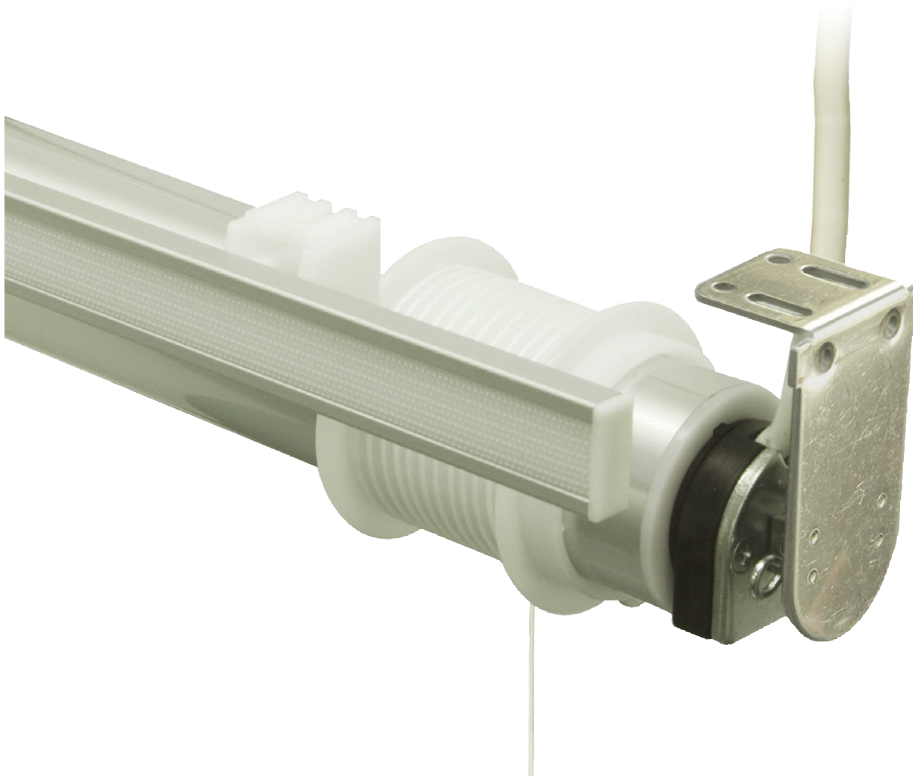


Motorized Roman Shade

ATF35-RS



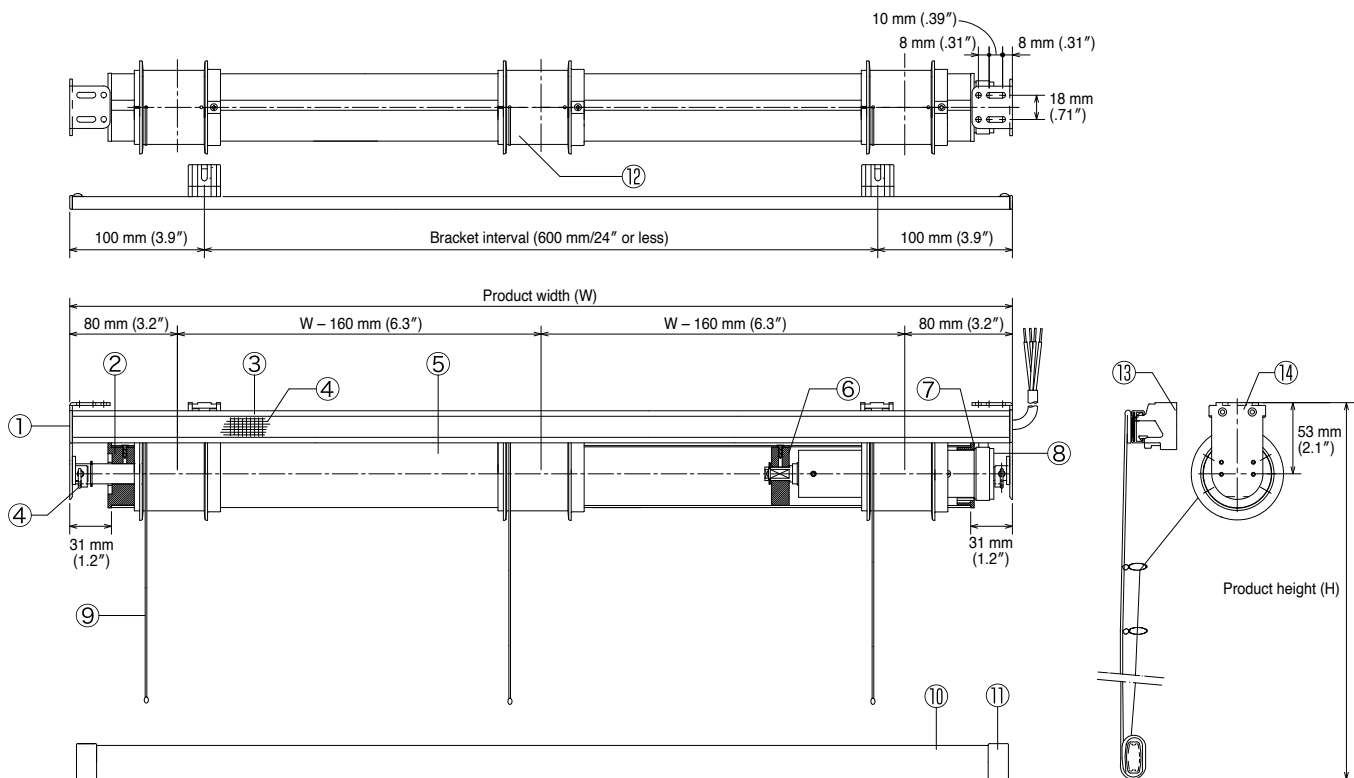
- Exceptionally compact motorized roman shade.
- Suitable for most ordinary windows.
(Max. dimensions: 2000 mm or 79" in width,
3000 mm or 118" in height and
max. square: 6 m² or 7.2 yd²)
- Switch operation type and FM remote type are available.

ATF35-RS

ATF35-RS's Unique Features

- This compact design motorized roman shade offers a variety of uses: from commercial to home.
- ATF35 tubular motor realizes quiet operation. (less than 40 dB)
- A good choice for a wide range of home and commercial settings.
- Motor for switch operation and motor (built-in FM Receiver) are available.

Structure Drawing



Components and Materials

No.	Components	Material
①	Freel Head Cap	Polyacetal resin
②	ATF35 Pipe End	Polyacetal resin
③	Freel Head Rail	Aluminum
④	RS Slide-in Velcro	Polypropylene
⑤	ATF35 Roller Pipe $\phi 50$	Aluminum
⑥	ATF35-06 Drive	Polyacetal resin
⑦	ATF35 Limit Crown	Polyacetal resin

No.	Components	Material
⑧	ATF35-06/06RF Tubular Motor	—
⑨	Lift Cord $\phi 1.2$	Polyester fiber
⑩	RS Weight Bar 25	Steel
⑪	RS Weight Bar Cap 25	Polyethylene resin
⑫	ATF35-RS Recoiling Pulley	Polyacetal resin
⑬	Freel Bracket	Polyacetal resin
⑭	ATF35-04 End Side Bracket	Stainless steel

Motor Specifications

Power Source Voltage	V	AC220–230
Frequency	Hz	50 / 60
Current	A	0.485
Power Consumption	W	115
Rated Torque	Nm	4
Rated RPM	rpm	23
Rated Running Time	min	4
Ambient Temperature	C	–10 to 40

*Since this is not synchronized motor, RPM is vary depending on fabric weight.

Allowable Size

Width	ATF35-06	600–2,000 mm (24–79")
	ATF35-06RF	700–2,000 mm (28–79")
Height		600–3,000 mm (24–118")
Max Surface Area		7 m ² (8.4 yd ²)

Maximum Screen Weight

6.0 kg (13 lb)
(1.0 kg/2 lb or less per one Pulley)

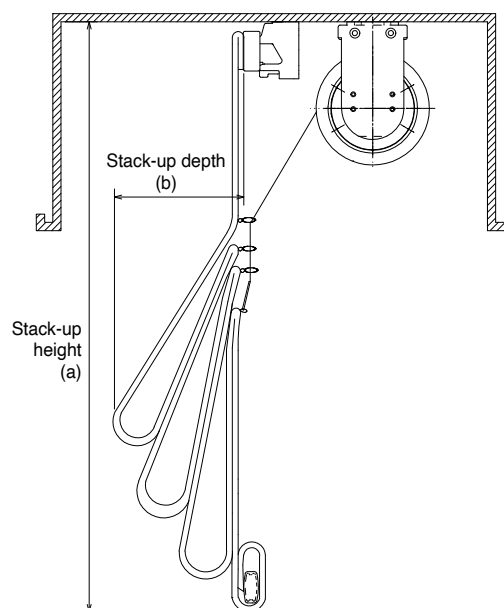
Product Weight

5.2 kg (11 lb)
(width: 2,000 mm/79" without screen)

Recommended Number of Lift Cords

Product Width	Number of Lift Cords
600–900 mm (24–35")	3
910–1,400 mm (36–55")	4
1,410–1,900 mm (56–75")	5
1,910–2,000 mm (75–79")	6

Stack-up Guide



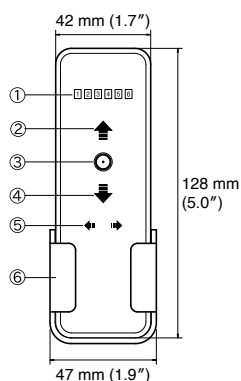
Style	Plain	Plain with Rods	Balloon (Gathers)
Product Height	–3,000 mm (118")	–1,500 mm (59")	–3,000 mm (118")
Recommended Ring Interval	200 mm (7.9")	120 mm (4.7")	150 mm (5.9")
Stack-up Height Dimension (a)	200 mm (7.9") + H/80 mm (3.2")	220 mm (8.7") + H/24 mm (.94")	250 mm (9.8") + H/30 mm (1.2")
Stack-up Depth Dimension (b)	80 mm (3.2")	100 mm (3.9")	200 mm (7.9")

FM Remote-Control Transmitter

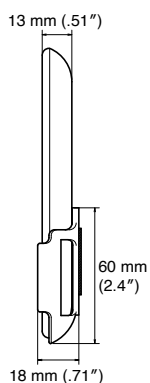
Top view



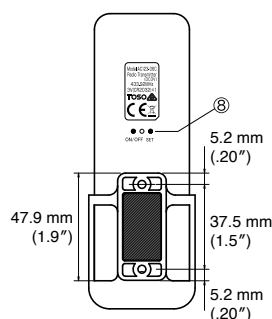
Front view



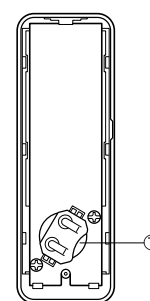
Side view



Back view



Inside view



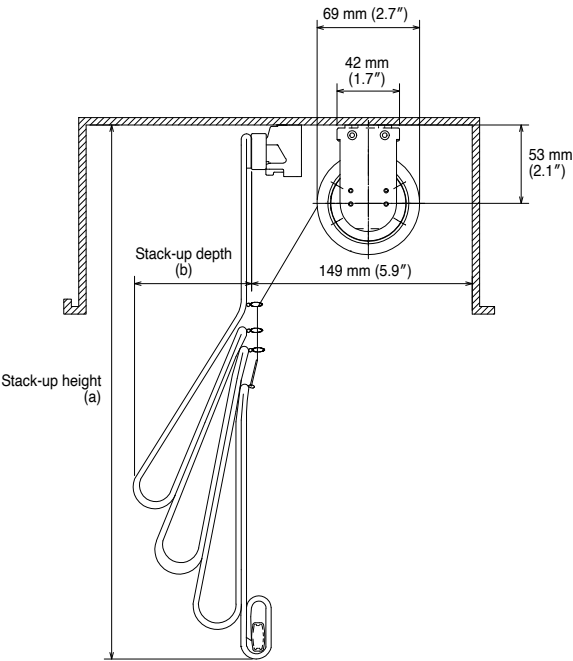
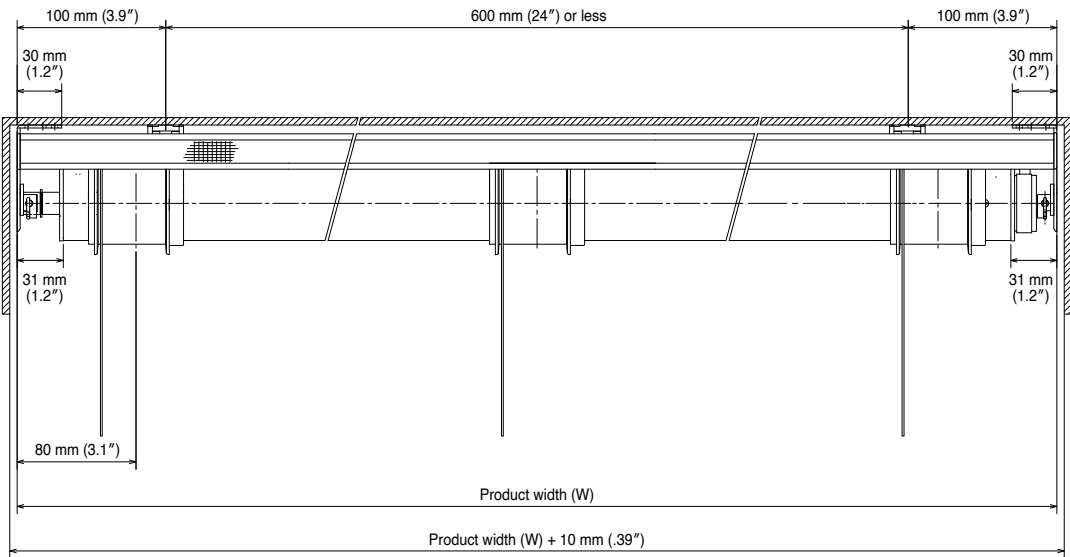
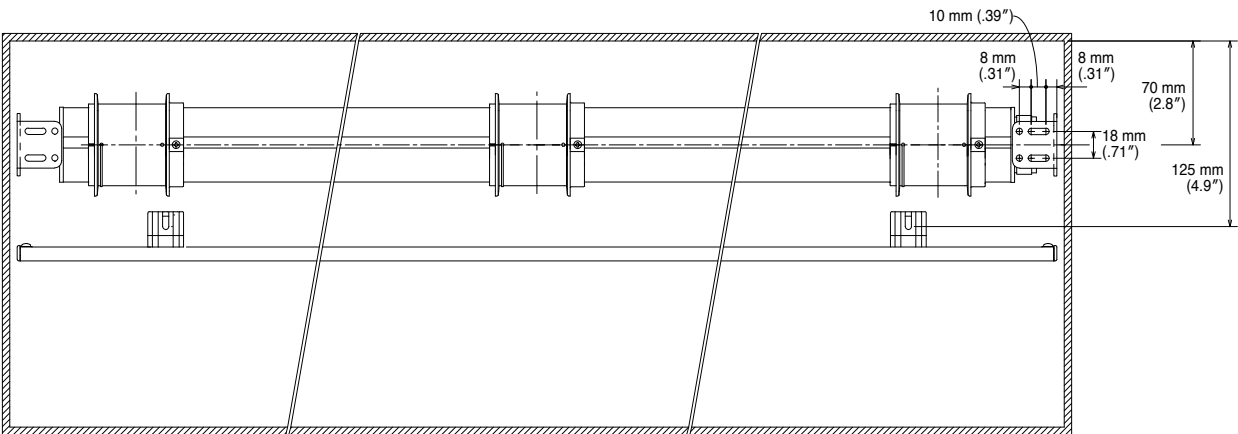
Parts Name

①	Address No. LED Indicator Lamp
②	Open Button
③	Stop Button
④	Close Button
⑤	Address No. Setting Button
⑥	Holder
⑦	Lithium Battery (CR2032)
⑧	ON/OFF Button

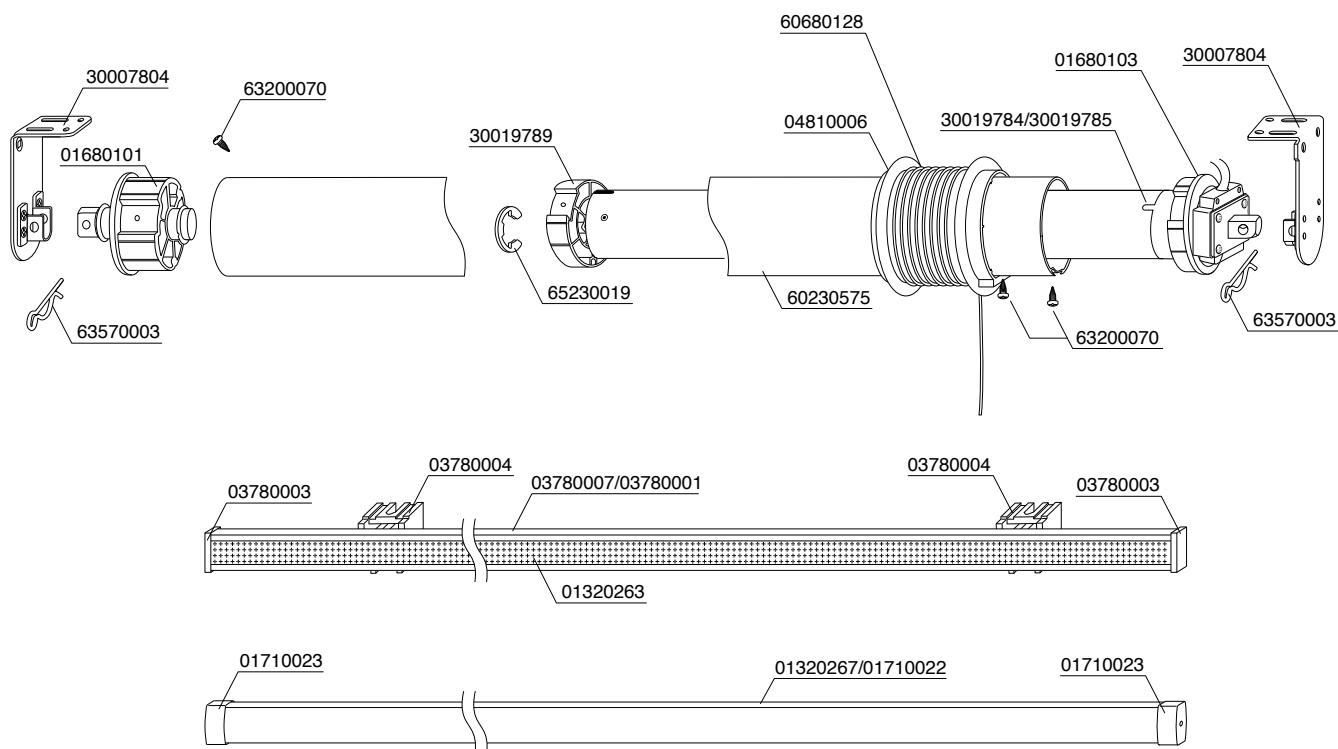
Specification

Source Voltage	DC 3V (CR2032 × 1)
Source Current	20 mA or lower
Wave Frequency	433.92 MHz
Number of Channel	1 to 6 (ALL for 6 CH)
Ambient Temperature	–10 to 50°C (Non-condensing)
Reaching Distance	30 m (varies depending on the condition)
Product Size	W 42 mm × H 128 mm × D 13 mm
Product Weight	Approx. 58 g

Overall Structure Drawing



Exploded View



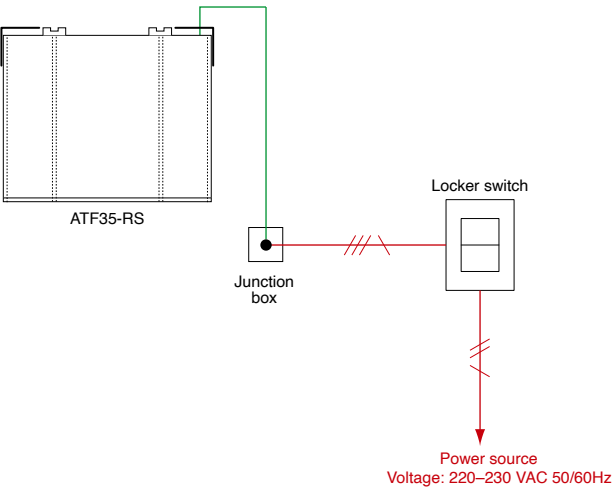
Parts and Components

Item No.	Product Name	Product Width			
		600–900 mm (24–35")	910–1,400 mm (36–55")	1,410–1,900 mm (56–75")	1,910–2,000 mm (75–79")
30019784	ATF35-06 Tublar Motor	1 pc	1 pc	1 pc	1 pc
30019785	ATF35-06RF Tublar Motor				
01680103	ATF35 Limit Crown	1 pc	1 pc	1 pc	1 pc
30019789	ATF35-06 Drive	1 pc	1 pc	1 pc	1 pc
01680101	ATF35 Pipe End	1 pc	1 pc	1 pc	1 pc
60230575	ATF35 Roller Pipe $\phi 50$ 2000 mm (79")	W–62 mm (2.4") $\times$ 1 pc	W–62 mm (2.4") $\times$ 1 pc	W–62 mm (2.4") $\times$ 1 pc	W–62 mm (2.4") $\times$ 1 pc
30007804	ATF35-04 End Side Bracket	2 pcs	2 pcs	2 pcs	2 pcs
63570003	Split Pin	2 pcs	2 pcs	2 pcs	2 pcs
65230019	Retaining Ring	1 pc	1 pc	1 pc	1 pc
63200070	Tapping Screw 3 $\times$ 10	2 pcs	2 pcs	2 pcs	2 pcs
03780004	Freel Bracket	2 (W: 600–800 mm /24–32")	3 (W: 810–1,400 mm /32–55")	4 (W: 1,410–2,000 mm /56–79")	4 (W: 1,410–2,000 mm /56–79")
03780007/03780001	Freel Head Rail	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc
03780003	Freel Head Cap	2 pcs	2 pcs	2 pcs	2 pcs
01320263	RS Slide-in Velcro	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc	W–4 mm (.16") $\times$ 1 pc
04810006	ATF35-RS Recoiling Pulley	3 pcs	4 pcs	5 pcs	6 pcs
60680128	Lift Cord $\phi 1.2$	3 pcs $\times$ 4 m (158")	4 pcs $\times$ 4 m (158")	5 pcs $\times$ 4 m (158")	6 pcs $\times$ 4 m (158")
01710023	RS Weight Bar Cap 25	2 pcs	2 pcs	2 pcs	2 pcs
01320267/01710022	RS Weight Bar 25	W–50 mm (2.0") $\times$ 1 pc	W–50 mm (2.0") $\times$ 1 pc	W–50 mm (2.0") $\times$ 1 pc	W–50 mm (2.0") $\times$ 1 pc

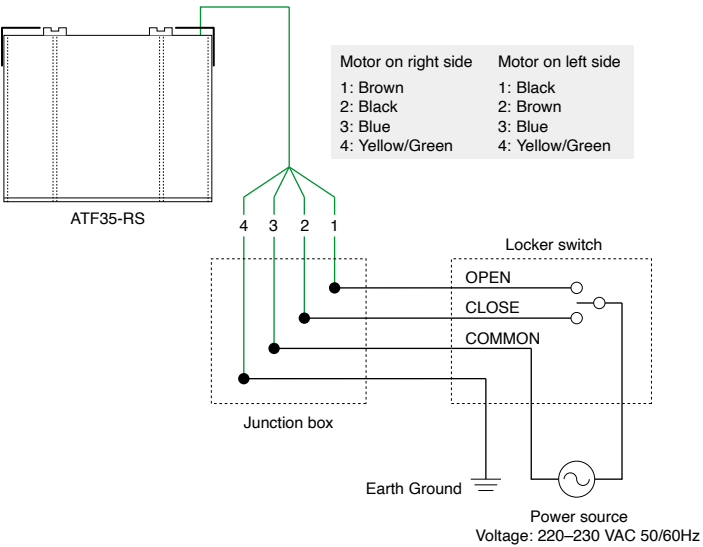
Basic Wiring and Connecting Diagram

Single Operation (ATF35-06)

Basic Wiring Diagram

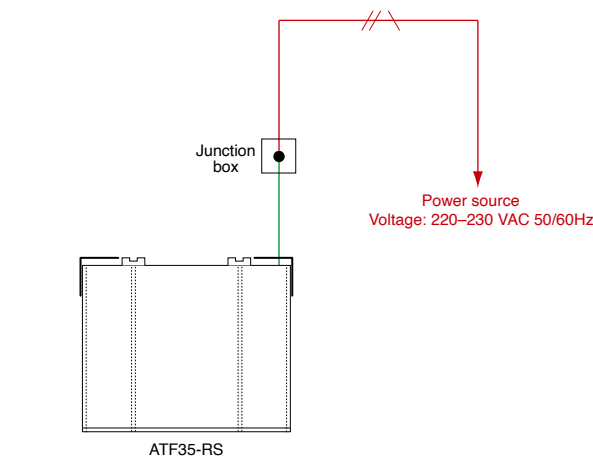


Basic Connecting Diagram

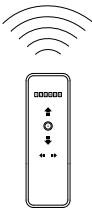
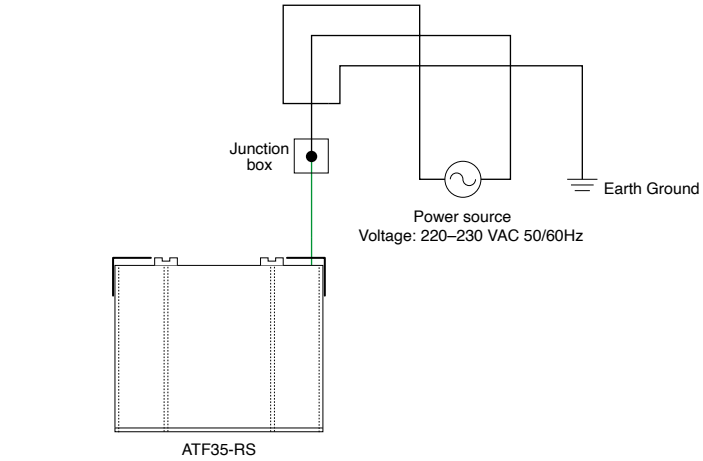


FM Remote-Control Built-in Receiver (ATF35-06RF)

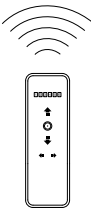
Basic Wiring Diagram



Basic Connecting Diagram



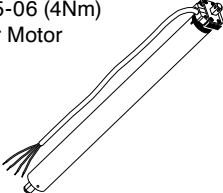
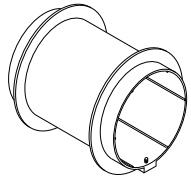
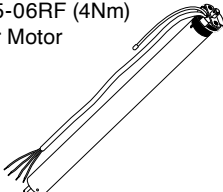
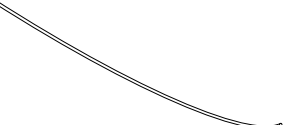
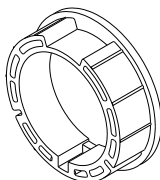
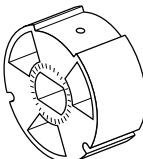
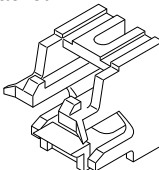
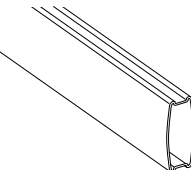
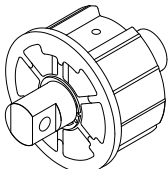
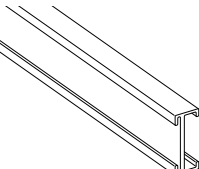
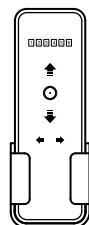
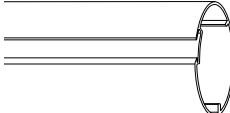
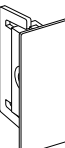
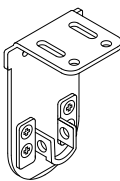
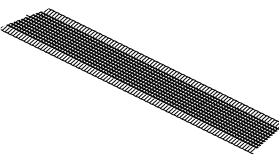
FM Remote-Control Transmitter



FM Remote-Control Transmitter

Explanatory notes: — Power supply, — Main body attachment or TOSO standard

ATF35-RS Parts

Product Name	Product Code	Product Name	Product Code	Product Name	Product Code
ATF35-06 (4Nm) Tublar Motor 	30019784	Split Pin 	63570003	ATF35-RS Recoiling Pulley 	04810006
ATF35-06RF (4Nm) Tublar Motor 	30019785	Retaining Ring 	65230019	Lift Cord $\phi 1.2$ 	60680128
ATF35 Limit Crown 	01680103	Tapping Screw 3 x 10 	63200070	RS Weight Bar Cap 25 	01710023
ATF35-06 Drive 	30019789	Freel Bracket 	03780004	RS Weight Bar 25 	3,000 mm 01320267 4,000 mm 01710022
ATF35 Pipe End 	01680101	Freel Head Rail 	4,000 mm 03780001	FM Remote-Control Transmitter (6 channels) 	30006891
ATF35 Roller Pipe $\phi 50$ 2000 mm 	60230575	Freel Head Cap 	03780003		
ATF35-04 End Side Bracket 	30007804	RS Slide-in Velcro 	01320263		

