

Motorized Curtain Track

Ti-8040

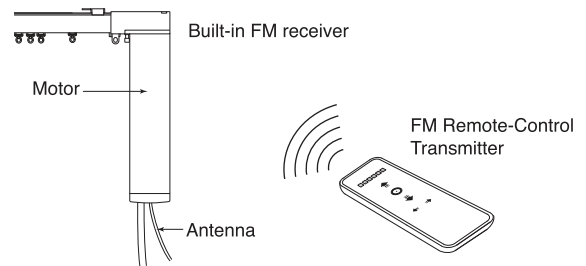


- Motorized curtain track with ultra-quiet operation.
- Automatically identifies and set Open and Stop operation limits.
- Manual-override (by hand-draw operation) is very smooth.
- Enables opening/closing of curtains without using any switch operations. (Touch Motion)
- Corresponds to the Dry or Wet Contact.
- FM remote-control receiver is built-in.

Ti - 8040's Unique Features

Feature 1: A built-in FM Remote-Control Receiver

The new motor utilises a built-in FM receiver for control.



Feature 2: Quiet operation with a new motor and new rollers

The new motor and rollers provide ultra-quiet operation

Feature 3: Can be curved into a variety of shapes

L - shaped, U - shaped, S - Shaped and gradual curves

Feature 4: Hand-draw operation as well as motor operation

A built in mechanical clutch allows the drapery to be drawn by hand smoothly./

Feature 5: Highly durable belt drive transmission system

The belt drive transmission system is highly durable

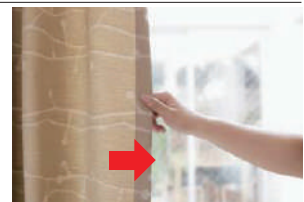
Feature 6: "Slow start" and "slow stop" functions

These functions enable the smooth start and stop of drapery operation.

Feature 7: Touch motion function

The touch motion function can perform opening / closing of curtains without using any switch.

If curtain is drawn, it will begin to move in the direction itself, and will stop at the place on limit setup.



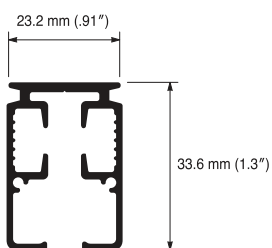
Feature 8: Dry and Wet contact

Sept. 2016 RENEWAL

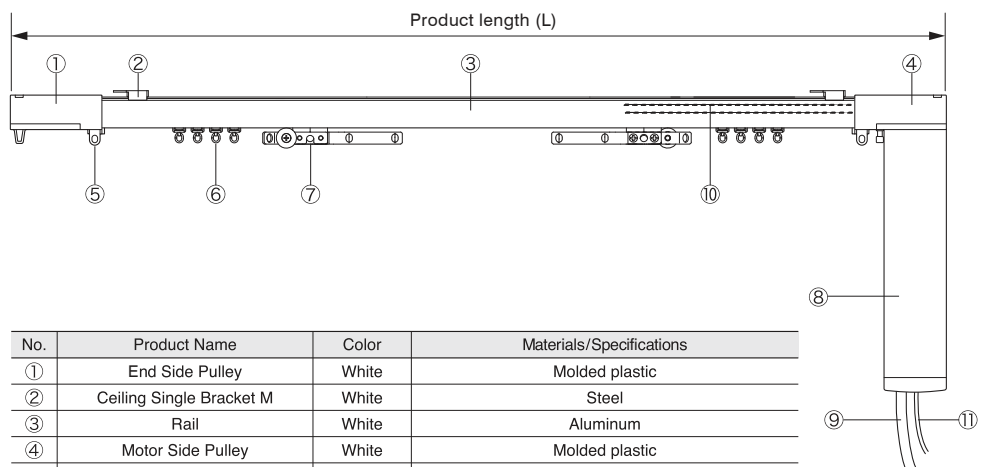
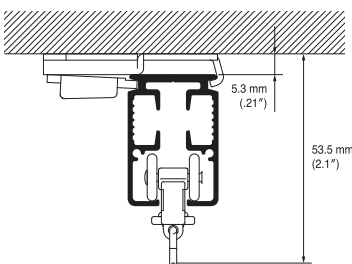
Ti-8040 can be operated by dry (no voltage) and wet (high voltage) contact.

Product Overall View and names of Parts

Rail Cross Section

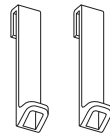
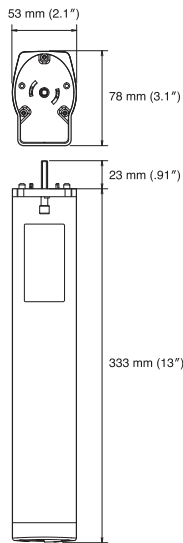


Installation Dimensions



No.	Product Name	Color	Materials/Specifications
①	End Side Pulley	White	Molded plastic
②	Ceiling Single Bracket M	White	Steel
③	Rail	White	Aluminum
④	Motor Side Pulley	White	Molded plastic
⑤	Stop	Silver	Steel
⑥	Noiseless Roller	Natural	Molded plastic
⑦	Pilot Roller Set	Silver	Steel, Molded plastic
⑧	Motor	White	Aluminum, molded plastic (case)
⑨	Electric Cord with the ground	White	Wire (1 m/39")
⑩	Drive Belt	Green	3-layer structure of steel wires, plastic and fiber
⑪	Antenna	White	Wire

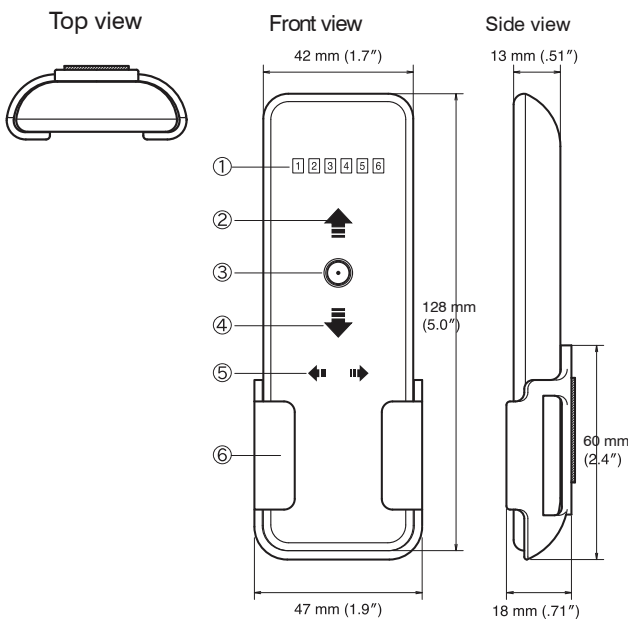
Product View and Specifications



Parts Name	Specification
Rated power voltage	AC 100 to 240 V
Rated power frequency	50/60 Hz
Power consumption	During stand by: 2.5 W or lower Max. load operation: 90 W
Operating voltage	DC 5 V
Operating current	5 mA
Power rating	0.6 A (AC 220 V), 1.4 A (AC 100 V)
Operating speed	8 sec./m (AC 220 V)
Rated current	0.8 N.m
Ambient temperature	0 to 50°C (non-condensing)
Time rating	4 min. (continuous operation)
Noise level	40 dB (in default motor speed)



FM Remote-Control Transmitter



Parts Name

①	Address No. LED Indicator Lamp
②	Open Button
③	Stop Button
④	Close Button
⑤	Address No. Setting Button
⑥	Holder

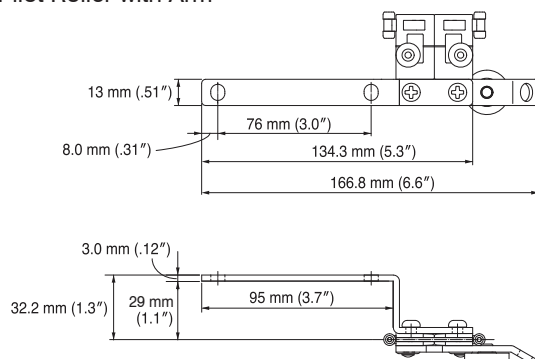
Specification

Source Voltage	DC 3V (CR2032 × 1)
Source Current	20 mA or lower
Wave Frequency	433.92 MHz
Number of Channel	1-6 (ALL for 6 CH)
Ambient Temperature	-10-50°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

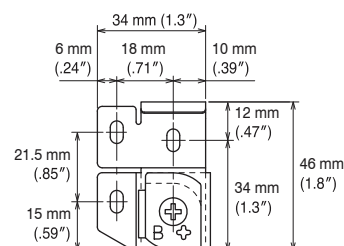


Parts Size



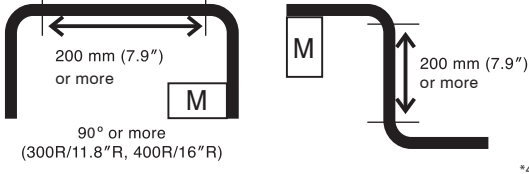

Pilot Roller with Arm



Ceiling Single Bracket M



Applicable Range

Specifications		Curtain Weight ^{*5}	Product Length
Straight		One-way Draw	40 kg (88 lb)
		Two-way Draw	40 kg (88 lb) [One-way Draw: 20 kg (44 lb)]
Single Curve ^{*1}	 <p>90° or more (300R/11.8"R, 400R/16"R)</p>	One-way Draw	15 kg (33 lb)
		Two-way Draw	15 kg (33 lb) [One-way Draw: 7 kg (15.4 lb)]
Two Curves ^{*2}	<p>• U-shaped • S-shaped</p>  <p>200 mm (7.9") or more</p> <p>90° or more (300R/11.8"R, 400R/16"R)</p> <p>200 mm (7.9") or more</p>	One-way Draw	15 kg (33 lb)
		Two-way Draw	15 kg (33 lb) [One-way Draw: 7 kg (15.4 lb)]
Overall Curve Half ^{*3}	 <p>1,000R (39"R) or more</p>	One-way Draw	15 kg (33 lb)
		Two-way Draw	15 kg (33 lb) [One-way Draw: 7 kg (15.4 lb)]

*1 With regular curve radius of 300R (11.8"R) or 400R (16"R), curve bending is available in the range of 90° to 179°.

*2 With regular curve radius of 300R (11.8"R) or 400R (16"R), curve bending is available in the range of 90° to 179°.

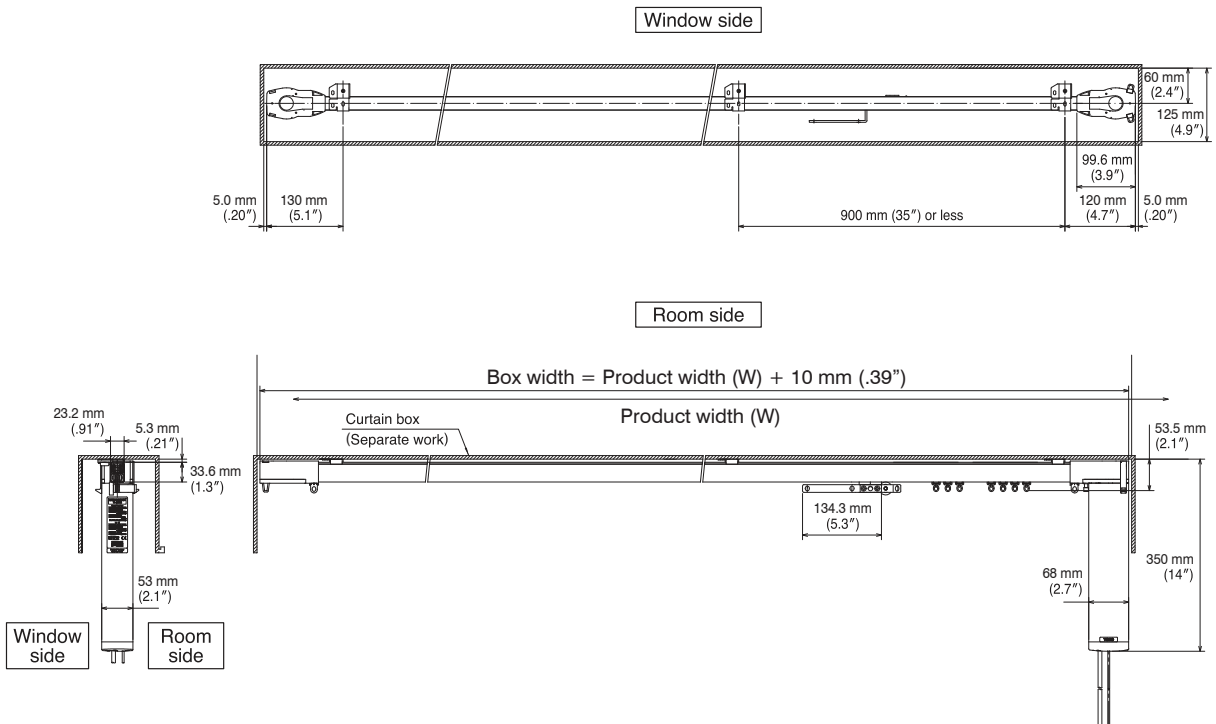
*3 Overall curve half is available with a curve radius of 1,000R (39"R) or more. The number of splice is one piece only, and two tracks need to be spliced in the center.

*4 A splice between two curves requires at least 400 mm (16") of a straight portion, and a non-splice between two curves requires at least 200 mm (7.9") of a straight portion.

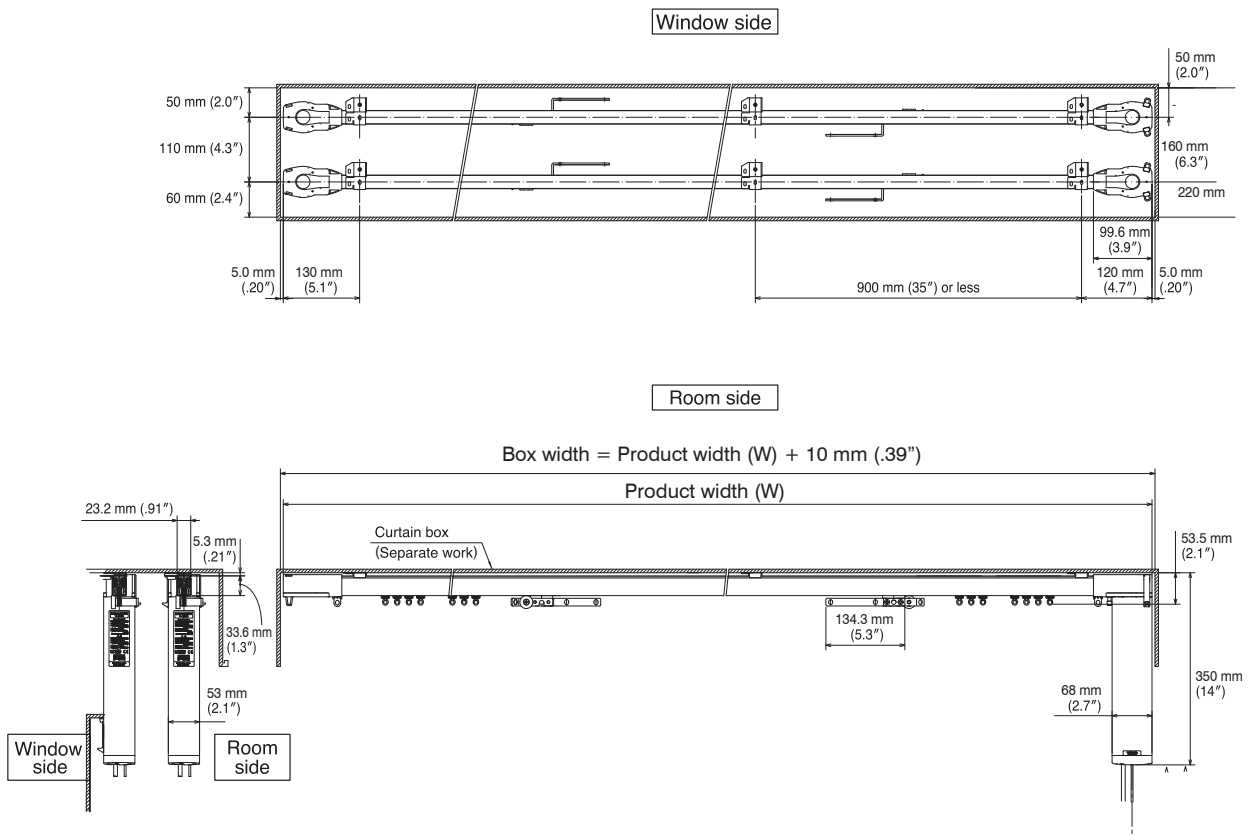
*5 An allowable curtain load per roller is 1.5 kg (3.3 lb) or less.

Installation Dimensions and Diagram

One-way draw: ceiling single attachment

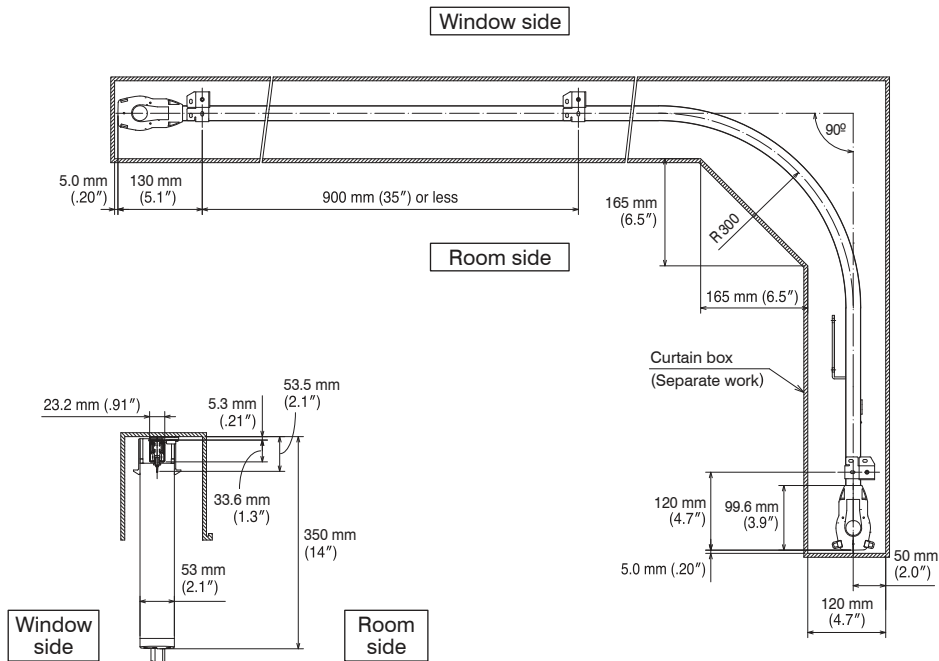


Two-way draw: ceiling double attachment

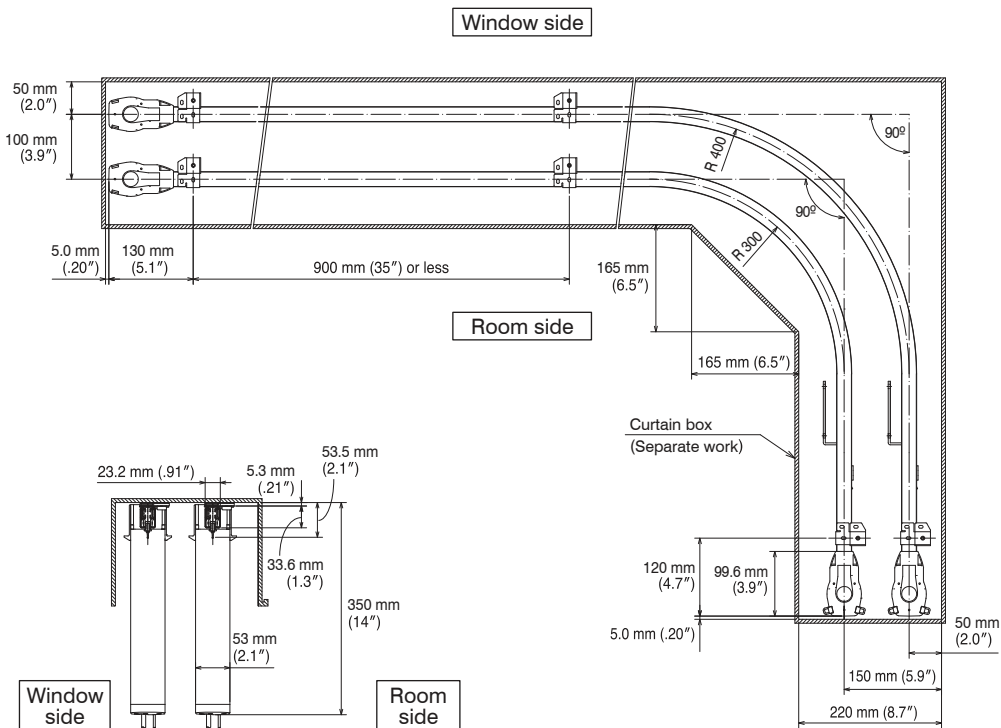


Installation Dimensions and Diagram

Single curve one-way draw: ceiling single attachment

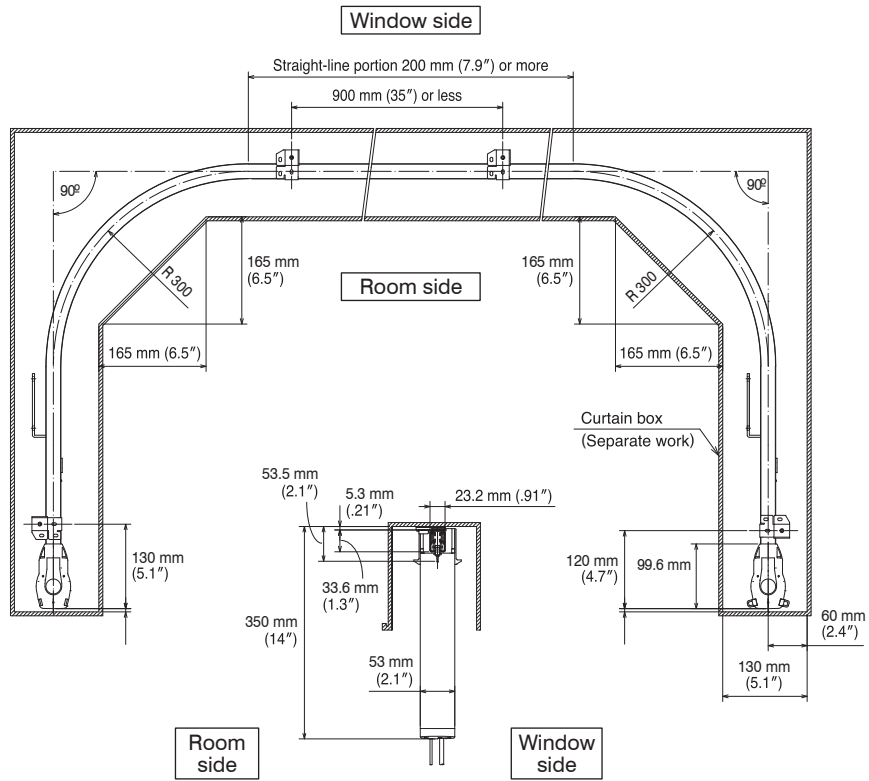


Single curve one-way draw: ceiling double attachment



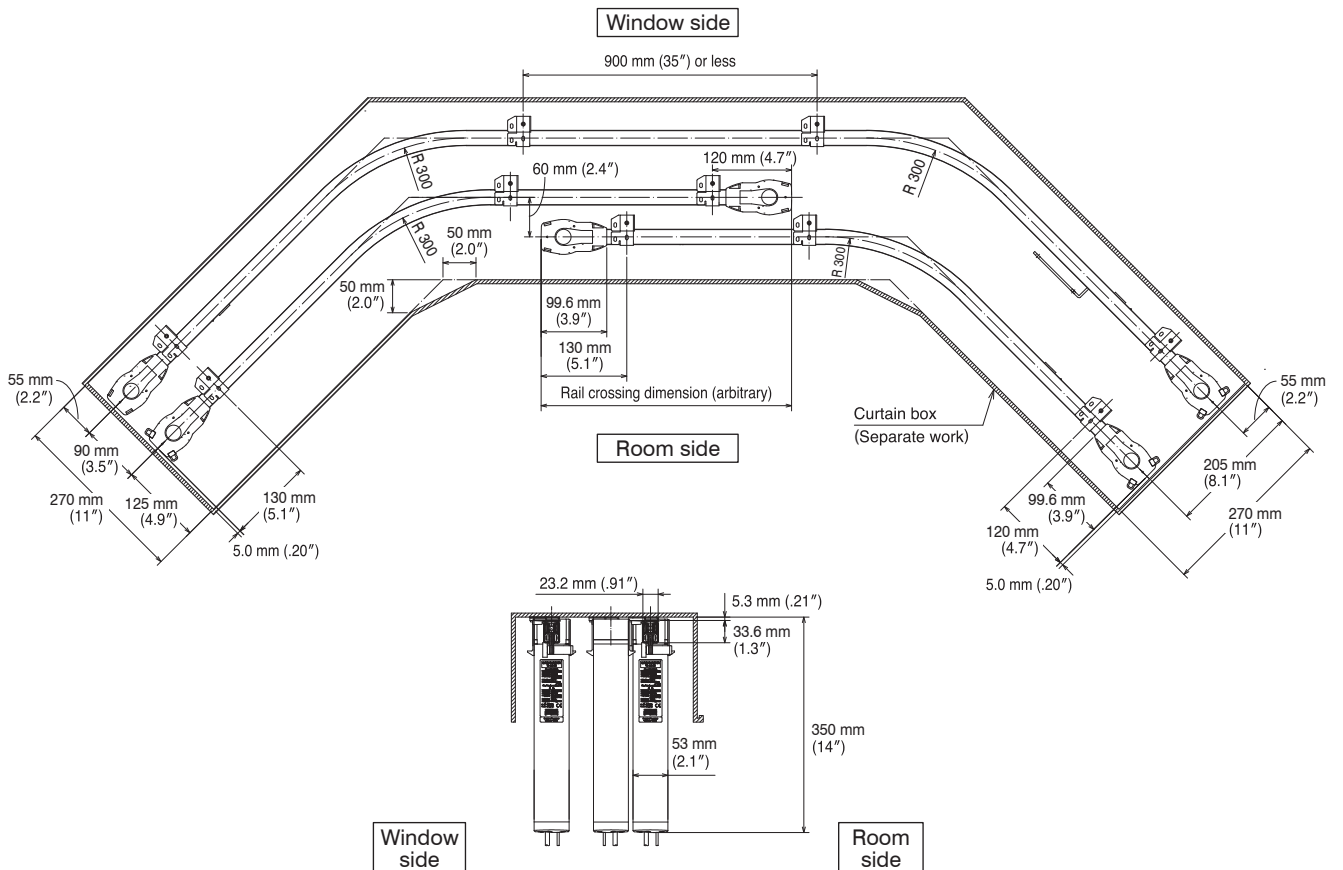
Installation Dimensions and Diagram

Two curves: ceiling single attachment



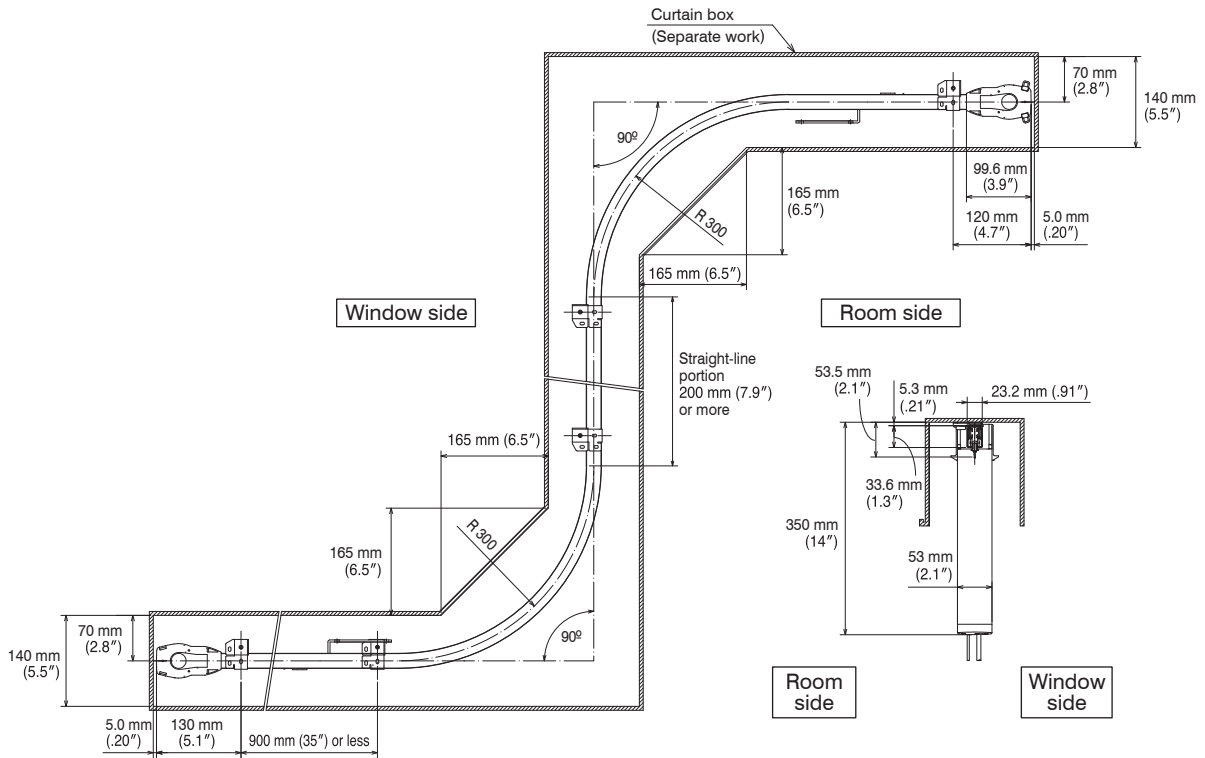
Two curves: ceiling single attachment

(Room side: Overlap with two rails, Window side: Master roller)

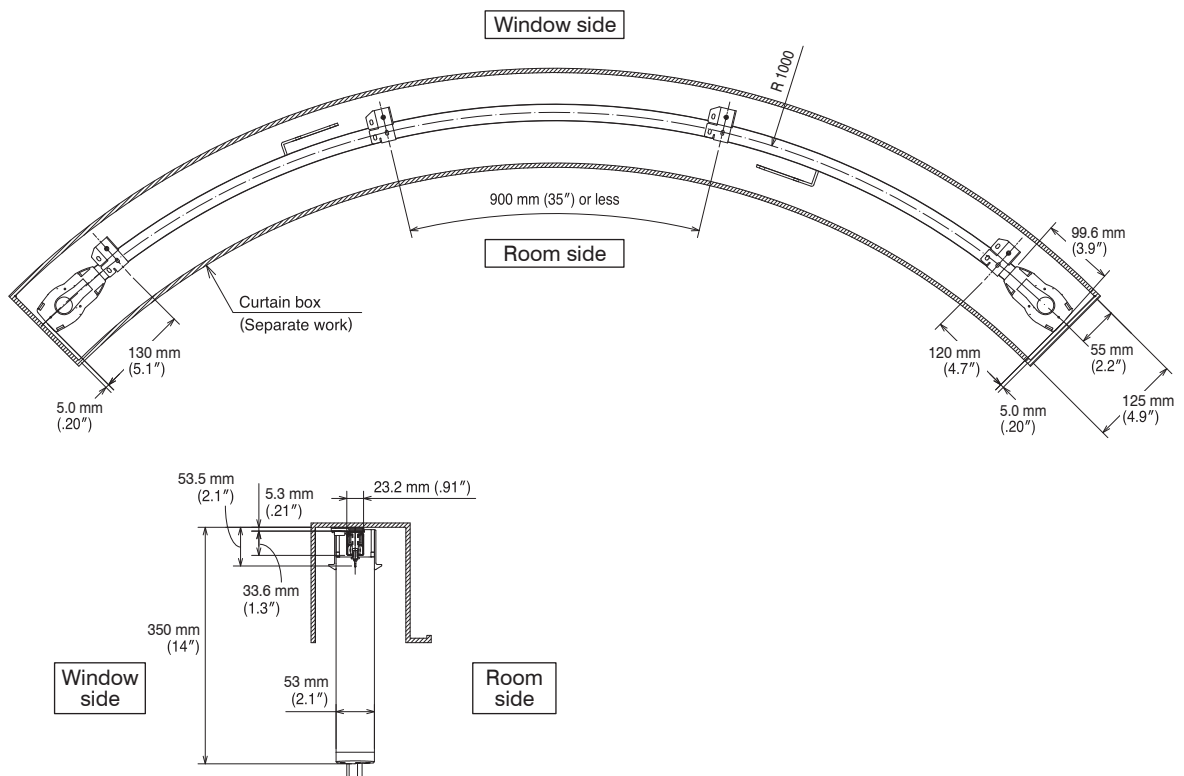


Installation Dimensions and Diagram

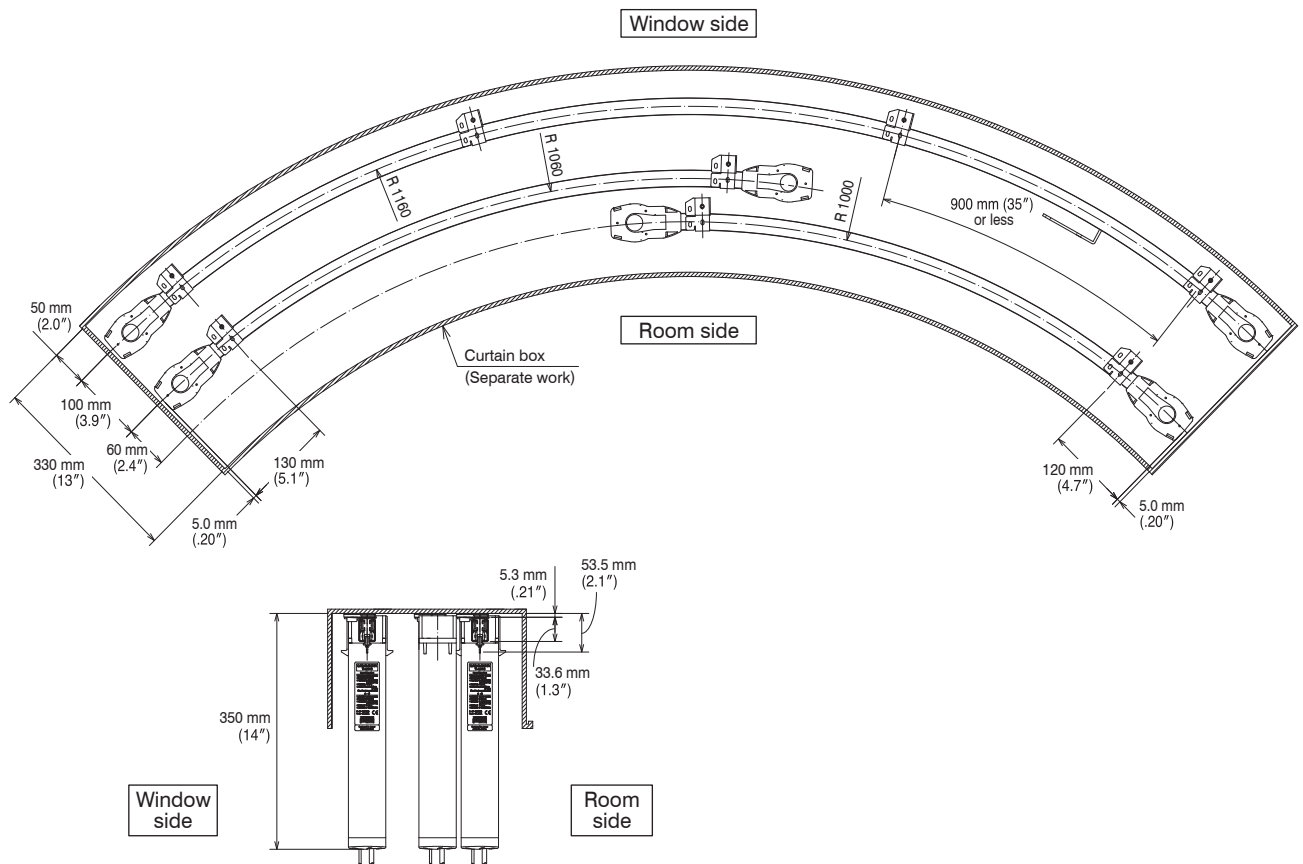
Two curves (S-shaped): ceiling single attachment



Overall curve: ceiling single attachment

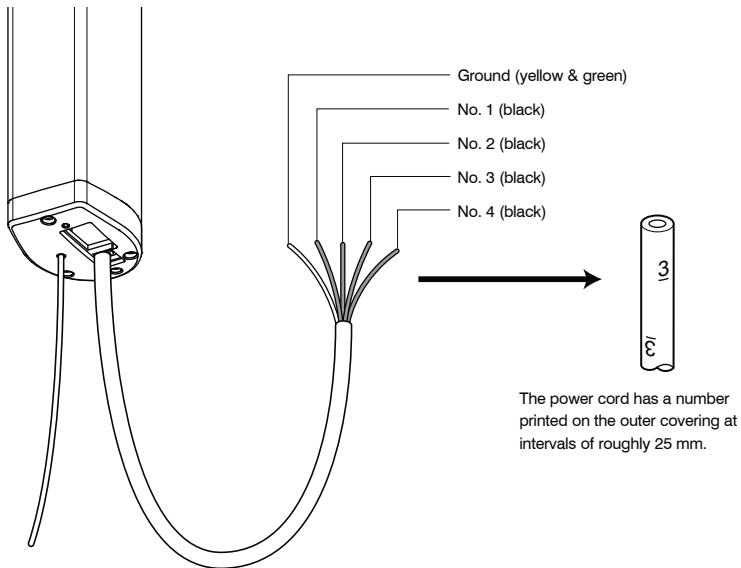


Overall curve half: ceiling double attachment
 (Room side: Overlap with two rails, Window side: Master roller)



Basic Wiring and Connecting Diagram

Note that the method of connecting the product to the power line differs depending upon the type of switch used.

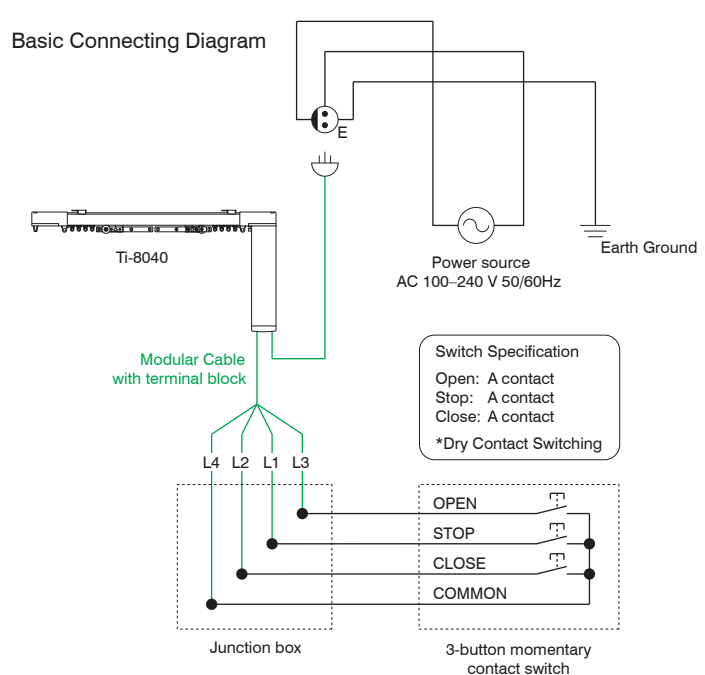
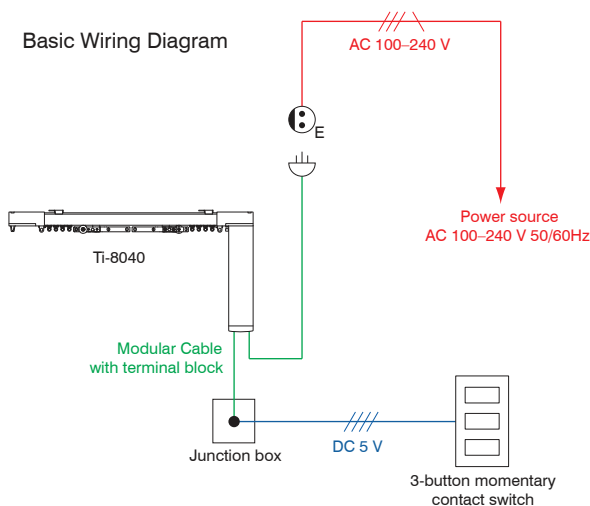


Operations and Connecting Diagrams

Wire	3 Lines	4 Lines	5 Lines
	Live, Neutral, Earth	Neutral, Up, Down, Earth	Live, Neutral, Up, Down, Earth
Contact	Dry	Wet	Dry / Wet
FM Remote	○	○	○
Slow Stop	○	—	○
Touch Motion	○	○	○

When using a dry contact (no-voltage) switch *Power line 3-core type

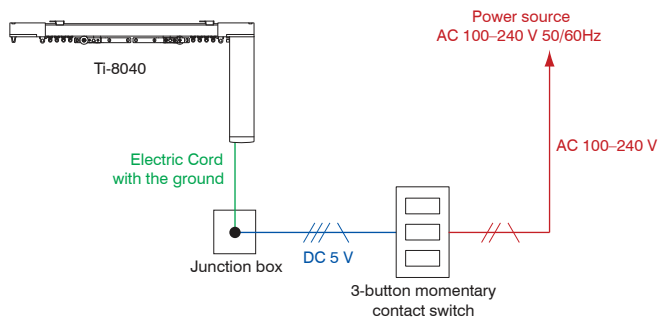
Single Operation



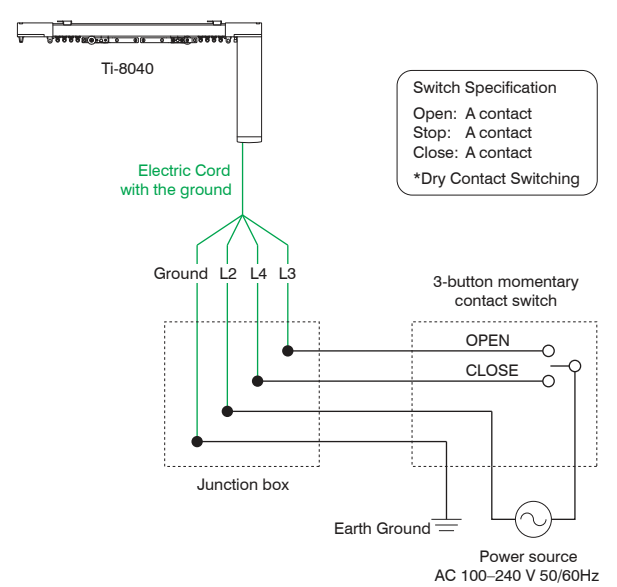
When using a wet contact (high voltage) switch *Power line 4-core type

Single Operation

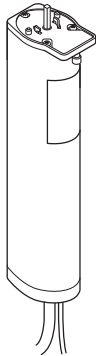
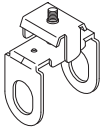
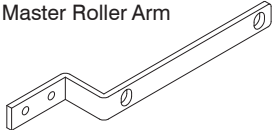
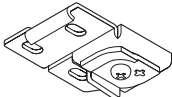
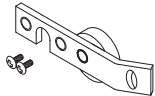
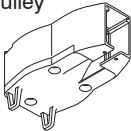

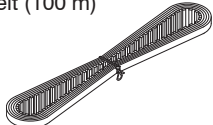
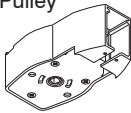
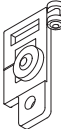
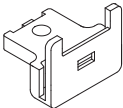
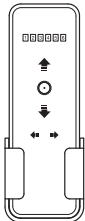
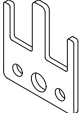
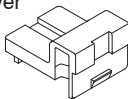
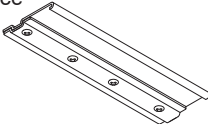

Basic Wiring Diagram



Basic Connecting Diagram



Ti-8040 Parts

Product Name	Product Code	Product Name	Product Code	Product Name	Product Code
Ti-8040 Motor Set 	30006904	Stop 	04990022	Master Roller Arm 	30006882
		Ceiling Single Bracket M 	30006884	Pilot Roller Plate with Wheel 	04990013
End Side Pulley 	30006881	Noiseless Roller 	04990006	Drive Belt (100 m) 	30006883
Motor Side Pulley 	30006880	Pilot Roller 	04990007	Belt Joint 	04990009
FM Remote-Control Transmitter (6 channels) 	30006891	Joint Plate 	04990011	Belt Joint Cover 	04990010
				OT Splice 	04990020
				Splice Pin 	04990021