

# POWERMOTION™

Emergency stop and power distribution system for CyberHoist intelligent chain hoists

## SYSTEM COMPONENTS

### PowerMotion Components

- D8C Dedicated 8 channel Distro system for CyberHoist
- D16C Dedicated 16 channel Distro system for CyberHoist
- B04 4-way Motor Breakout box
- UPD6 Universal Power Distributor

### Emergency Stop Systems

- ESR Emergency Stop button with Reset button
- ESC8 Emergency Stop Combiner
- ES Emergency Stop button

### Accessories

- C-Series Cabling – various lengths and types available for a complete functional system

XLNT advanced technologies supplies a complete series of additional road-ready products, including other power, emergency stop and signal distribution equipment, along with dedicated truss brackets, cabling, racks and flightcases for Cyberhoist Systems.

Powermotion Emergency Stop and power distribution systems, InMotion3D software and the CyberHoist intelligent motor system from XLNT Advanced Technologies make motion control a truly creative process.

Tiny or huge loads can be moved with millimetre perfection, from imperceptibly slow to breathtakingly fast speeds. And fast 3D object oriented programming means you can be flying in minutes.



PowerMotion UPD6 (front)



Emergency Stop ES



PowerMotion UPD6 (rear)

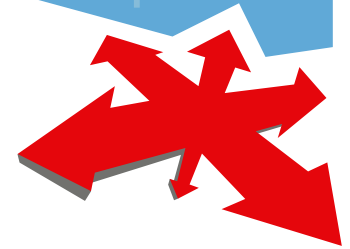


PowerMotion D16C Distro



PowerMotion ESC8

TECHNICAL DATA



**CYBERHOIST**  
with INMOTION3D

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## OVERVIEW

The D8C and D16C are power distributors for CyberHoist motors. These products provide 3-phase unmodulated power on separate breakers for each CyberHoist connected to the distributor. Connection to a CyberHoist is by means of a Harting multiconnector. This multiconnector has individual circuits for 4 CyberHoists.

The D8C/D16C power distributor is equipped with a Class 4 Emergency Stop circuit, which can be triggered with the ES/ESR E-Stop buttons. A typical E-Stop button circuit consists of one Emergency Stop button with Reset (ESR) and multiple Emergency Stop buttons (ES). Of every power distributor, one Emergency Stop button is mounted on the face panel.

When multiple D8C/D16C power distributors are in use, an ESC8 Emergency Stop Combiner must be used to connect the power distributors to one E-Stop button circuit.

The ESC8 is also designed as a Class 4 Emergency Stop Component.

All PowerMotion products are supplied in a standard lightweight aluminium housing, with spigots to lock them vertically together.

## SPECIFICATIONS - D8C

Power distribution	8 CyberHoists
Output connectors	2 x Han Modular (4 CyberHoists each)
Input connectors	1 x Han 5 80 amp 3P+N+G 1 x Neutrik Ethercon for Emergency Stop circuit
Emergency Stop classification	Class 4
MCD's	8 x 3 phase with thermal protection 6.3 Amp, single switch
Enclosure	Lightweight aluminium
Weight (physical)	16 kg (35.27 lbs)
Dimensions (physical)	156mm(H) x 525mm(W) x 450mm(D) 6.14"(H) x 20.67"(W) x 17.71"(D)
Classification	BGV-C1

## SPECIFICATIONS - D16C

Power distribution	16 CyberHoists
Output connectors	4 x Han Modular (4 CyberHoists each)
Input connectors	1 x Han 5 80 amp 3P+N+G 1 x Neutrik Ethercon for Emergency Stop circuit
Emergency Stop classification	Class 4
MCD's	16 x 3 phase with thermal protection 6.3 Amp, single switch
Enclosure	Lightweight aluminium
Weight (physical)	21 kg (46.29 lbs)
Dimensions (physical)	256mm(H) x 525mm(W) x 450mm(D) 10.07"(H) x 20.67"(W) x 17.71"(D)
Classification	BGV-C1

## SPECIFICATIONS - ESC8

Power distribution	8 Neutrik Neutricon
Input connectors	1x CEE 16A 240V 1x Neutrik Neutricon
Emergency Stop classification	Class 4
MCD's	16 x 3 phase with thermal protection 6.3 Amp, single switch
Enclosure	Lightweight aluminium
Weight (physical)	10 kg (22.04 lbs)
Dimensions (physical)	156mm(H) x 525mm(W) x 450mm(D) 6.14"(H) x 20.67"(W) x 17.71"(D)
Classification	BGV-C1

TECHNICAL DATA

XLNT Advanced Technologies

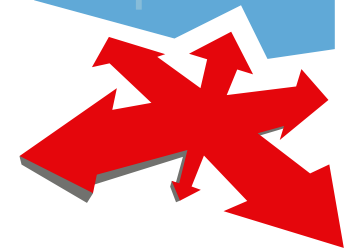
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