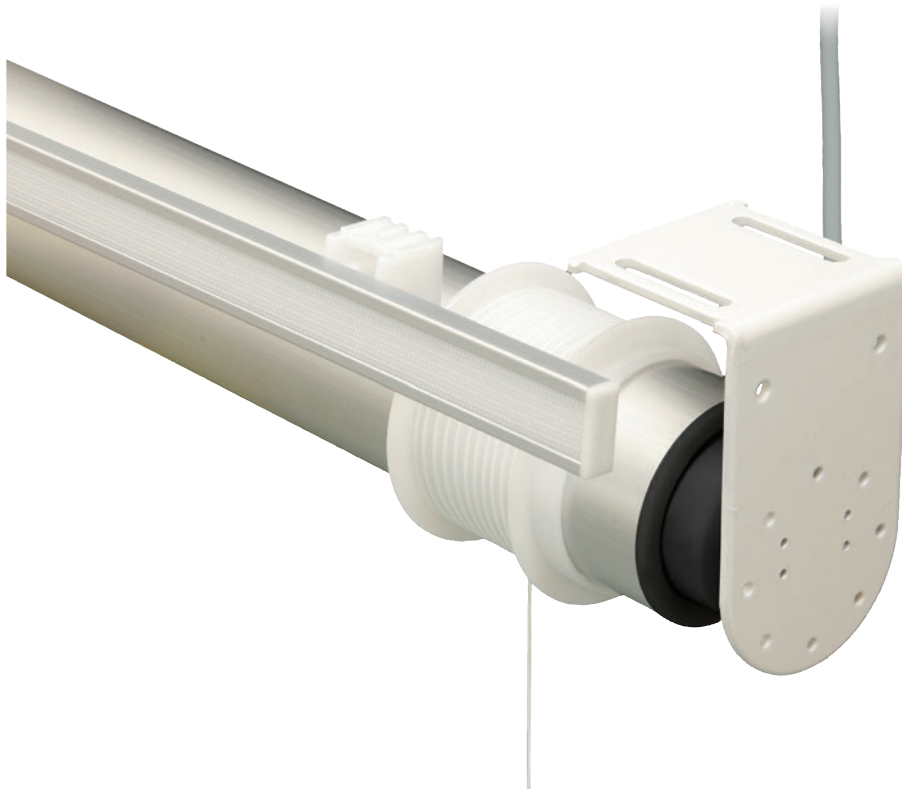


Motorized Roman Shade

ATF45-RS



- Perfect fit for large and high windows.
- 4500 mm (177") wide is possible with Intermediate Bracket.

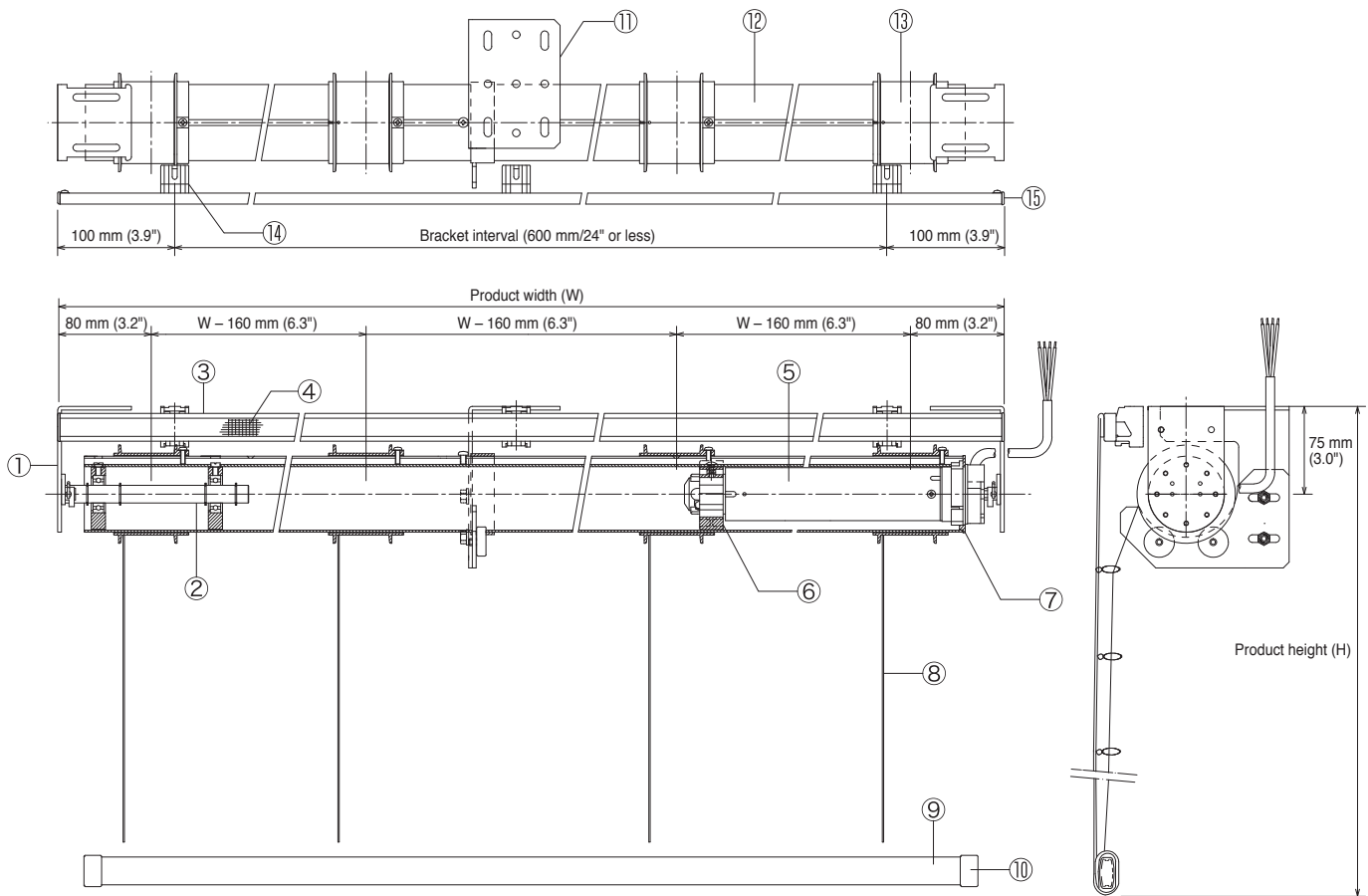
ATF45-RS

ATF45-RS's Unique Features

With a high torque motor, ATF45-RS performs a smooth operation.

Fit for a large or high window: up to 4 m (158") in width or 4 m (158") in height.

Structure Drawing



Components and Materials

No.	Components		Material
①	ATF45 Side Bracket		Steel
②	ATF45-N Pipe End		Steel + Zinc die-cast
③	Free Head Rail		Aluminum
④	RS Slide-in Velcro		Polypropylene
⑤	ATF45-N Tubular Motor Set	Motor	—
⑥		Drive	Polyacetal resin
⑦		Limit Crown	Polyacetal resin
⑧	Lift Cord Ø 1.2		Polyester fiber

No.	Components		Material
⑨	RS Weight Bar 25		Steel
⑩	RS Weight Bar Cap 25		Polyethylene resin
⑪*	ATF45-RS Intermediate Bracket		Steel + Polyacetal resin
⑫	ATF45 Roller Pipe Ø 60		Aluminum
⑬	ATF45-RS Recoiling Pulley		Polyacetal resin
⑭	Free Head Bracket		Polyacetal resin
⑮	Free Head Cap		Polyacetal resin

* When the product width is 2510 mm (99") or more, this is attached.

Motor Specifications

Power Source Voltage	V	AC220–230
Frequency	Hz	50/60
Current	A	0.77
Power Consumption	W	170
Rated Torque	Nm	5
Rated RPM	rpm	24/29
Rated Running Time	min	4
Ambient Temperature	C	-10–40

Allowable Size

Width	850–4000 mm (33–158")
Height	600–4000 mm (24–158")
Max Surface Area	16 m ² (19 yd ²)

Maximum Screen Weight

8.0 kg (18 lb)
(1.0 kg/2 lb or less per one Pulley)

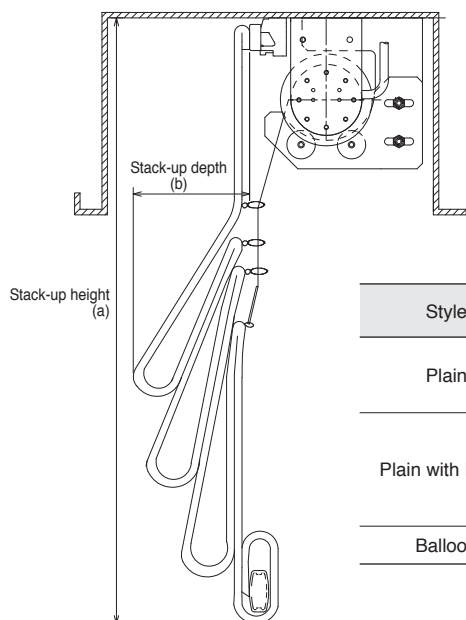
Product Weight

6.3 kg (14 lb)
(width: 2000 mm/79" without screen)

Recommended Number of Lift Cords

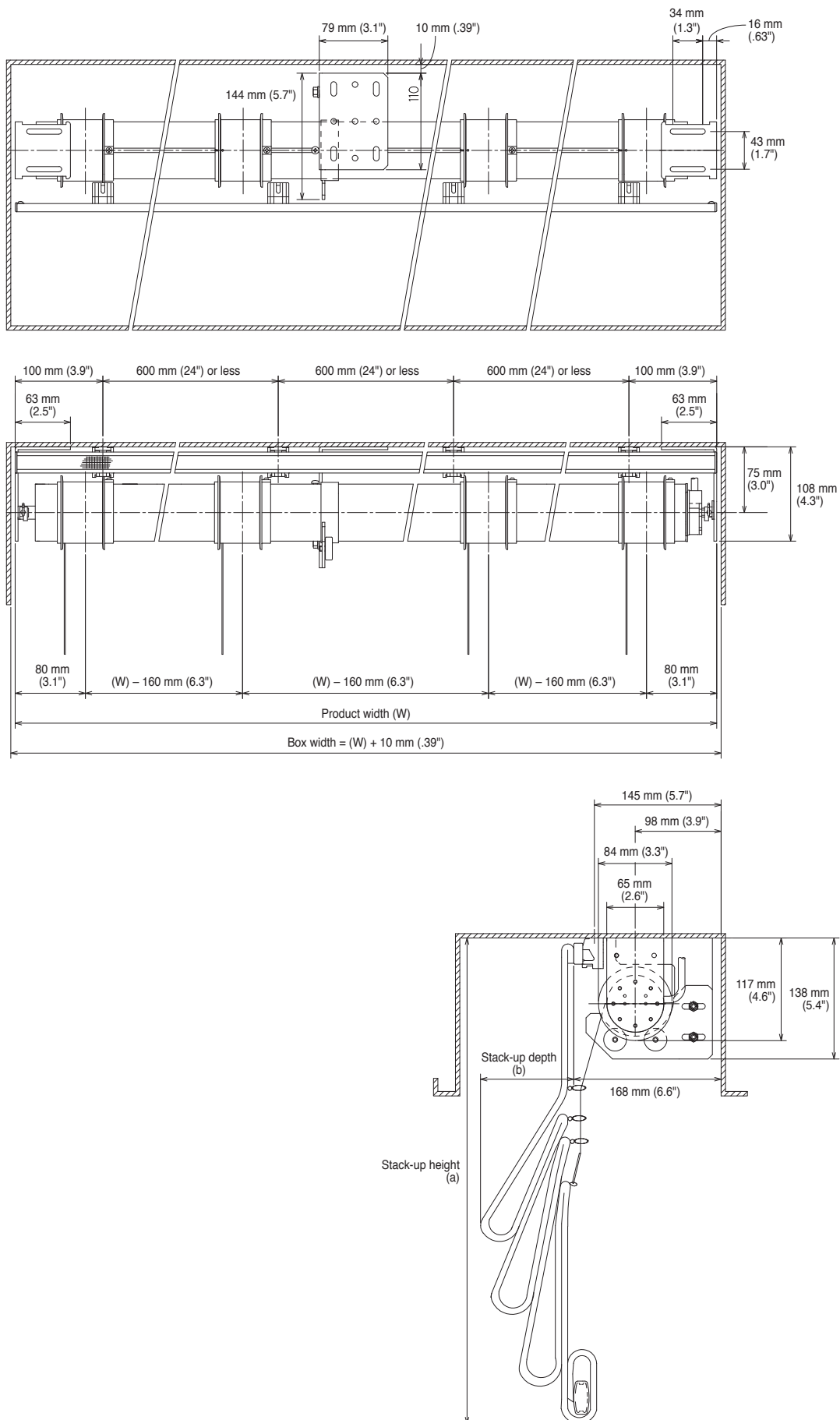
Product Width	800–900 mm (32–35")	910–1400 mm (36–55")	1410–1900 mm (56–74")	1910–2400 mm (75–94")	2410–2900 mm (95–114")	2910–3400 mm (115–133")	3410–3900 mm (134–153")	3910–4000 mm (154–158")
Number of Lift Cords	3	4	5	6	7	8	9	10

Stack-up Guide



Style	Product Height	Recommended Ring Interval	Stack-up Height Dimension (a)	Stack-up Depth Dimension (b)
Plain	–3000 mm (118")	200 mm (7.9")	250 mm (9.8") + H/80 mm (3.2")	80 mm (3.2")
	–4000 mm (158")	300 mm (11.8")	333 mm (13") + H/120 mm (4.7")	
Plain with Rods	–1500 mm (59")	120 mm (4.7")	270 mm (11") + H/24 mm (.94")	100 mm (3.9")
	–3000 mm (118")	150 mm (5.9")	300 mm (12") + H/30 mm (1.2")	
Balloon	–4000 mm (158")	300 mm (11.8")	480 mm (19") + H/60 mm (2.4")	200 mm (7.9")
	–4000 mm (158")	150 mm (5.9")	650 mm (26") + H/60 mm (2.4")	

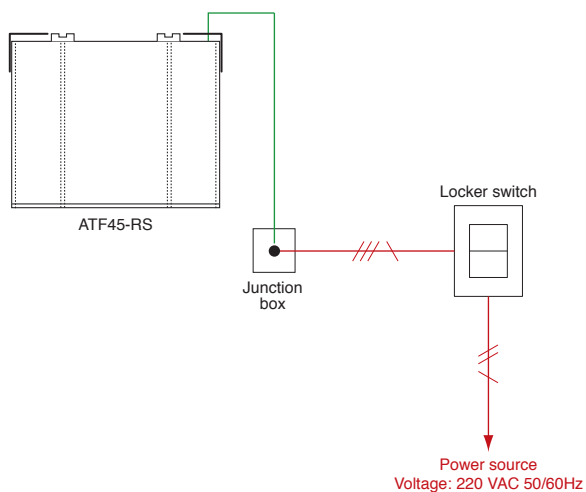
Overall Structure Drawing



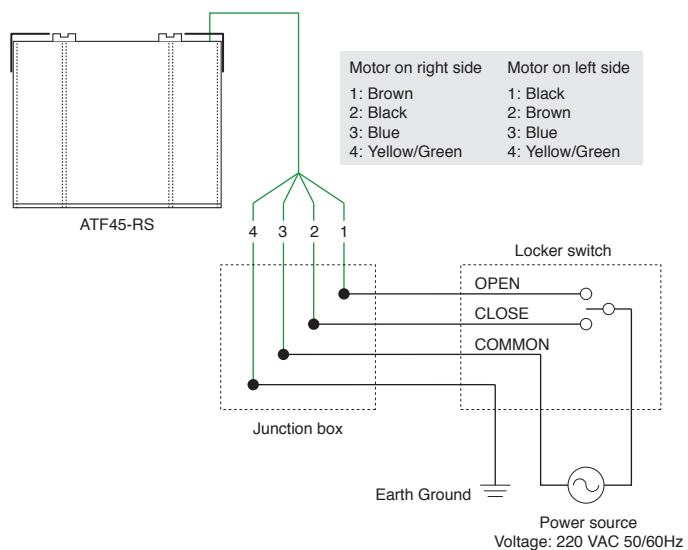
Basic Wiring and Connecting Diagram

Single Operation

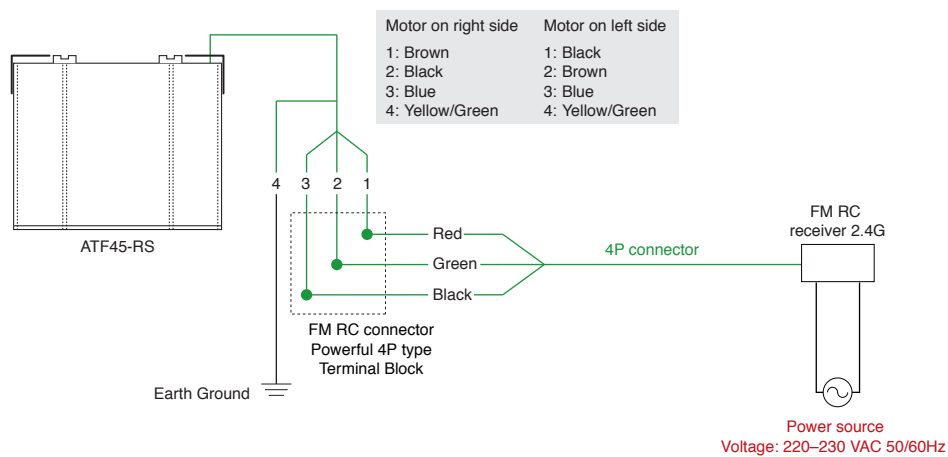
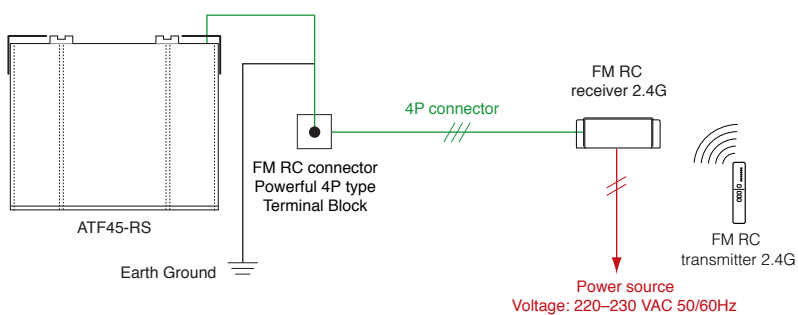
Basic Wiring Diagram



Basic Connecting Diagram



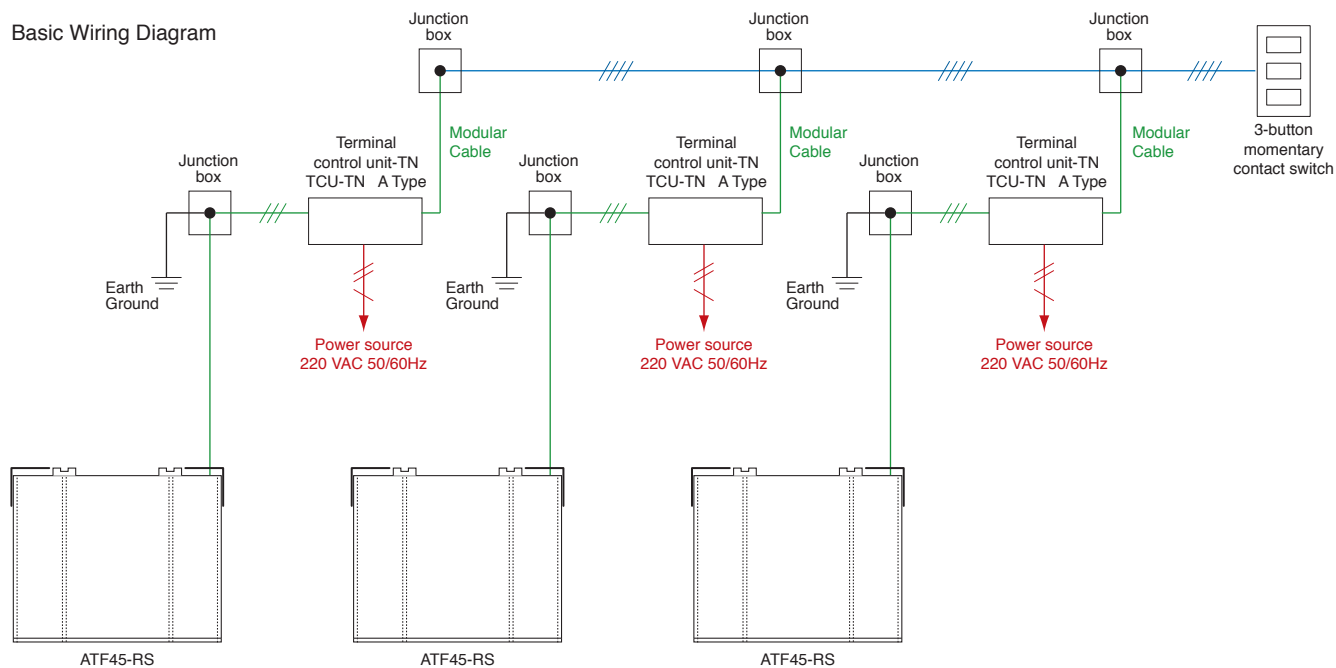
FM Remote Operation



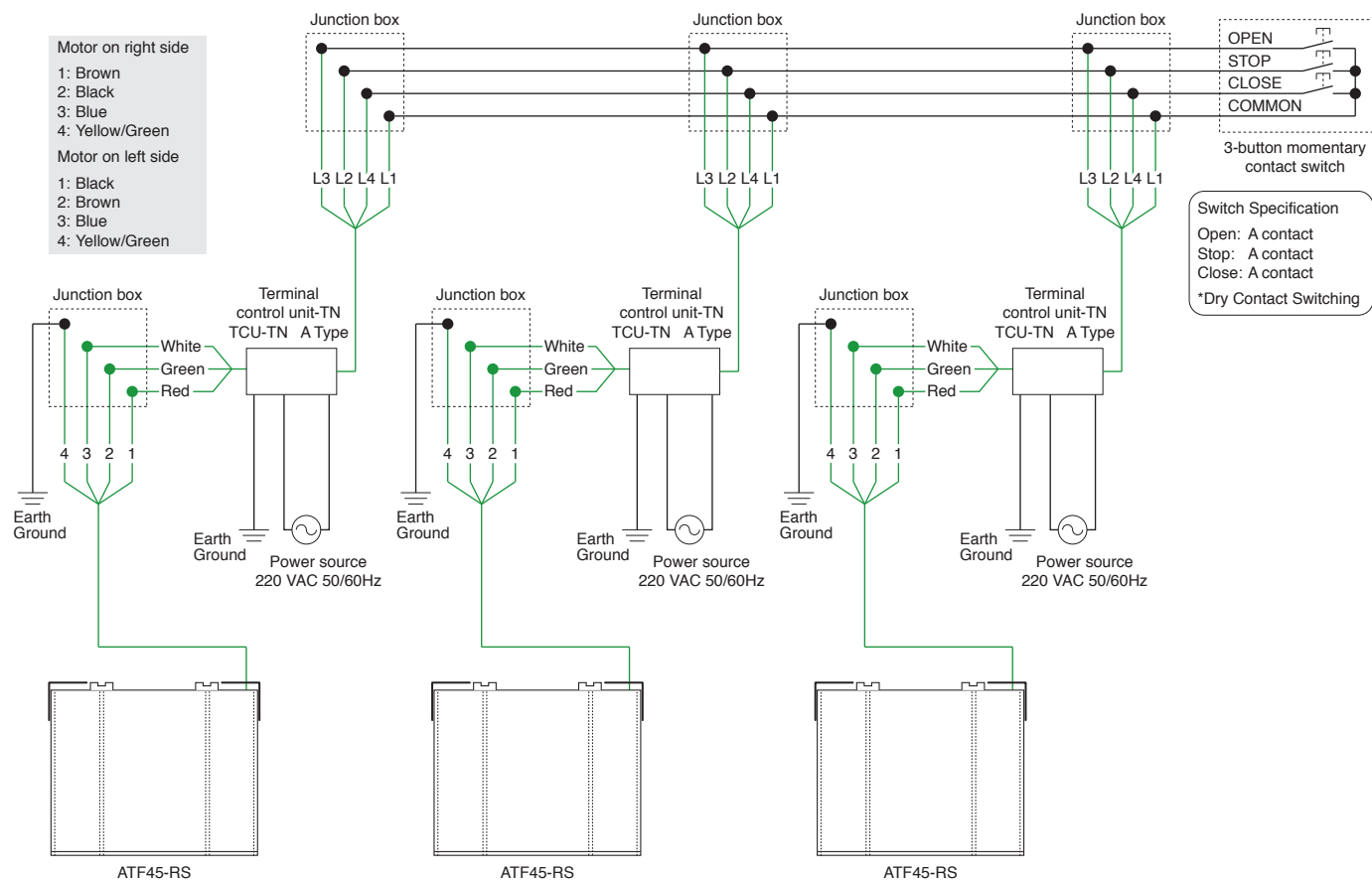
Explanatory notes: — Power supply, — Main body attachment or TOSO standard

Simultaneous Operation

Basic Wiring Diagram

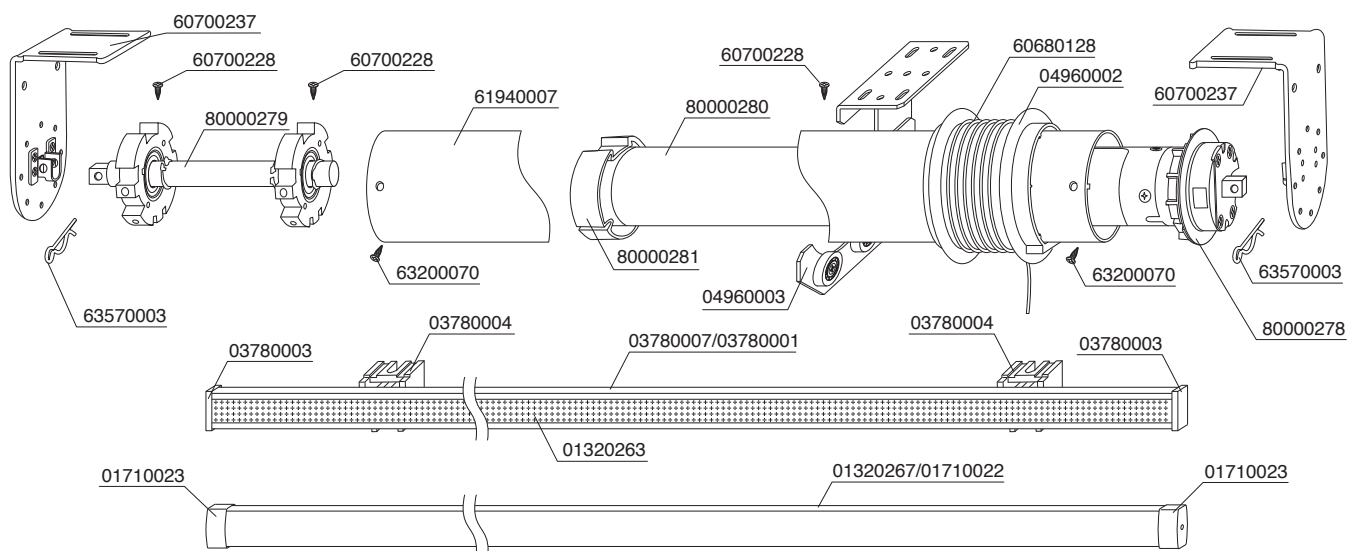


Basic Connecting Diagram



Explanatory notes: — Power supply, — Low voltage control line, — Main body attachment or TOSO standard

Exploded View

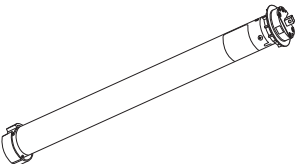
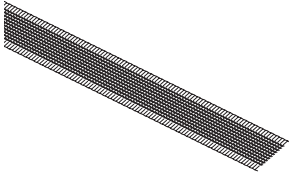
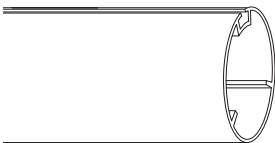
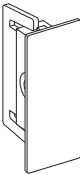
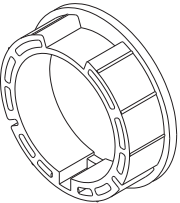
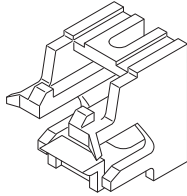
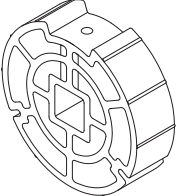
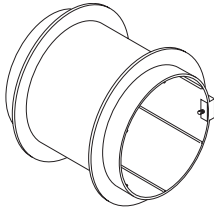
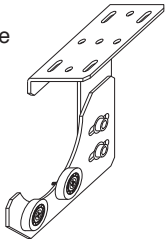
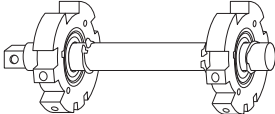
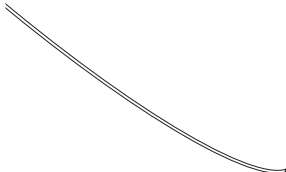
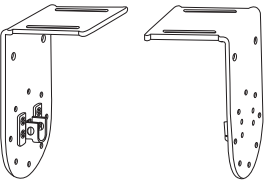
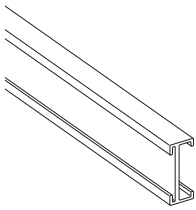
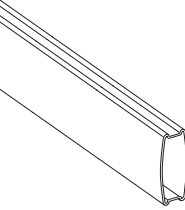


Parts and Components

Item No.	Product Name	Product Width			
		800–900 mm (32–35")	910–1400 mm (36–55")	1410–1900 mm (56–74")	1910–2400 mm (75–94")
80000280	ATF45-N Tubular Motor	1 pc			
61940007	ATF45 Roller Pipe Ø 60 6000 mm (236")	W–70 mm (2.8") x 1 pc			
80000278	ATF45-N Limit Crown	1 pc			
80000281	ATF45-N Drive	1 pc			
80000279	ATF45-N Pipe End	1 pc			
60700237	ATF45 Side Bracket	2 pcs			
63570003	Split Pin	2 pcs			
60700228	Tapping Screw for Plastic Ø 4.0 x 8	1 pc			
63200070	Tapping Screw TS 3 x 10	2 pcs			
04960002	ATF45-RS Recoiling Pulley	3	4	5	6
60680128	Lift Cord Ø 1.2	5 m (197") x 3 pcs	5 m (197") x 4 pcs	5 m (197") x 5 pcs	5 m (197") x 6 pcs
03780007/03780001	Freel Head Rail	W–4 mm (.16") x 1 pc			
01320263	RS Slide-in Velcro	W–4 mm (.16") x 1 pc			
03780003	Freel Head Cap	2 pcs			
03780004	Freel Bracket	((W – 200 mm) / 600 mm) pcs, ((W – 7.9") / 24") pcs			
04960003	ATF45-RS Intermediate Bracket	–W 2500 mm (98"): none, W 2510–4000 mm (99–158"): 1 pc			
01710023	RS Weight Bar Cap 25	2 pcs			
01320267/01710022	RS Weight Bar 25	W–50 mm (2.0") x 1 pc			

Item No.	Product Name	Product Width			
		2410–2900 mm (95–114")	2910–3400 mm (115–133")	3410–3900 mm (134–153")	3910–4000 mm (154–158")
80000280	ATF45-N Tubular Motor	1 pc			
61940007	ATF45 Roller Pipe Ø 60 6000 mm (236")	W–70 mm (2.8") x 1 pc			
80000278	ATF45-N Limit Crown	1 pc			
80000281	ATF45-N Drive	1 pc			
80000279	ATF45-N Pipe End	1 pc			
60700237	ATF45 Side Bracket	2 pcs			
63570003	Split Pin	2 pcs			
60700228	Tapping Screw for Plastic Ø 4.0 x 8	1 pc			
63200070	Tapping Screw TS 3 x 10	2 pcs			
04960002	ATF45-RS Recoiling Pulley	7	8	9	10
60680128	Lift Cord Ø 1.2	5 m (197") x 7 pcs	5 m (197") x 8 pcs	5 m (197") x 9 pcs	5 m (197") x 10 pcs
03780007/03780001	Freel Head Rail	W–4 mm (.16") x 1 pc			
01320263	RS Slide-in Velcro	W–4 mm (.16") x 1 pc			
03780003	Freel Head Cap	2 pcs			
03780004	Freel Bracket	((W – 200 mm) / 600 mm) pcs, ((W – 7.9") / 24") pcs			
04960003	ATF45-RS Intermediate Bracket	–W 2500 mm (98"): none, W 2510–4000 mm (99–158"): 1 pc			
01710023	RS Weight Bar Cap 25	2 pcs			
01320267/01710022	RS Weight Bar 25	W–50 mm (2.0") x 1 pc			

ATF45-RS Parts

Product Name	Product Code	Product Name	Product Code	Product Name	Product Code
ATF45-N Tubular Motor 	80000280	Split Pin 	63570003	RS Slide-in Velcro 	01320263
ATF45 Roller Pipe Ø 60 6000 mm 	61940007	Tapping Screw for Plastic Ø 4.0 x 8 	60700228	Freel Head Cap 	03780003
ATF45-N Limit Crown 	80000278	Tapping Screw TS 3 x 10 	63200070	Freel Bracket 	03780004
ATF45-N Drive 	80000281	ATF45-RS Recoiling Pulley 	04960002	ATF45-RS Intermediate Bracket 	04960003
ATF45-N Pipe End 	80000279	Lift Cord Ø 1.2 	60680128	RS Weight Bar Cap 25 	01710023
ATF45 Side Bracket 	60700237	Freel Head Rail 	4000 mm 03780001	RS Weight Bar 25 	3000 mm 01320267 4000 mm 01710022