



PROTOS

THE APEX SOLUTION



ATLAS

ELECTRIC CHAIN HOISTS

Premium Lifting, Smart Pricing

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PROTOS presents: The All-New ATLAS Series

Premium Electric Chain Hoists. European Design. Built to Perform.

Your New Lifting Standard

The ATLAS Series from PROTOS sets a new benchmark in electric chain hoists. Combining **European engineering, rugged durability** and **outstanding value**, ATLAS hoists are purpose built for **rigging, staging and industrial applications**. Certified to meet international standards including DIN, CE, FEM and SQP2, ATLAS delivers **exceptional reliability, safety and performance**, all at a **highly competitive price**.

Key Features

- **IP65 Rated Protection**
Fully sealed against dust and waterproof. Ideal for demanding environments
- **D8 & D8+ Compliant**
Meets entertainment industry safety standards
- **Direct & Low Voltage Control**
Flexible, safe operation in all conditions
- **Standard External limit switches**
Protecting slip clutch, ensuring longer lifetime and safe operations
- **Standard Swivel Hooks**
Increases rigging flexibility and ease of use
- **3-Year Warranty**
Ensures PROTOS's high-quality standards
- **Robust European Design**
Engineered for durability, reliability and easy maintenance
- **Smart Pricing**
Competitive pricing without compromising on quality

Available Models & Capacities

- 250 kg
- 500 kg
- 1000 kg
- 2000 kg

All models available in both D8 and D8+ configurations

Why Choose ATLAS?

Wherever you lift, whether in theatres, concert venues, touring productions or industrial environments, the ATLAS Series delivers:

- **Professional performance**
- **Uncompromising safety**
- **Premium lifting, smart pricing**

ATLAS Model S

Ultra Compact, 250 kg Lifting Capacity

The ATLAS S is the most compact model in the PROTOS ATLAS lineup, engineered to deliver exceptional performance in a small, rugged form. The 5-pocket load wheel ensures safe and smooth operation. The specially designed nylon chain guide prevents the chain from getting entangled and guarantees minimal wear. Despite its size, it handles demanding lifting tasks with ease, making it the ideal choice for professionals who value power, safety and efficiency.

Built to the D8+ standard, the ATLAS S+ features:

- A **dual brake system**
- An **8:1 safety factor**

These ensure superior safety and reliability, even under challenging conditions.

Key Features

- **IP65-rated** for all-weather, outdoor use offering optimum protection even under harsh conditions
- **Eco-friendly 0.18 kW electric motor**, energy-efficient yet powerful performance
- **Swivel hooks** that allow hassle free load alignment
- **Weatherproof nylon chain bag**
- **Ergonomic handles** for comfortable handling
- **Maintenance-free gearbox**

Whether on stage, in industrial settings, or for outdoor events, the **PROTOS ATLAS S** is your compact solution for premium lifting performance.



Model S ⁺	D8+
Lifting Capacity	250 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.18 kW
Current at Full Load	0.9 A
Classification DIN EN 14492(FEM)	M5
Duty Factor	40%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	5 x 15mm
Number of Chain Falls	1
Chain Weight Per Meter	0.52 kg
Self Weight Hoist Body	14 kg
Hoist Control Type	DC
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	/
Low Voltage Control Voltage	/
Double Brake	Standard
Body Size	A

Model S ⁺⁺	D8+
Lifting Capacity	250 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.18 kW
Current at Full Load	0.9 A
Classification DIN EN 14492(FEM)	M5
Duty Factor	40%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	7.1 x 21 mm
Number of Chain Falls	1
Chain Weight Per Meter	1.1 kg
Self Weight Hoist Body	26 kg
Hoist Control Type	LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16 A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	B

See page 15 for dimensional drawings.

ATLAS Model M

Compact, yet powerful, 500 kg Lifting Capacity

The PROTOS ATLAS M delivers robust performance in an exceptionally lightweight and compact design, ideal for touring, installations and production environments where every kilogram and centimeter count. The ATLAS M is available in three different versions and two body types, which enables the hoist to be used for direct control and low voltage control.

Key Features

Lifting Capacity:	500 kg
Body Sizes:	2 available sizes
Control Options:	Direct control (DC) or Low Voltage (LV)
Self-Weight:	12 kg/26 kg, depending on body model
Lifting Speed:	4 m/min
Chain Bag:	Durable polyester chain bag included
Ingress Protection:	IP65
Hook:	Standard swivel hook
Chain:	Configuration Single fall
Chain Wheel:	5-pocket load wheel
Chain Guide:	Patented nylon chain guide
Braking System:	Reliable spring-loaded DC brake
Lifting Height:	Custom lengths available

Why Choose Atlas M?

- Lightweight, yet powerful, ideal for touring & tight installations
- Premium build with smart features, including IP65, 5-pocket wheel & dual brake (D8+)
- Flexible control options for a variety of rigging environments
- Competitive pricing without compromising on quality



Model M	D8
Lifting Capacity	500 kg
Chain Safety Factor	5:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.37kW
Current at Full Load	1.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	5 x 15mm
Number of Chain Falls	1
Chain Weight Per Meter	0.52 kg
Self Weight Hoist Body	12 kg
Hoist Control Type	DC
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	/
Low Voltage Control Voltage	/
Double Brake	Standard
Body Size	A

Model M ⁺	D8+
Lifting Capacity	500 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.37 kW
Current at Full Load	1.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	5 x 15 mm
Number of Chain Falls	1
Chain Weight Per Meter	0.52 kg
Self Weight Hoist Body	15 kg
Hoist Control Type	DC
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	/
Low Voltage Control Voltage	/
Double Brake	Standard
Body Size	A

Model M ⁺⁺	D8++
Lifting Capacity	500 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.37 kW
Current at Full Load	1.5 A
Classification DIN EN 14492(FEM)	M5
Duty Factor	40%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	7.1 x 21mm
Number of Chain Falls	1
Chain Weight Per Meter	1.1 kg
Self Weight Hoist Body	26 kg
Hoist Control Type	DC/LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	B

See page 15 for dimensional drawings.

ATLAS Model L

Compact Powerhouse with 1000 kg Lifting Capacity

The PROTOS ATLAS Model L is a compact yet powerful hoist designed to deliver outstanding performance in a small package. With a lifting capacity of 1000 kg, this hoist is engineered for demanding tasks while remaining incredibly easy to handle.

Featuring a lightweight aluminum body, the ATLAS L weighs only 27 kg, making it one of the lightest in its class and ideal for mobile applications and modern rental fleets.

Available with direct control or low voltage control, and compatible with D8 and D8+ rigging standards, the ATLAS L offers flexibility for a wide range of professional applications. It comes standard with External limit switches for added safety and control.

Key Features

- Single fall configuration
- IP65-rated for trouble-free outdoor use in any weather conditions
- Equipped with the patented PROTOS ATLAS nylon chain guide for smooth and reliable chain movement
- Powered by a 0.75 kW electric motor, ensuring low energy consumption and quiet operation at just 65 dB

Whether for event rigging, industrial lifting or rental use, the PROTOS ATLAS Model L delivers strength, reliability and ease of use, all in a remarkably compact form



Model L	D8
Lifting Capacity	1000 kg
Chain Safety Factor	5:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.75k W
Current at Full Load	2.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	7.1 x 21 mm
Number of Chain Falls	1
Chain Weight Per Meter	1.1 kg
Self Weight Hoist Body	27 kg
Hoist Control Type	DC/LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16 A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	B

Model L ⁺	D8+
Lifting Capacity	1000 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	0.75 kW
Current at Full Load	2.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	7.1 x 21 mm
Number of Chain Falls	1
Chain Weight Per Meter	1.1 kg
Self Weight Hoist Body	27 kg
Hoist Control Type	DC/LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16 A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	B

See page 15 for dimensional drawings.

ATLAS Model XL

The XL compact heavy weight champ of the ATLAS Series

As the name suggests, the PROTOS ATLAS XL is the strongest hoist in the ATLAS range. With an impressive lifting capacity of 2000 kg, it is available in both D8 and D8+ configurations, making it ideal for the most demanding applications, from large line arrays to massive LED walls. It is available in one body size (C).

Despite its power, the ATLAS XL remains incredibly lightweight. At just 45 kg, it is the lightest 2-ton hoist on the market. Its compact design, single fall configuration, and 4 m/min lifting speed ensure both performance and ease of handling. Like all ATLAS models, the XL is built for real-world use.

Key Features

- Ultra-low noise level of only 65 dB
- IP65 rating for all-weather, outdoor performance
- Comes standard with an all-weather chain bag, swivel hook, and external limit switches

The ATLAS XL offers an unmatched ratio of weight to lifting capacity, making it the ideal solution for professional rigging environments that demand both strength and portability.



Model XL	D8
Lifting Capacity	2000 kg
Chain Safety Factor	5:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	1.5 kW
Current at Full Load	4.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	10 x 30 mm
Number of Chain Falls	1
Chain Weight Per Meter	2.19 kg
Self Weight Hoist Body	45 kg
Hoist Control Type	DC/LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16 A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	C

Model XL ⁺	D8+
Lifting Capacity	2000 kg
Chain Safety Factor	8:1
Lifting Speed	4 m/min
Operating Voltages	3Ph 400 V 50 Hz
Protection Class	IP65
Motor Power	1.5 kW
Current at Full Load	4.5 A
Classification DIN EN 14492(FEM)	M3
Duty Factor	25%
Noise Level	65 dBA
Load Wheel	5-Pocket Wheel
Load Chain acc. EN 818-7	10 x 30 mm
Number of Chain Falls	1
Chain Weight Per Meter	2.19 kg
Self Weight Hoist Body	50 kg
Hoist Control Type	DC/LV
Limit Switch Types	External limit switch
Power Connector Type	CEE Black 16 A 4P
Control Connector Type	CEE Yellow 16 A 4P
Low Voltage Control Voltage	24 V
Double Brake	Standard
Body Size	C

See page 15 for dimensional drawings.

Standard **Features/Accessories**



Brake

- DC electromagnetic brake(s)
- Reliable double spring loaded brakes
- Compact structure
- Low noise level



Swivel suspension hook

- Standard available on all model hoist bodies and load chain
- Safety latch
- Easy alignment of loads



Chain guide

- Robust nylon design
- Protecting chain
- Jam free operation
- Easy to replace
- Patented design
- No special tools required



External limit switches

- Micro switch operated upper and lower limit switch
- Quick and easy adjustment, exact repeating
- Water proof
- Easily accessible



5 pocket load wheel

- Smooth and silent operation
- Prevents excessive chain wear
- Easily accessible, no special tools required
- Standard on all ATLAS hoist models



IP65

- Ingress protection rating IP65 on all ATLAS models
- Full protection against strong water sprays and dust for worryless outdoor use



Flightcases

- Available for the entire ATLAS range
- Solid and robust design
- Smart pricing



Cables

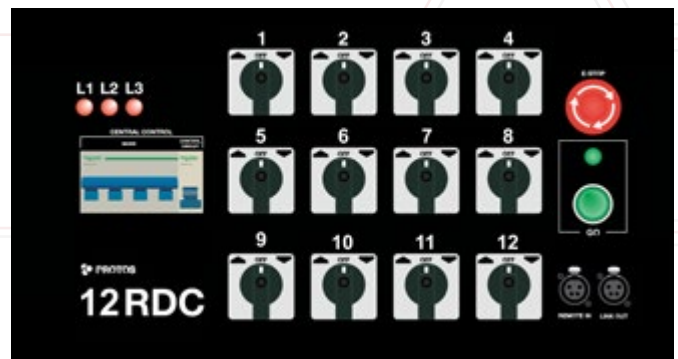
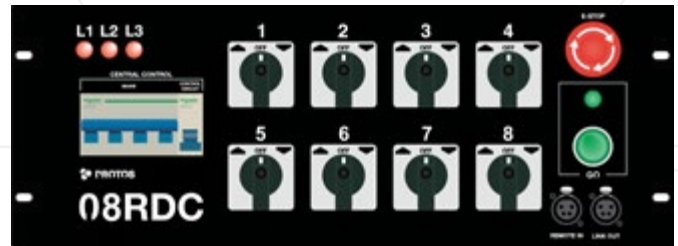
- Various lengths motor and power cables available
- Equipped with CEE connectors
- Harting and Socapex connectors available for multicables
- Break-in & break-out boxes

Controllers

PVC-04/08/12RDC

19" rackmount controllers, 4, 8 & 12 channel versions, Direct Control, Low Voltage controllers available upon request.

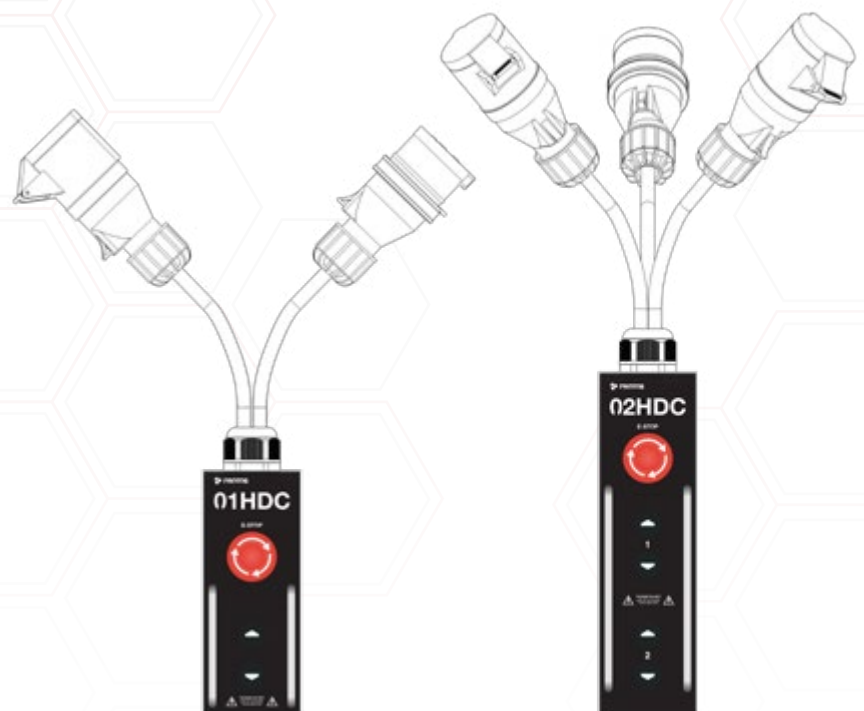
- Individual channel selections
- E-stop
- Run button
- Linkable
- Optional remote control
- Electric circuit control
- Operating voltage: 3Ph 400 V 50 Hz, 10 A/Ph
- Max load per switch: 1.5 A at 400 V
- Breaker type: 16 A (04CH), 25 A (08CH), 32 A (12CH)
- Protection class: IP20
- Power connector type: CEE 32A 5P
- Control connection type: CEE 16A 4P / 16P, Harting/Socapex
- Phase indication
- Max ambient temp: 40 °C
- Dimensions (04CH): 482 x 178 x 255 mm
- Dimensions (08CH): 482 x 178 x 255 mm
- Dimensions (12CH): 482 x 266 x 255 mm
- Weight: 9.7 kg (04CH) 10.7 kg (08CH) 12.5 kg (12CH)



PVC-01/02HDC

Handheld controller 1 & 2 channel versions, Direct Control.

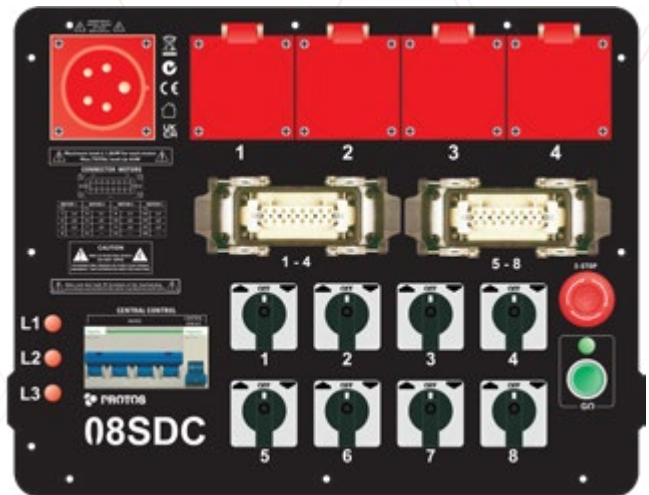
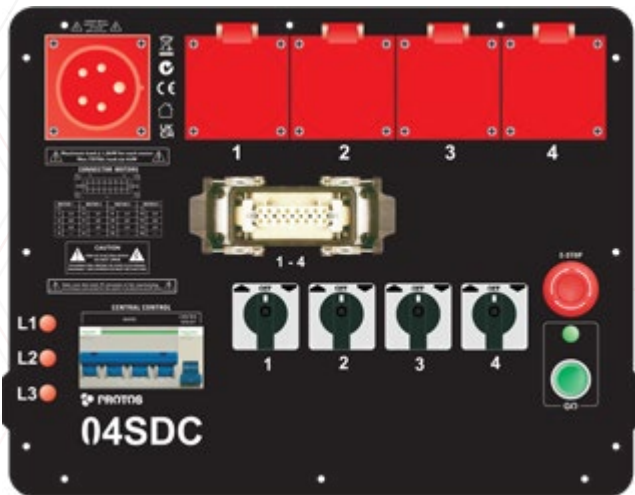
- Run button(s) up/down
- E-stop
- Operating voltage: 3Ph 400 V 50 Hz
- Max current: 10 A
- PVC-01 HDC - CEE 16 A 5P connector
- Protection class: IP20
- Power connector type: CEE 16 A 5P male
- Control connection type: CEE 16 A 4P female
- PVC-02 HDC - CEE 32 A 5P connector



PVC-04/08SDC

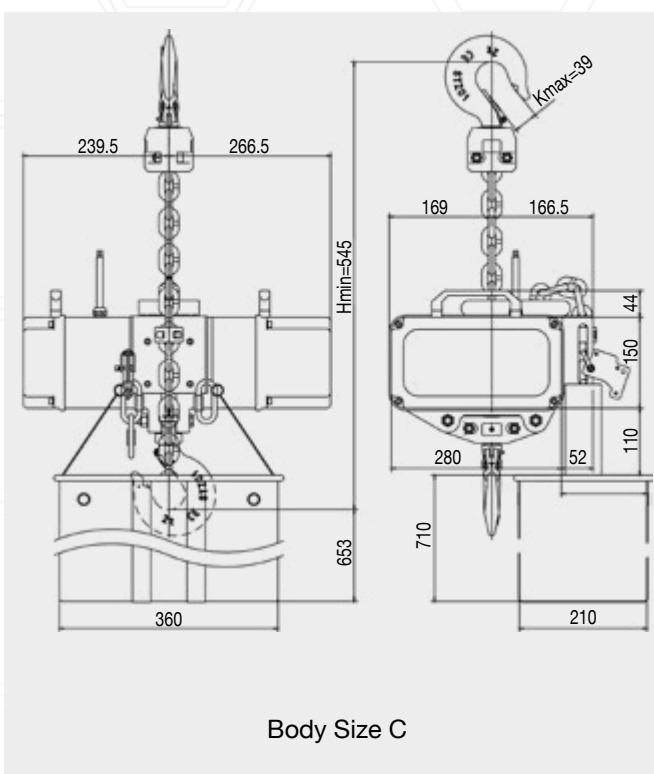
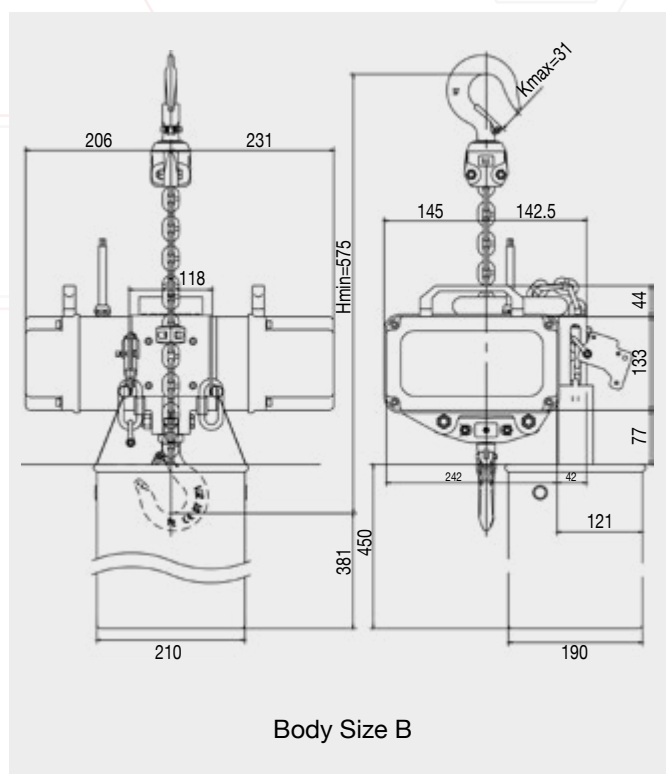
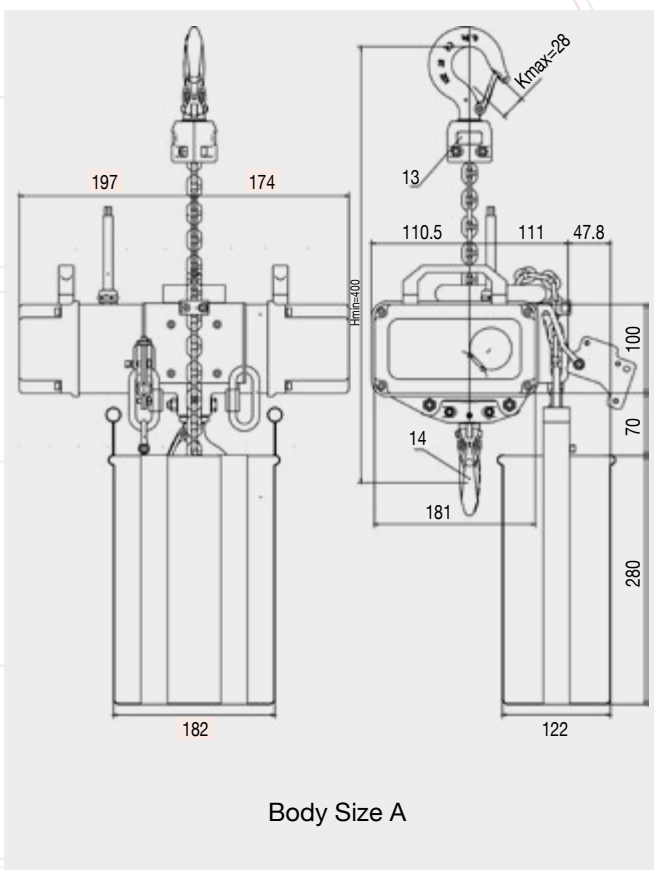
Suitcase controller, 4 and 8 channel versions,
Direct Control.

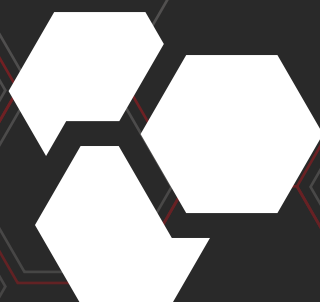
- Individual channel selections
- E-stop
- Run button
- Remote control and link options available
- Electric circuit control
- Operating voltage: 3Ph 400 V 50 Hz, 10 A per phase
- Max load per switch: 1.5 A at 400 V
- Protection class: IP20
- Breaker type: 16 A (04CH), 25 A (08CH)
- Power connector type: CEE 16 A 5P, Harting
- Control connection type: CEE 16 A 4P / 16P, Harting/Socapex
- Phase indication
- Max ambient temp: 40 °C
- Dimensions: 524 x 423 x 203 mm
- Weight: 12 / 13.5 kg



Body Size Dimensions

Model	Type	Body Size
Model S, 250 kg	S ⁺	A
	S ⁺⁺	B
Model M, 500 kg	M	A
	M ⁺	A
	M ⁺⁺	B
Model L, 1000 kg	L	B
	L ⁺	B
Model XL, 2000 kg	XL	C
	XL ⁺	C





In the interest of continued product development.
PROTOS reserves the right to alter product specification without prior notice.

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