinds.
- Fits perfectly with wooden Venetian blinds.
- Driven by octagonal tube.
- Specifically designed for octagonal tubes 40 x 0.6 mm.
- Even cord winding on cone.
- Composition:
 - 1 cone
 - 1 bearing

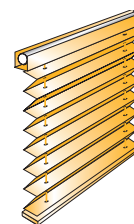
APPLICATIONS



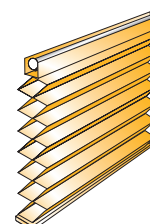
VENETIAN BLINDS



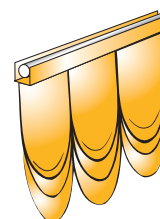
ROMAN BLINDS



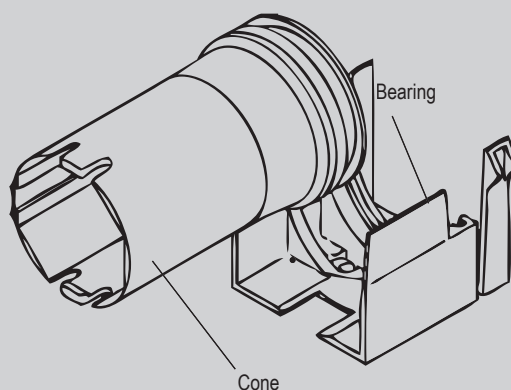
PLEATED BLINDS



CELLULAR BLINDS



BALLOON BLINDS



ASSEMBLING

Adaptation to headrail

Adaptable to headrails of at least 51 x 57 mm.

Adaptation to tube

Cones specifically designed to fit the octagonal tube 40 x 0.6 mm.

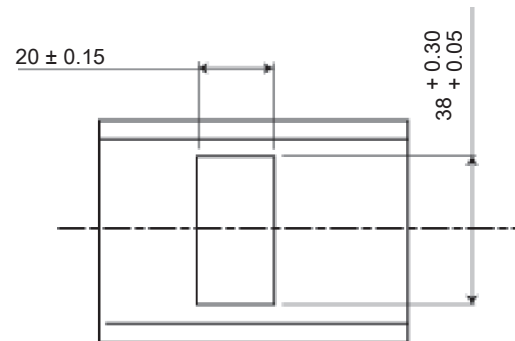
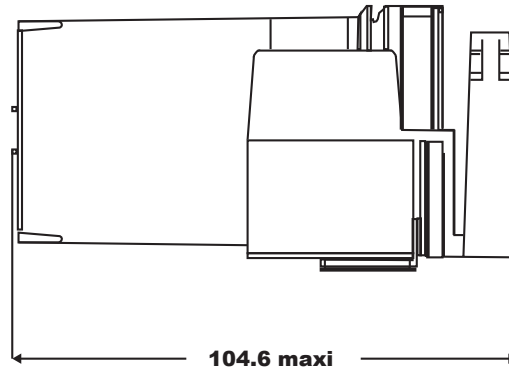
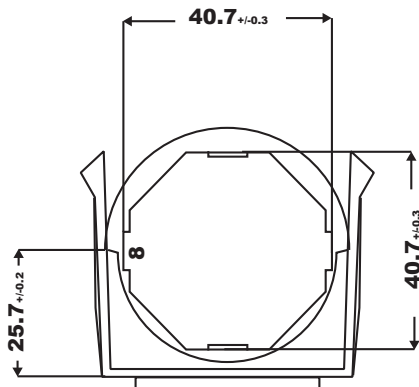
USING

- Motorized operations with:
 - Sonesse® 40
 - LS 40
 - Altus 40
 - Sonesse® 30

- This product is for interior use only.
- The CTS 40 cannot be used inside sealed double-glazing.
- The CTS 40 system fits only with tubes and headrails compatible with accessories mentioned p. 4.
- The selection of the correct cord, ladder braid and other accessories is the responsibility of the blind manufacturer / assembler.
- The complete blind system must be tested thoroughly by the blind manufacturer.
- No tear or burr around the cord or ladder braid way.
- Carry the blind closed and locked in its upper end limit.
- CTS 40 is a Somfy patented system.



CTS 40 PRODUCT DATA



All values are in mm

TECHNICAL SPECIFICATIONS:

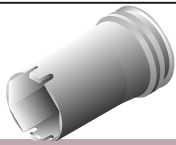
	CTS 40
Maximum load per cord	4 kg
Maximum length of cord which can be rolled	5,5 m
Maximum revolutions	35
Working temperature (°C / °F)	-10 to +60°C (50° - 140°F)
Number of cycles	5,000
Number of tilting	10,000
Cord data	Cord round braided, 100% polyester yarns, cord braiding: 16 ends Ø 1.4 mm +/- 0.1 mm with a core inside. Cord treatment stabilized.
Patent pending	EP 0 554 212 US 5,328,113 JP 05-13756 KR 10-0255434
Ladder data	100% polyester

* Check component list for specificities

CTS 40 COMPONENTS LIST

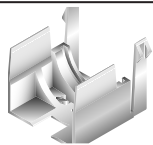
Choose the components on the components list hereunder according to your application**.

CTS components



- Cone CTS 40
- MOQ*: 1 pc
- Unit weight: 23 g
- Interface drawing 5055609A

Ref.: 9162144



- Bearing CTS 40 for 51x57mm
- MOQ*: 1 pc
- Unit weight: 23 g
- Interface drawing 5055609A

Ref.: 9162145

Headrail accessories



- CTS 40 bracket for 51 x 57 headrail
- MOQ*: 1 pc
- Unit weight: 19 g
- Interface drawing 9500736A

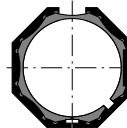
Ref.: 9500736



- CTS 40 bracket for NANIK headrail
- MOQ*: 1 pc
- Unit weight: 19 g
- Interface drawing 9500644A

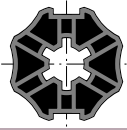
Ref.: 9500644

Tube adapters



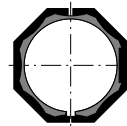
- Crown
- For octagonal tube 40 x 0.6 mm DEPRAT
- MOQ*: 10 pcs
- Interface drawing 9132145A

Ref.: 9132145



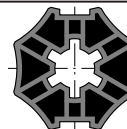
- Wheel
- For octagonal tube 40 x 0.6 mm DEPRAT
- MOQ*: 10 pcs
- Interface drawing 9500344A

Ref.: 9500344



- Crown
- For octagonal tube 40 x 0.6 mm IMBAC
- MOQ*: 10 pcs
- Interface drawing 9147327A

Ref.: 9147327



- Wheel
- For octagonal tube 40 x 0.6 mm IMBAC
- MOQ*: 10 pcs
- Interface drawing 9147545A

Ref.: 9147545



- Plug-end for octagonal tube 40 x 0,6 mm
- MOQ*: 1 pc
- Unit weight: 35 g
- Interface drawing 9137018A

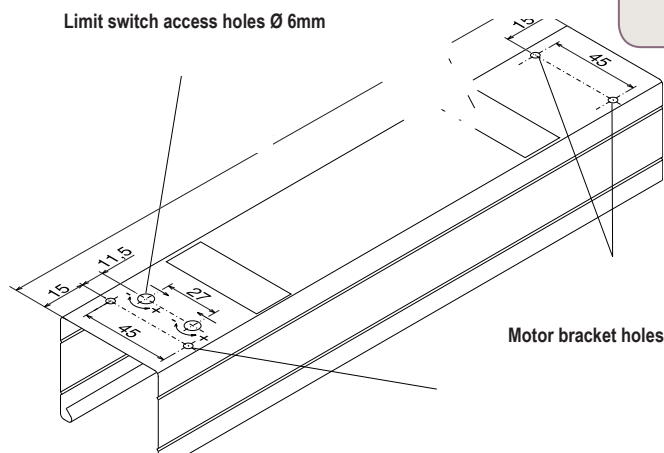
Ref.: 9137018

*MOQ: Minimum order quantity
**Non exhaustive list

CTS 40 INSTALLATION ADVICE

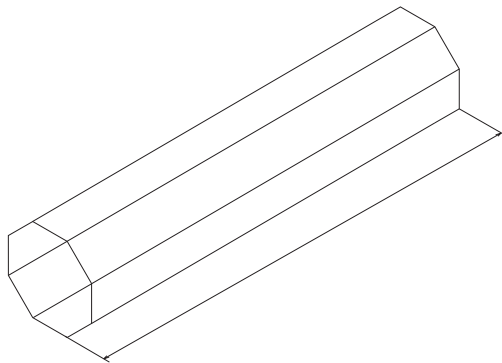
This part describes instructions related to authorised applications, compatible associated products and installation of the CTS 40 into the blind system. All instructions must be strictly followed whatever the specification of the system or processes. Otherwise, Somfy's responsibility and guarantee are excluded.

A DRILL THE HOLES NECESSARY FOR THE MOTOR SWITCH SCREWS AND PLUG END BEARINGS



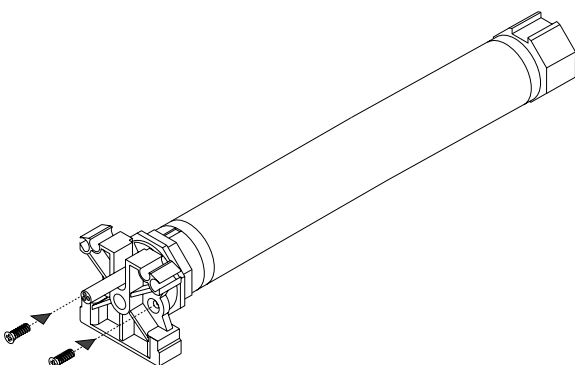
When motorising the blind with a Somfy diameter 40 motor progressive adjustment, drill holes to have access to the limit switch screws.

B CUT THE 40 MM OCTOGONAL TUBE TO SIZE AND DEBURR LIGHTLY ITS EXTREMITIES



Tube length is equal to the length of headrail minus 64 mm. (Note: tube and end cap thickness are included)

C PUT THE ADAPTATOR, CROWN AND WHEEL ONTO THE MOTOR

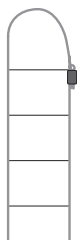


Screw the motor bearing onto the motor.
Put the motor in down limit by supplying the motor and driving manually the crown adapter in the down direction.

Setting buttons facing the bottom.

CTS 40 INSTALLATION ADVICE

D PREPARE THE LIFTING CORD AND THE LADDER BRAID



Lifting cord

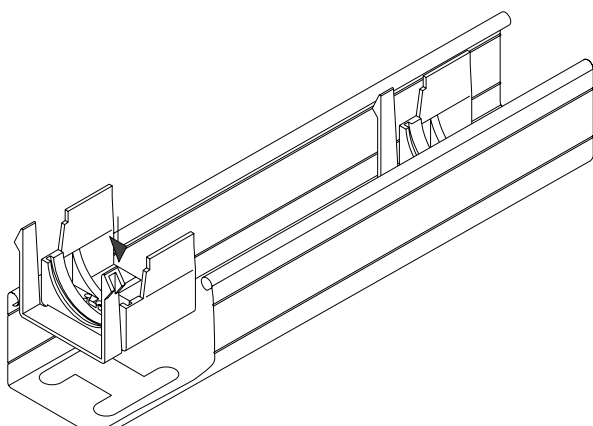
Cut the cord at the blind height + 160 mm.
Tie a knot at the cord end.

Ladder braid

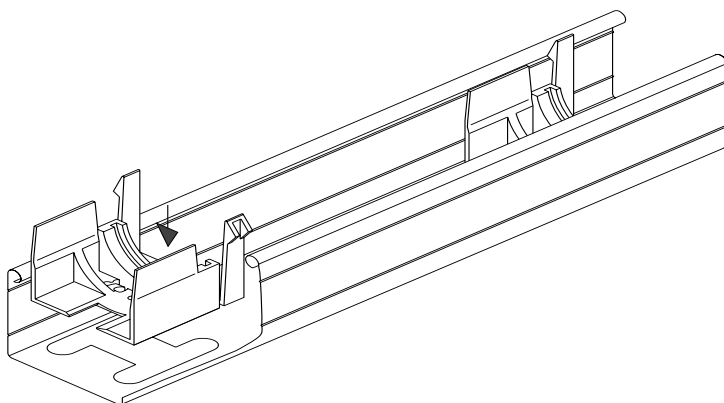
Make a loop according to the slat width with the following recommendation:

- During the rotation, the upper slat should never touch the headrail.
- When the blind is completely retracted, the ladder loop has to be short enough not to escape the groove.

E PUT IN PLACE THE BEARING INTO THE HEADRAIL

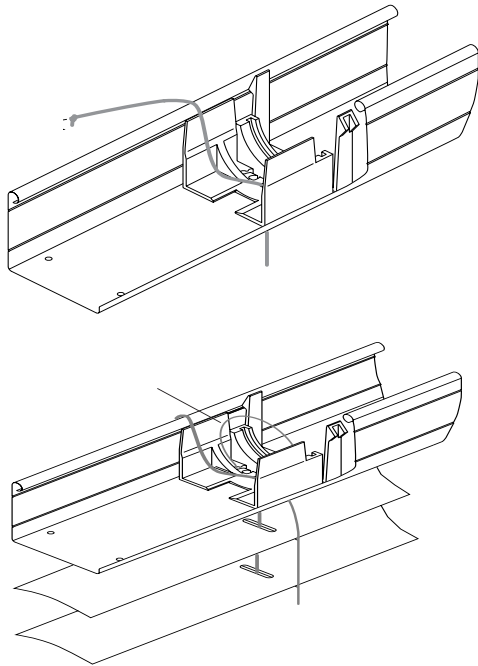


The bearing can be positioned in two ways: however we advise to put all the bearings in the same way.



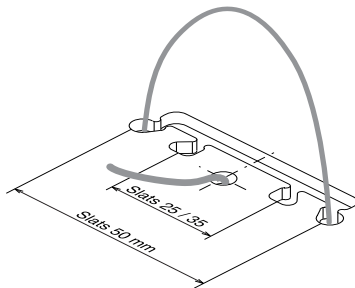
CTS 40 INSTALLATION ADVICE

F THREAD THE CORD THROUGH THE BEARINGS (AND THE STACK OF SLATS)



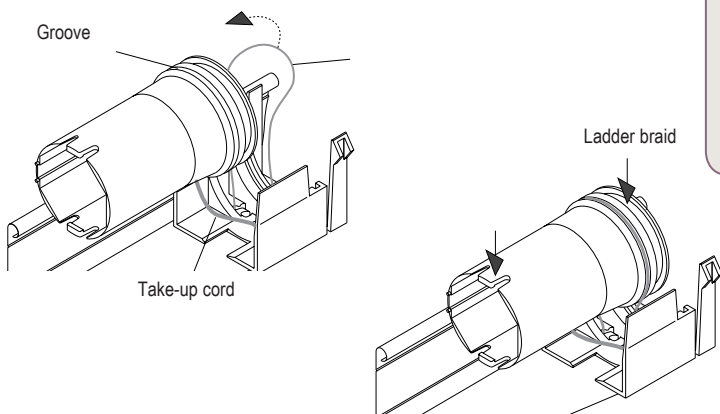
Place the cord and the ladder in the bearing. Take care the cord does not cross the ladder braid.
Note: in case on lift only application, there is no ladder operation.

G GET THE LADDER BRAID THROUGH THE BEARING



The position of the ladder braid depend on the dimensions of the slats.

H PUT THE CONE IN PLACE



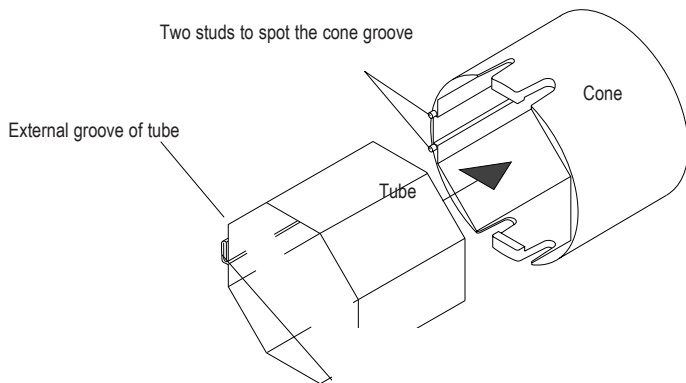
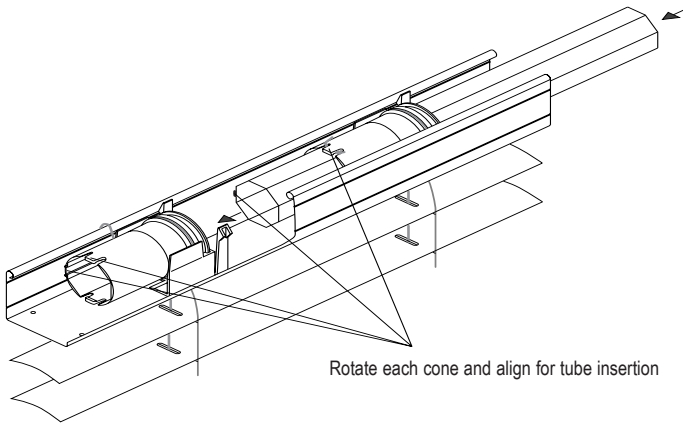
The ladder braids get into the cone groove, and then, slide the cones into the bearing.

Position all the cords on the same side of the cone and slide the knot in the cone slots in order to attach them.

CTS 40 INSTALLATION ADVICE

I SLIDE THE TUBE INTO THE CONES

Secure the cords onto the cones during this operation.
Slide the tube into the cones and take care to well position the eventual external groove in the cone groove.



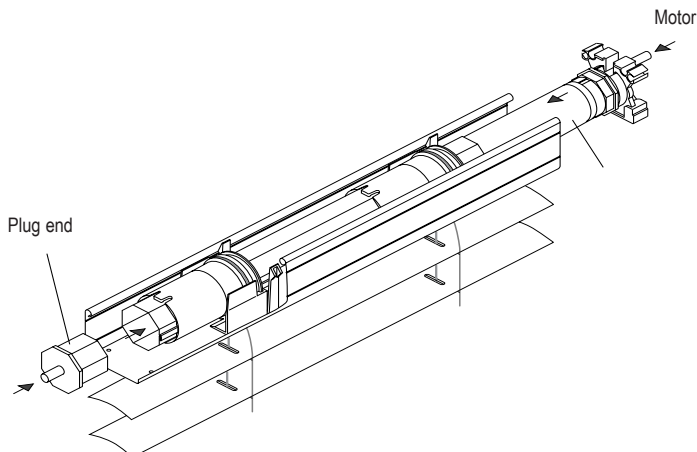
J GET THE CORD KNOT AT THE BOTTOM OF THE HEADRAIL & INSERT THE PLUG END

Turn the tube one half a turn to get the cord knot at the bottom of the headrail.

Insert the motor into the headrail and the tube.

Insert the plug end.

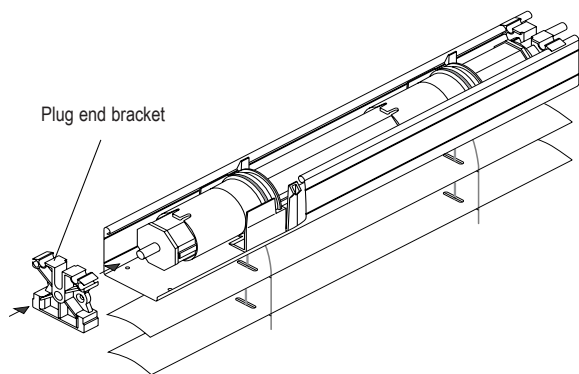
The plug end side gets opposite the holes drilled for access to the limit switches



CTS 40 INSTALLATION ADVICE

K INSERT THE PLUG END BRACKET INTO THE HEADRAIL AND ONTO THE PLUG END

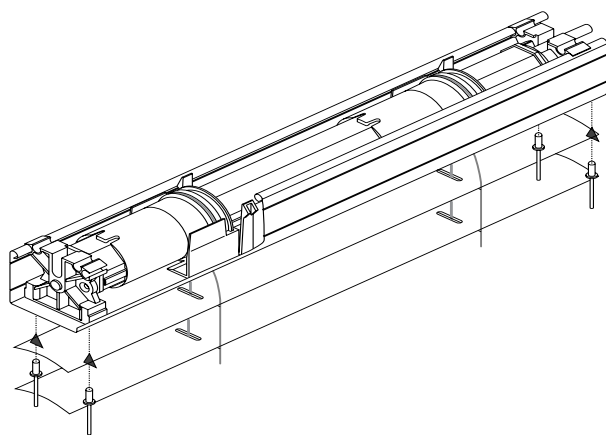
Fix and secure the plug end bracket to the headrail.



L FINISH THE MOUNTING OF THE BLIND AND TEST IT

Attach the bottom bar and set the horizontality before adjusting the top and bottom end limits.

For better horizontality, we recommend to adjust the load bar with the blind at mid-height.



ARGENTINA: **Somfy Argentina**
+54 (0) 1147 373 700

AUSTRALIA: **Somfy PTY LTD**
+61 (2) 2 9638 0744

Austria: **Somfy GesmbH**
+43 (0) 662 62 53 08

Belgium: **Somfy Belux**
+32 (0) 2 712 07 70

Brasil: **Somfy Brasil STDA**
+55 11 (0) 3695 3585

Canada: **Somfy ULC**
+1 (0) 905 564 6446

China: **Somfy China Co. Ltd**
+86 21 (0) 6280 9660

Croatia: **Somfy predstavništvo**
+385 (0) 51502640

Cyprus: **Somfy Middle East**
+357 (0) 25 34 55 40

Czech Republic: **Somfy Spol s.r.o.**
+420 (0) 296 372 486-7

Denmark: **Somfy AB Denmark**
+45 (0) 65325793

Finland: **Somfy AB Finland**
+358 (0) 957 13 02 30

France: **Somfy France**
+33 (0) 820 374 374

Germany: **Somfy GmbH**
+49 (0) 7472 930 0

Greece: **Somfy Hellas**
+30 (0) 210 614 67 68

Hong Kong: **Somfy Co. Ltd**
+852 (0) 2523 6339

Hungary: **Somfy Kft**
+36 (0) 1814 5120

India: **Somfy India PVT Ltd**
+91 (0) 11 51 65 91 76

Indonesia: **Somfy Indonesia**
+62 (0) 21 719 3620
Israel: **Sisa Home Automation Ltd**
+972 (0) 3 952 55 54

Iran: **Somfy Iran**
+98 217 79 51 036

Italy: **Somfy Italia s.r.l**
+39 (0) 024 84 71 81

Japan: **Somfy KK**
+81-45-481-6800

Jordan: **Somfy Jordan**
+962 6 582 1615

Kingdom of Saudi Arabia:
Somfy Saudi
+966 1 47 23 020

Kuwait: **Somfy Kuwait**
+965 (0) 434 89 06

Lebanon: cf. **Cyprus Somfy Middle East**
+961 (0) 1 391 224

Malaysia: **Somfy Malaysia**
+60 (0)3 228 74743

Mexico: **Somfy Mexico SA de CV**
+52 (0) 55 4777 7770

Morocco: **Somfy Maroc**
+212 (0) 22 44 35 00

Netherlands: **Somfy BV**
+31 (0) 23 55 44 900

Norway: **Somfy Norway**
+47 (0) 41 57 66 39

Poland: **Somfy SP Z.O.O**
+48 (0) 22 50 95 300

Portugal: **Somfy Portugal**
+351 (0) 229 396 840

Romania: **Somfy SRL**
+40 (0) 368 444 081

Russia: **Somfy LLC**
+7 (0) 495 360 47 72

Serbia: **Somfy predstavništvo**
+381 (0) 25 84 15 10

Singapore: **Somfy PTE LTD**
+65 (0) 638 33 855

Slovaquia: cf. **Czech Republic Somfy Spol s.r.o.**
+421 (0) 337 718 638

Spain: **Somfy Espana SA**
+34 (0) 934 800 900

South Korea: **Somfy JOO**
+82 (0) 2 594 4331

Sweden: **Somfy AB**
+46 (0) 40 165900

Switzerland: **Somfy A.G.**
+41 (0) 44 838 40 30

Taiwan: **Somfy Taiwan**
+886 (0) 2 8509 8934

Thailand: **Somfy Bangkok Regional Office**
+66 (0) 2714 3170

Tunisia: **Somfy Tunisia**
+216 98 30 36 03

Turkey: **Somfy Turkey**
+90 (0) 216 651 30 15

UAE: **Somfy Gulf**
+971 (0)4 88 32 808

United Kingdom: **Somfy LTD**
+44 (0) 113 391 3030

United States: **Somfy Systems Inc**
+1 (0) 609 395 1300