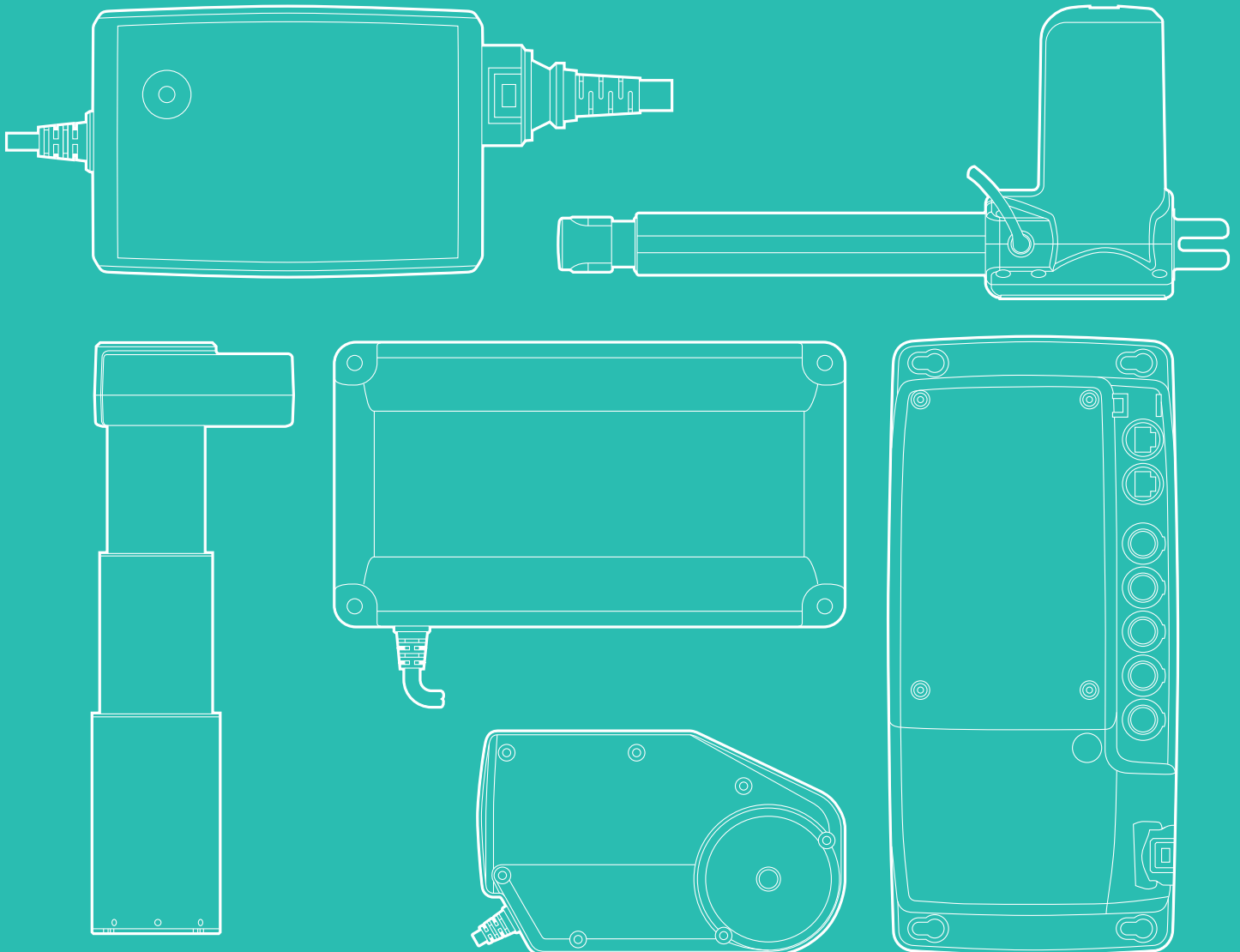


TiMOTION CARES ABOUT WHAT YOU NEED

**Choose TiMOTION, enjoy more
Flexibility, Customized Products,
and Tailor-Made Services**



99%

of TiMOTION's customer application requirements can be solved by our experienced personnel providing highly customized solutions.

101%

TiMOTION guarantees complete customer satisfaction by providing a competitive packaged actuator solution coupled with a wide range of high quality products, global service networks and "on demand" R&D resources.

Your BEST choice of actuation system for medical applications

With an aging population and increasing healthcare needs, the medical segment is seeking the best solutions that can improve the stay in a hospital for patients and staff. Our Care Motion product line offers a complete range of products that satisfies specific and demanding requirements of medical applications.

High Customization with Complete Flexibility

Whether you are looking for a specific actuator with unique spec, having special software function, or even hoping to design special user interface on the handset, you have come to the right place. With dedicated R&D resources, we can design what you need upon individual requests. More importantly, the average software development time is within 7 working days (note 1) which will help your new products to be released to the market on time.

Note 1: the real development time is decided by the complexity of customer's projects.



Comply with Strict Medical Standards

Most of our Care Motion products comply with strict medical standards. Not only do we provide high quality products but we also provide products supported by authentic certification. At the moment, our Care Motion products even have passed IEC60601-1 (3rd Safety Requirements for Medical Electrical Systems) certification.



With Bus System Protocol

T-Bus is a communication protocol, specially designed for medical applications that allows communication between various accessories and our control system more seamlessly and smoothly. With our T-Bus protocol, the control system can be expanded and designed accordingly.



Introducing Stable and Sustainable Wireless Technology

We focus on high level communication protocols using small, low-power digital radios based on an IEEE 802.15.4 standard for specific area networks. Compared with other wireless networking systems, such as WiFi or Bluetooth, IEEE 802.15.4 is safer and more efficient to transmit wireless signals. More importantly, it complies with medical safety standards.



Enhancing Power Efficiency, and Embracing Green Power

Most of our control systems are equipped with SMPS design to leverage power efficiency. Besides, we have strong concern and conscience for the worldwide environment we live in. That is why we are dedicated in designing our products with low power consumption. Furthermore, we have started to develop control boxes in Ergo Motion with low standby power consumption (less than 0.1W). Our electric solutions can operate in a reduced capacity as they are turned off.



Bluetooth Control System with Mobile Devices

More and more mobile devices, either with an iOS or Android system, are becoming a trendy media that can work as a remote controller especially in a home care application. As an innovative solution provider, TiMOTION created this system to offer more alternatives when it comes to home care application.



Wireless Technology Implementation for Home Care Applications

When it comes to home care applications, wireless technology is a crucial factor for seamless digital communication which can help caregivers to control the medical devices remotely (within effective distance). The handset-TH30 is designed with a radio frequency based (RF) system, avoiding cable interference, and TRF2 serves as a RF receiver.



Multiple Choices of Nursing Panels

TiMOTION has several models with various sizes for customers to choose from. From compact sizes to advanced models with LCD monitor, we have a full range of nursing panels that can help caregivers manage the medical equipment more easily. All the nursing panels can have customized UI upon customer's requirements.



A Nurse Call System for Home Care Applications

By simply pressing a button of the TMH1, a patient can call on caregivers for prompt assistance whenever he or she needs help. The TNC is served as an emergency message receiver; besides, it can activate an alarm when the battery goes flat or the signal cannot be reached out of effective distance.



Working with 3rd Party Solutions, The Weight Measuring System

The weight measuring system solution is custom designed for hospital beds and long term care beds. Our nursing panel-TNP5 and load measuring devices-load cells* provide accurate load measurement with the patient in the bed.

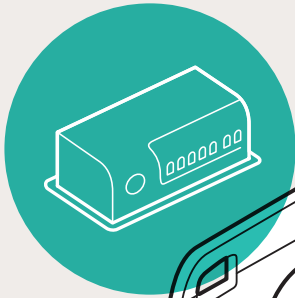
Note : Customers need to purchase load cells from the 3rd party. If you need a total solution, please contact with TiMOTION for further details.



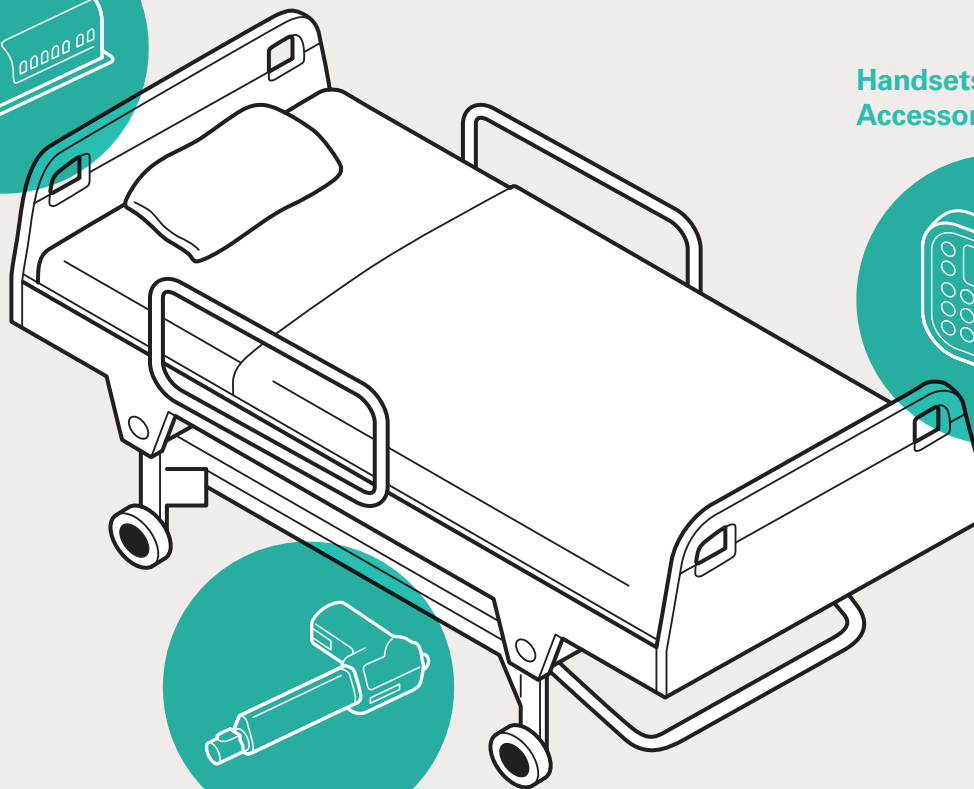
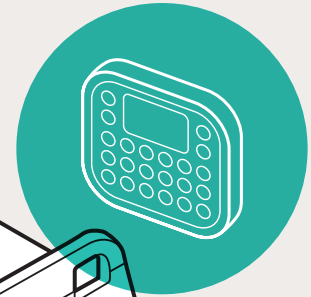
More than a single product, we provide you with a total solution

We understand most customers are confronted with critical challenges ahead and hope to obtain one single solution that can be perfectly customized upon their requests. This is why you need TiMOTION; we make your dreams into reality.

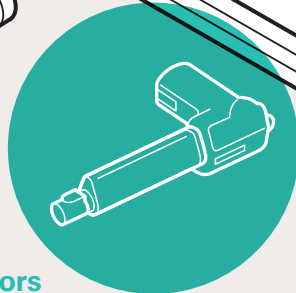
Control Systems



Handsets and Accessories



Actuators



Manual Crank Attachment for Unstable Electricity Source

Applied to where the electricity source is unreliable.

Manual Release Under Unstable Power Condition

Able to release the mechanism during emergency situations or when the power has been cut off.

Customized Handsets

- Some with LCD display (UI can be customized)
- With back up light to enhance safety
- Flexible key options
- Caster alarm

Out of Bed Detection

Automatically activate an alarm and keep the caregivers informed when the patient leaves the bed.

Flexible QR (Quick Release) Options

Cable or handle type.



Linear Actuator

TA1 SERIES

Maximum load
10,000N in push

Maximum load
4,000N in pull

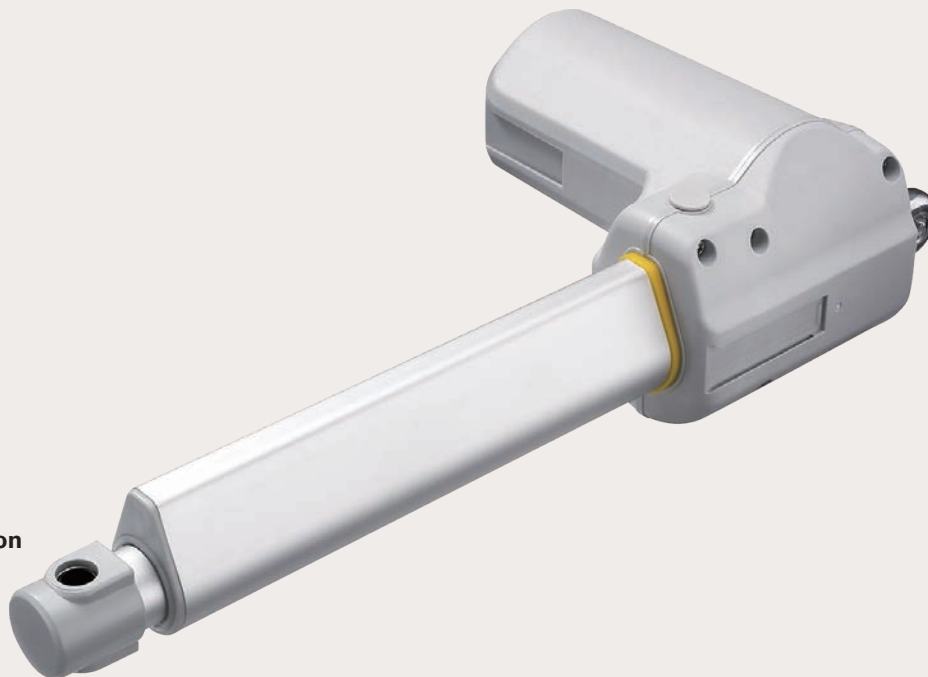
Maximum speed at no load
38.0mm/s

Maximum speed at full load
23.2mm/s

Minimum installation dimension
stroke+163mm

IP rating
up to IP66

Certificate
IEC60601-1, ES60601-1,
and RoHS compliant



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (2600RPM)						
C	5000	4000	2500	3.5	7.6	3.9
D	6000	4000	4000	3.5	5.5	2.9
F	2500	2500	1000	3.2	15.9	8.3
G	2000	2000	1000	3.2	19.8	11.1
H	1000	1000	500	2.1	29.3	19.1
J	3500	3500	3500	3.6	11.1	5.5
K	8000	4000	6000	4.0	5.0	2.5
Motor Speed (3400RPM)						
L	6000	4000	4000	4.2	7.0	3.9
N	2500	2500	1000	4.1	20.2	11.1
O	2000	2000	1000	4.0	25.3	14.9
P	1000	1000	500	3.0	38.0	23.2
Q	3500	3500	3500	4.6	14.3	7.6
R	8000	4000	6000	5.0	6.7	3.3
T	5000	4000	2500	4.2	10.1	5.1
Motor Speed (3800RPM)						
X	6000	4000	4000	4.4	8.3	5.2
Y	8000	4000	6000	5.3	7.7	4.4
B	10000	4000	10000	5.3	5.5	2.9

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.
- 3 If choosing #B, it must use iron inner tube and front attachment #5, and add additional 5mm retracted length.
- 4 The self locking force above needs to work with TiMOTION control system.

Linear Actuator

TA7 SERIES

Maximum load

10,000N in push

Maximum load

4,000N in pull

Maximum speed at no load

38.0mm/s

Maximum speed at full load

23.2mm/s

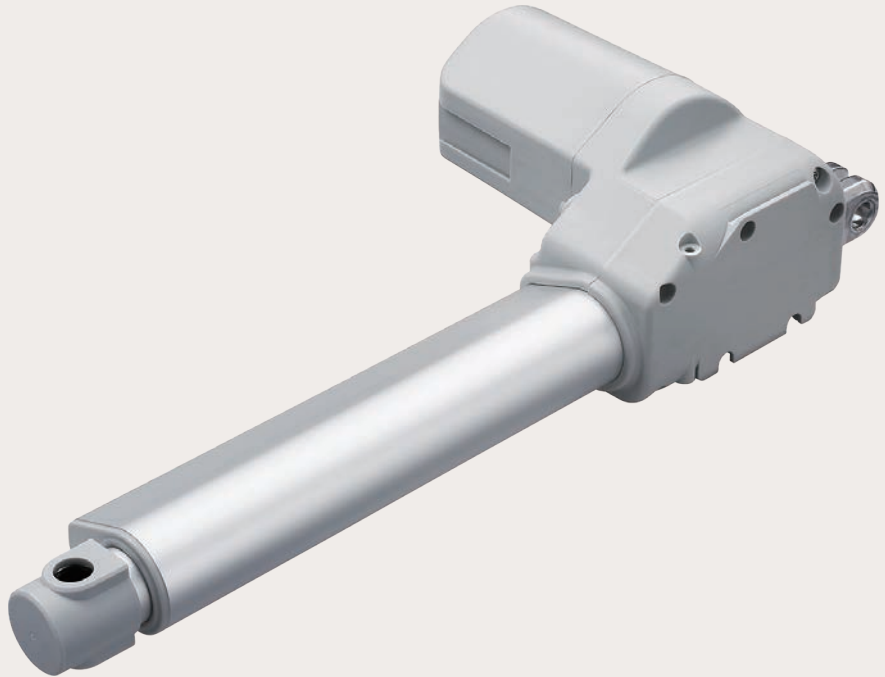
Minimum installation dimension

stroke+171mm

IP rating

up to IP66

Certificate

 IEC60601-1, ES60601-1,
and RoHS compliant


Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (2600RPM)						
C	5000	4000	2500	3.5	7.6	3.9
D	6000	4000	4000	3.5	5.5	2.9
F	2500	2500	1000	3.2	15.9	8.3
G	2000	2000	1000	3.2	19.8	11.1
H	1000	1000	500	2.1	29.3	19.1
J	3500	3500	3500	3.6	11.1	5.5
K	8000	4000	6000	4.0	5.0	2.5
Motor Speed (3400RPM)						
L	6000	4000	4000	4.2	7.0	3.9
N	2500	2500	1000	4.1	20.2	11.1
O	2000	2000	1000	4.0	25.3	14.9
P	1000	1000	500	3.0	38.0	23.2
Q	3500	3500	3500	4.6	14.3	7.6
R	8000	4000	6000	5.0	6.7	3.3
T	5000	4000	2500	4.2	10.1	5.1
Motor Speed (3800RPM)						
X	6000	4000	4000	4.4	8.3	5.2
Y	8000	4000	6000	5.3	7.7	4.4
B	10000	4000	10000	5.3	5.5	2.9

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.
- 3 The self locking force above needs to work with TiMOTION control system.

Linear Actuator

TA10 SERIES

Maximum load

6,000N in push

Maximum load

4,000N in pull

Maximum speed at no load

14.3mm/s

Maximum speed at full load

7.6mm/s

Minimum installation dimension

stroke+188mm

IP rating

up to IP66

Certificate

ES60601-1, and IEC60601-1
compliant

With manual crank function



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor speed (2600RPM)						
D	6000	4000	4000	3.5	5.5	2.9
J	3500	3500	3500	3.6	11.1	5.5
Motor speed (3400RPM)						
L	6000	4000	4000	4.2	7.0	3.9
Q	3500	3500	3500	4.6	14.3	7.6
Motor speed (3800RPM)						
X	6000	4000	4000	4.4	8.3	5.2

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.

Linear Actuator

TA12 SERIES

Maximum load

12,000N in push

Maximum load

6,000N in pull

Maximum speed at no load

57.0mm/s

Maximum speed at full load

32.0mm/s

Minimum installation dimension

stroke+210mm

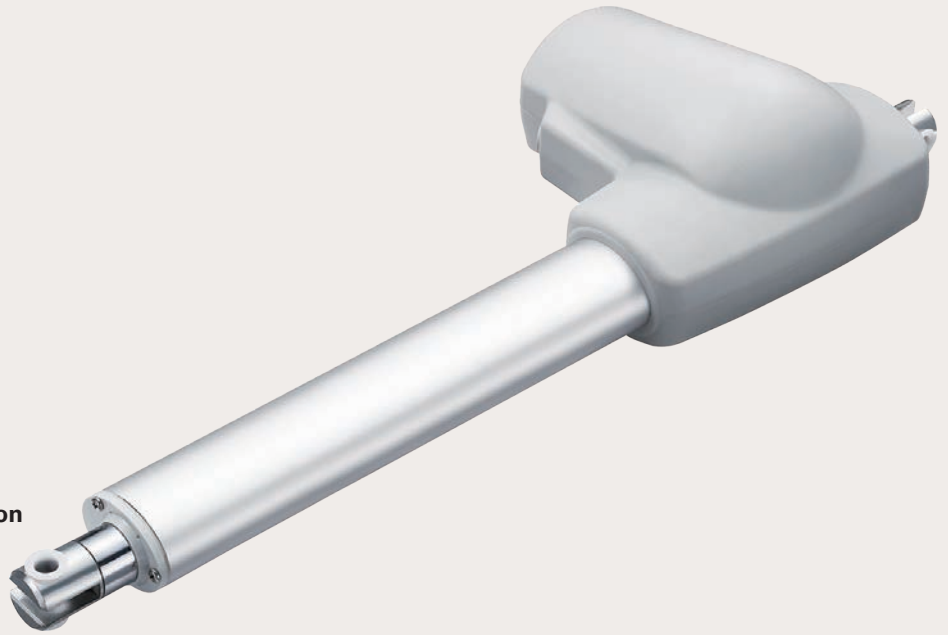
IP rating

up to IP66

Certificate

RoHS, ES60601-1 and IEC60601-1 compliant

Special design for patient hoist as a lifting actuator



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (3800RPM)						
A	10000	6000	10000	15.0	14.0	6.5
B	12000	6000	12000	10.0	7.0	4.0
C	7000	6000	7000	8.5	14.0	8.0
D	4000	4000	4000	8.5	28.0	16.0
E	2500	2500	2000	8.5	43.0	24.0
F	1500	1500	1500	8.5	57.0	32.0
Motor Speed (3000RPM)						
G	10000	6000	10000	10.0	11.0	5.3
H	12000	6000	12000	7.5	5.5	3.1
J	7000	6000	7000	6.5	11.3	6.4
K	4000	4000	4000	6.5	22.7	12.7
L	2500	2500	2000	6.5	34.0	19.1
M	1500	1500	1500	6.5	45.3	25.5

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption.
- 3 When choosing code #A or #G, one cannot choose voltage option “#1_12V”.

Linear Actuator

TA13 SERIES

Maximum load

8,000N in push

Maximum load

4,000N in pull

Maximum speed at no load

10.7mm/s

Maximum speed at full load

6.0mm/s

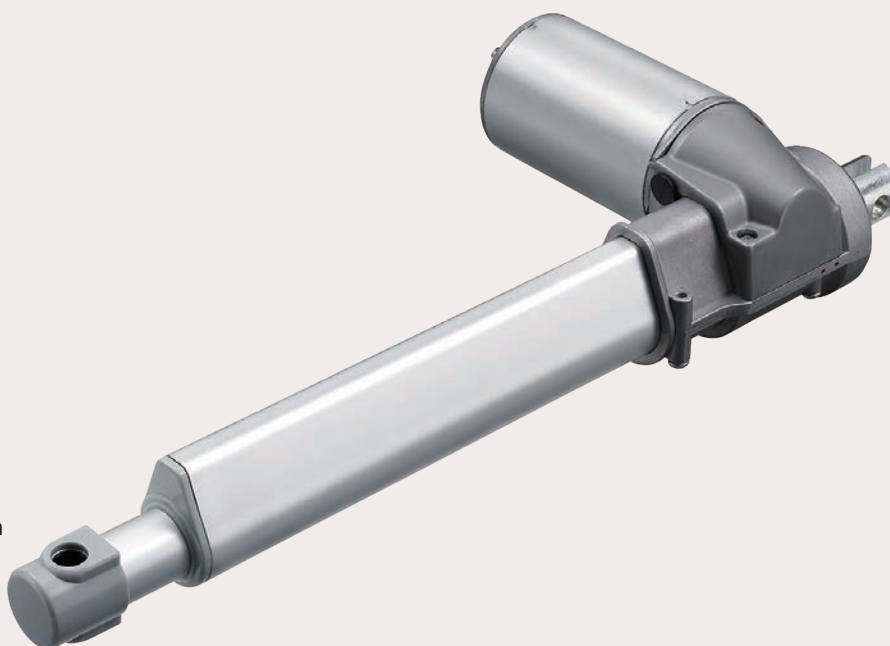
Minimum installation dimension

stroke+185mm

Certificate

ES60601-1 and IEC60601-1
compliant

Suitable for a dentist chair
application



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (3000RPM)						
T	8000	4000	8000	6.0	8.4	4.4
Motor Speed (4000RPM)						
C	8000	4000	8000	7.5	10.7	6.0

Note

1 The above are the speed and current figures under pushing condition.

Linear Actuator

TA15 SERIES

Maximum load

8,000N in push

Maximum load

4,000N in push

Maximum speed at no load

8.4mm/s

Maximum speed at full load

4.4mm/s

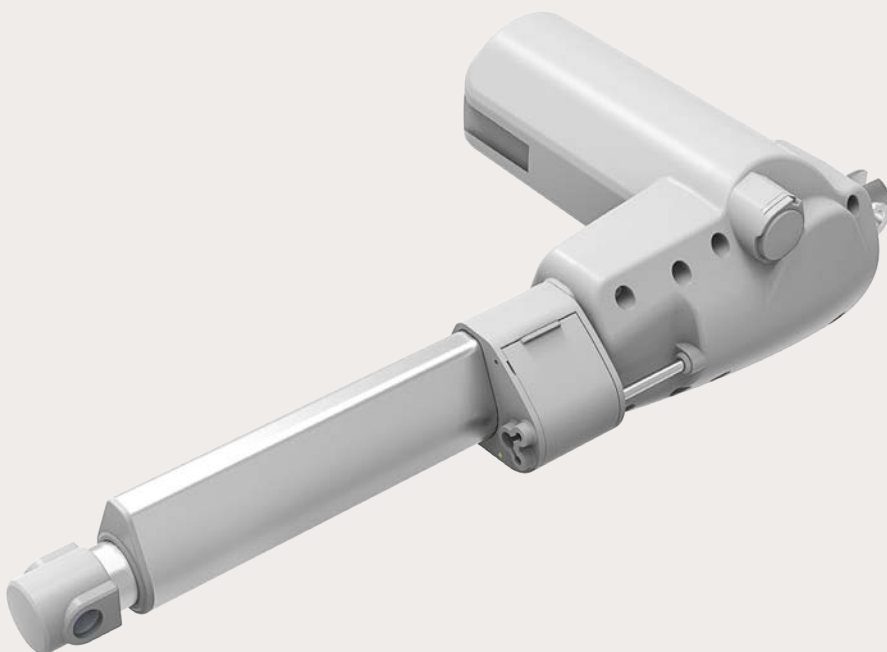
Minimum installation dimension

stroke+210mm

Color

black or grey

For bariatric bed application especially



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (3000RPM)						
T	8000	4000	8000	6.0	8.4	4.4

Note

1 The above are the speed and current figures under pushing condition.

Linear Actuator

TA16 SERIES

Maximum load

2,500N in push

Maximum speed at no load

16.6~18.8mm/s

Maximum speed at full load

9.4~11.2mm/s

Minimum installation dimension

stroke+112mm

(without output signals)

IP rating

up to IP66

Certificate

ES60601-1 and IEC60601-1

compliant

Low-noise, small size

for easy installation



Load and Speed

CODE	Rated Load	Self Locking N (PUSH/PULL)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH/PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (3800RPM)					
A	2500	2500	2.8	4.9~5.5	2.5~3.5
B	2000	2000	2.8	7.8~8.8	4.0~5.4
C	1500	1000	2.8	11.2~12.6	6.0~8.0
D	1000	1000	2.8	16.6~18.8	9.4~11.2

Linear Actuator

TA17 SERIES

Maximum load

2,000N in push and pull

Maximum speed at no load

25.0mm/s

Maximum speed at full load

15.5mm/s

Minimum installation dimension

stroke+217mm

IP rating

up to IP66

Certificate

ES60601-1 and IEC60601-1 compliant

An in-line actuator design with compact installation dimension



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (6000RPM)						
B	2000	2000	2000	2.0	8.4	4.5
C	1500	1500	1000	2.0	11.5	6.5
D	1000	1000	500	2.0	16.0	9.0
E	500	500	500	2.0	25.0	15.5

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.
- 3 The self locking force above needs to work with TiMOTION control system.

Linear Actuator

TA18 SERIES

Maximum load

4,500N in push

Maximum load

3,000N in pull

Maximum speed at no load

38.3mm/s

Maximum speed at full load

24.0mm/s

Minimum installation dimension

stroke+289mm

IP rating

Up to IP66

An in-line actuator design with
compact installation dimension



Load and Speed

CODE	Rated Load		Self Locking N (PUSH) with brake	Self Locking N (PUSH) without brake	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N				No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (3800RPM)							
B	4500	3000	4500	4500	3.5	6.8	3.2
C	3500	3000	3000	2500	3.2	9.7	4.8
D	2500	2500	2000	1500	3.2	13.3	6.2
E	1500	1500	1000	700	2.2	17.4	10.3
F	1000	1000	700	400	2.2	25.6	15.5
G	500	500	500	200	2.0	38.3	24.0

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.
- 3 The self locking force above needs to work with TiMOTION control system.

Linear Actuator

TA23 SERIES

Maximum load

8,000N in push

Maximum load

4,000N in pull

Maximum speed at no load

38.0mm/s

Maximum speed at full load

23.2mm/s

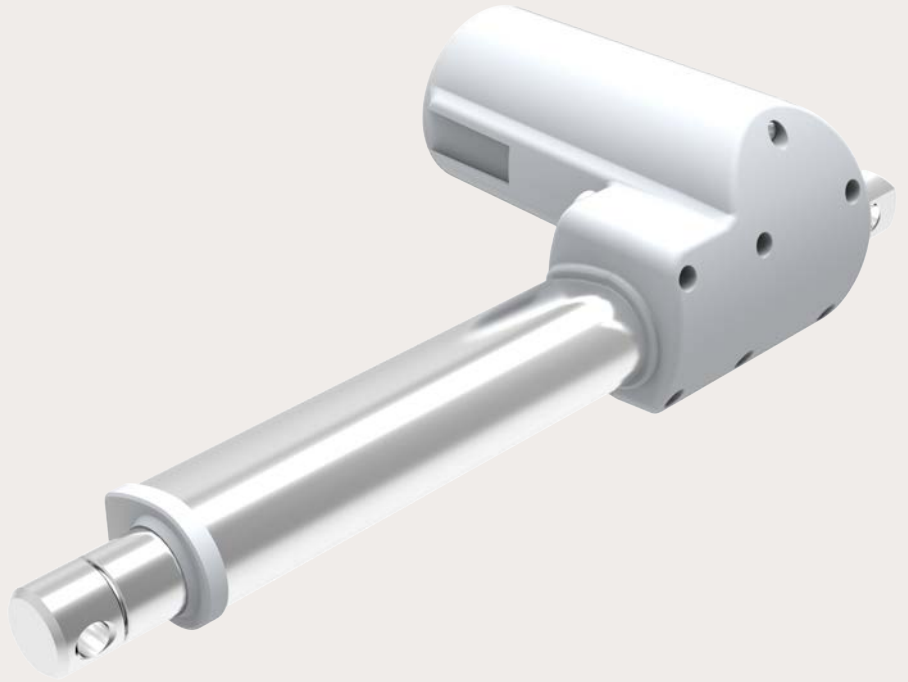
Minimum installation dimension

stroke+171mm

Certificate

RoHS and IEC60601-1 compliant

An economical solution with
compact installation dimension



Load and Speed

CODE	Rated Load		Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed	
	PUSH N	PULL N			No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Motor Speed (2600RPM)						
C	5000	4000	2500	3.5	7.6	3.9
D	6000	4000	4000	3.5	5.5	2.9
F	2500	2500	1000	3.2	15.9	8.3
G	2000	2000	1000	3.2	19.8	11.1
H	1000	1000	500	2.1	29.3	19.1
J	3500	3500	3500	3.6	11.1	5.5
K	8000	4000	6000	4.0	5.0	2.5
Motor Speed (3400RPM)						
L	6000	4000	4000	4.2	7.0	3.9
N	2500	2500	1000	4.1	20.2	11.1
O	2000	2000	1000	4.0	25.3	14.9
P	1000	1000	500	3.0	38.0	23.2
Q	3500	3500	3500	4.6	14.3	7.6
R	8000	4000	6000	5.0	6.7	3.3
T	5000	4000	2500	4.2	10.1	5.1
Motor Speed (3800RPM)						
X	6000	4000	4000	4.4	8.3	5.2
Y	8000	4000	6000	5.3	7.7	4.4

Note

- 1 The above are the speed and current figures under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption comparing 24V motor.
- 3 The self locking force above needs to work with TiMOTION control system.

Dual Motor

TT1 SERIES

Maximum load

6,000N in push

Maximum speed at no load

6.8mm/s

Maximum speed at full load

4.6mm/s

Stroke

87mm for backrest

69mm for footrest

Main voltage

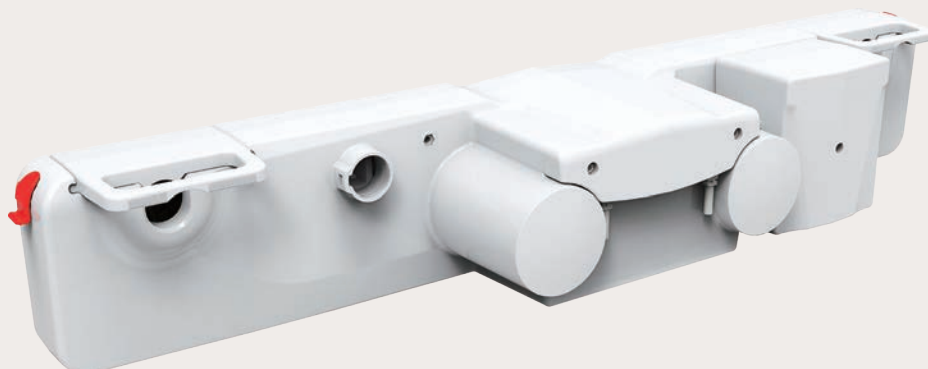
100~240V AC (input); SMPS 29V DC, 2.5A (output)

Accessory

Handset with T-bus function*

3x9V batteries or a rechargeable battery box

Note1 : T-Bus is a communication protocol, specially designed for medical applications, which allows communication between various accessories and our control system more seamlessly and smoothly.



Load and Speed

CODE	Rated Load	Typical Current at Rated Load (A)	Typical Speed	Rated Load (29V DC) mm/s
	PUSH N		No Load (29V DC) mm/s	
Motor Speed (2600RPM)				
D	6000	3.5	5.2	3.5
Motor Speed (3400RPM)				
B	6000	3.5	6.8	4.6

Gear Motor

TGM5
SERIES

Maximum speed
107RPM (±5%)
after gear reduction

Torque
15.0Nm after gear reduction

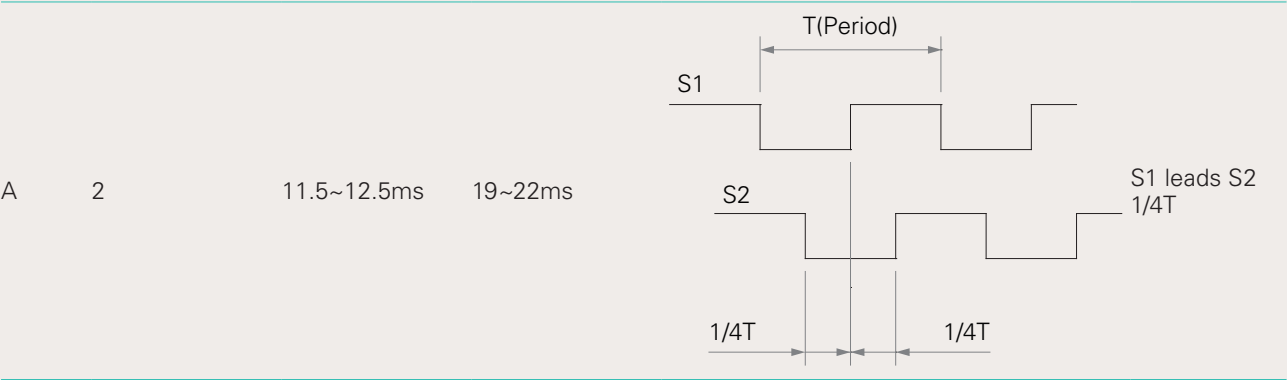
IP rating
up to IP66

Certificate
UL compliant (motor only)



Load and Speed

CODE	24V DC Motor Type (RPM)	Gear Ratio	Load (24V DC)			No Load (32V DC)	No Load (24V DC)
			Rated Current (A)	Rated Torque (Nm)	Rated Speed (RPM) ±5%	Speed (RPM) ±5%	Speed (RPM) ±5%
A	5844 (3800RPM)	47	8	15	60	107	80
CODE	Hall Sensor Output Parameters			Waveform		Phase Difference	
	Magnet Poles	T (Period) 32V No Load	T (Period) 24V Full Load	Two Hall Sensors			



Column

TL3 SERIES

Maximum load & self-locking

4,000N

Maximum speed at no load

39.0mm/s

Maximum speed at full load

24.0mm/s

Stroke

100~700mm

Dimension of cross section

177.4x150.7mm

Minimum installation dimension

stroke/2+150mm (if max. load=1,000/2,000N)

stroke/2+220mm (if max. load= 4,000N)

Certificate

ES60601-1 and IEC60601-1 compliant

2 power cable layout options

from top or bottom

With a high bending load resistance
and low operating current



Load and Speed

CODE	Rated Load PUSH N	Dynamic Bending Moment (NM)	Self Locking N (PUSH)	Typical Current at Rated Load (A)	Typical Speed No Load (32V DC) mm/s	Rated Load (24V DC) mm/s
Standard Motor (2200RPM)						
B	4000	1000	4000	5.5	14.5	7.6
C	2000	500	2000	3.5	22.0	13.0
D	1000	500	1000	3.1	39.0	24.0
Fast Speed (2800RPM)						
E	4000	1000	4000	7.2	18.5	11.0
F	2000	500	2000	5.3	37.0	23.5

Note

- 1 The figures are the speed and current information under pushing condition.
- 2 Speed would be the same if with 12V motor, but with double current consumption.

Column

TL8
SERIES

Maximum load
2,000N in push

Maximum load
500N in pull

Maximum speed at no load
24.4mm/s

Maximum speed at full load
18.0mm/s

Stroke
400mm

Dimension of outer tube
Ø124.4mm

Minimum installation dimension
350 or 370mm

Certificate
IEC60601-1 compliant



Load and Speed

CODE	Rated Load		Without Brake		With Motor Brake		Typical Speed	
	PUSH N	PULL N	O		M		No Load (24V DC) mm/s	Rated Load (24V DC) mm/s
			Self Locking N (PUSH)	Typical Current at Rated Load (A)	Self Locking N (PUSH)	Typical Current at Rated Load (A)		
Motor Speed (2600RPM)								
A	2000	500	1500	4.0	2000	4.5	12.2	9.5
B	1000	500	500	4.0	1000	4.5	24.4	18.0



TC1 series



TC8 series



TC10 series



TC12 series



TC14 series

Control Box

TC1 SERIES

Number of actuators 1~4

IP rating up to IP66

Built-in transformer type

El, toroidal, or SMPS

Maximum output 29V DC, 6A

Certificate

IEC60601-1, ES/UL60601-1, FCC,
RoHS and PSE compliant

TC8 SERIES

Number of actuators 1~7

Number of handsets 1~3

IP rating up to IP66

Maximum output 30V DC, 6A

Certificate

CB, ES and EN 60601-1 compliant

TC12 SERIES

Number of actuators 1~3

IP rating IPX4

Output 24V DC

Certificate

ES60601-1 and RoHS compliant

With LCD display (optional), battery
box, and emergencies stop button

With wall mount battery charger or
battery charger dock

TC10 SERIES

Number of actuators 1~5

IP rating up to IP66

Built-in transformer type

El, toroidal or SMPS

Maximum output 29V DC, 5A

Certificate

IEC60601-1, ES60601-1,
and RoHS compliant

TC14 SERIES

Number of actuators 1~4

IP rating Up to IP66

Maximum output 30V DC, 6A

Certificate

IEC 60601-1 compliant



TBB series



TBB2 series



TBB4 series

Back-Up Power

TBB SERIES

Capacity 2.0Ah

Input voltage 29~45V DC

Output voltage 24V DC, 2A

IP rating Up to IP66

TBB2 SERIES

Capacity 1.2Ah

Input voltage 29~45V DC

Output voltage 24V DC, 1.2A

IP rating Up to IP66

TBB4 SERIES

Capacity 1.2 or 2.0Ah

Input voltage 29~45V DC

Output voltage
24V DC, 1.2A / 24V DC, 2A

With on/off function, it's able to keep or stop discharging



TP4 series



TP6 series



TP8 series



TP9 series

Power Supply

TP4 SERIES

Type EI, toroidal or SMPS

Input voltage

100V AC, 120V AC, 230V AC,
or 100~240 V AC (SMPS)

Maximum output 29V, 5A

IP rating Up to IP66

Certificate

IEC60601-1 and ES60601-1 compliant

TP8 SERIES

Type SMPS

Input voltage 100~240V AC

Maximum output 29V, 2.5A

IP rating Up to IP66

Certificate

CB, ES/EN60601-1, and IEC60601-1

Wall mount design

TP6 SERIES

Type SMPS

Input voltage 100~240V AC

Maximum output 31.5V, 5A

IP rating Up to IP66

Certificate

ES60601-1 and IEC60601-1 compliant

TP9 SERIES

Type SMPS

Input voltage 100~240V AC

Maximum output 29V, 2.5A

IP rating Up to IP66

Certificate

CB, ES/EN60601-1, and IEC60601-1



TH1 series



TH2 series



TH7 series



TH10 series



TH12 series



TH21 series

Control

TH1 SERIES

Connected actuators 1~4

Maximum available buttons 10

Color black or grey

IP rating up to IP66

Certificate RoHS compliant

TH2 SERIES

Connected actuators 1~4

Maximum available buttons 10

Color black or grey

IP rating up to IP66

Other option safety key

TH7 SERIES

Connected actuators 1~4

Maximum available buttons 10

Color black or grey

IP rating up to IP66

Option safety key

TH10 SERIES

Connected actuators 1~4

Maximum available buttons 10

Color black or grey

IP rating up to IP66

Back light available

TH12 SERIES

Connected actuators 1~4

Maximum available buttons 12

Color black or grey

IP rating up to IP66

Certificate RoHS compliant

Back light available

TH21 SERIES

Connected actuators 1~3

Maximum available buttons 10

Color black or grey

IP rating up to IP66

Design for direct cut current system
(no need for control box)



TH24 series



TH26 series



TH30 series



TNP2 series



TNP3 series



TNP4 series

Control

TH24 SERIES

Connected actuators 1~3

Maximum available buttons 6

Color grey

IP rating up to IP66

TH26 SERIES

Connected actuators 1~3

Maximum available buttons 6

Color black or grey

IP rating up to IP66

Options back light

TH30 SERIES

Connected actuators 1~4

Maximum available buttons 10

Certificate

IEC 60601-1 compliant

Design with a RF system

TNP2 SERIES

Maximum available buttons 17

Control up to 7 channels
in connection with TC8

Can be used as lock-out box

Mounted into side rail directly

IP rating up to IP66

Option back cover

TNP3 SERIES

Maximum available buttons 11

Control up to 7 channels
in connection with TC8

Can be used as lock-out box

IP rating up to IP66

Certificate RoHS compliant

TNP4 SERIES

Maximum available buttons 15

Control up to 7 channels
in connection with TC8

IP rating up to IP66

Mounted into side rail
or foot board directly

Can be used as lock-out box



TMH1 series



TMH5 series



TNP1 series



TNP5 series



TNP6 series



TFH1 series

TMH1 SERIES

Maximum available buttons 10

For a home care application

Working with TNC, an emergency message receiver

A patient can call on caregivers for prompt assistance

TMH5 SERIES

With 3.5 inches LCD display, showing all the data and bed condition

Color black or grey

IP rating up to IP66

TNP1 SERIES

Maximum available buttons 27

Control up to 7 channels in connection with TC8

Can be used as lock-out box

Can hook on the rail

IP rating up to IP66

Certificate RoHS compliant

TNP5 SERIES

Maximum available buttons 25

Control up to 7 channels in connection with TC8

IP rating up to IP66

Can hook on the rail

With 3.5 inches LCD display, showing all the data and bed condition

TNP6 SERIES

Maximum available buttons 17

Control up to 7 channels in connection with TC8

IP rating up to IP66

Can hook on the rail

Option safety key

TFH1 SERIES

Maximum available buttons 12

Flexible gooseneck

IP rating up to IP66

Can be fixed on the head board or side rail

Option reading light



TFS series



TFS2 series



TFS3 series



TFS6 series

Control

TFS SERIES foot switch

Anti-slipping paddle
Compatible with all control
boxes of TiMOTION

TFS2 SERIES foot switch

Foot switch for medical application
Maximum available buttons 6
IP rating up to IP66

TFS3 SERIES foot switch

Maximum available buttons 2
IP rating up to IP66
Option can operate without cable

TFS6 SERIES foot switch

Maximum available buttons 10
IP rating up to IP66
Option can operate without cable



TAB series



TBL series



TEB series



TES series



TJB3 series

Accessory

TAB SERIES alarm buzzer

TBL SERIES bed bottom light

Comprised of 10 or 15 pcs
small LED

2xM5 holes for installation

Low power consumption 0.8W

TEB SERIES emergency button

Push for emergency stop

Twist-to-reset

TES SERIES external switch

External switch to control
the movement of actuators

TJB3 SERIES junction box

A signal switch box

Support max. 2 membrane switches,
25 buttons, and 18 indicator lights

Certificate RoHS compliant



TLB series



TNC series



TRF2 series



TSS series

Accessory

TLB SERIES lock box

An actuator lock box
and handset hub

Suitable for nurse or attendant
safety control

TNC SERIES nurse call

An emergency message receiver

Work with the handset-TMH1,
suitable for home care applications

TRF2 SERIES RF receiver

An RF receiver, compatible with
the handset TH30

Suitable for home care applications

TSS SERIES safety strip

Control the movement of actuators

Customized length
or number of sections

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