

4-CH DIRECT CONTROL CONTROLLER

BRIEFCASE TYPE

The CHC-14-3P 4 Channels direct chain hoist controller is designed to withstand the rigour of touring and staging life. The unit offers flexibility, as a stand alone or multiple system, with either full local control or full remote control through an optional remote controller. It is completed with rack mounted panels and built with a flight case. The electrical components are mounted onto a board at the back of the panel.

Features

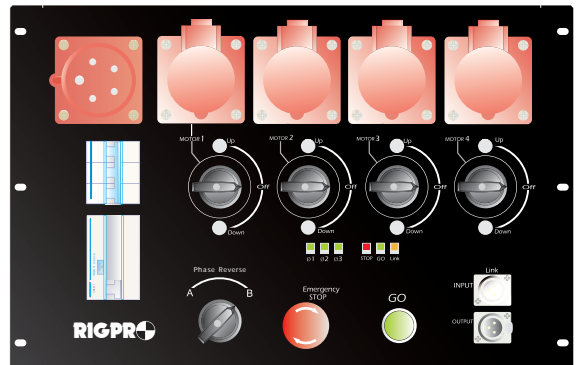
- Four channels of direct hoist control using reversing contactors
- Switching power for multiple 220V, 380V and 440V voltage input
- LED indicators for each incoming phase
- Lockable E-stop button
- Phase reverse switch
- Link-able across multiple units by 3pin XLR connector
- Industry standard CEE form connector
- Power input: 32A 5P panel plug
- Power output: 16A 4P panel connector
- Individual up/down rotary switch per motor
- Overall system protection and control circuit breaker
- Optional remote controller is available upon request
- All functions with LED indicators allow safer operation, even in dark
- Dimension: L52 x W 34 x H 21cm
- Weight: 12.20kgs

RACK MOUNT TYPE

This rack mount model is designed to accommodate to the heavier rigging system. Its function is mostly the same as the briefcase type. The major difference is the rack mount type can be installed into standard 19" rack, like a portable single dimmer. Flight case (CHC-14R-3P-1) for CHC-14R-3P is optional.

Features

- The standard controller includes a 2M cable with CEE 5P male connector
- Handle grip on each side for easy & convenience installation
- Each unit comes with foot pad for desktop operation
- Dimension: L48 x W23 x H13 cm
- Weight: 6.4kgs



Product Code: CHC-14-3P



CHC-14-3P controller comes with a flight case as standard



4-CH DIRECT CONTROL CONTROLLER



Product Code: CHC-14R-3P



Optional Flight Case (Product Code: CHC-14R-3P-1)
for CHC-14R-3P



1 & 2-CH DIRECT CONTROL CONTROLLER

Direct Control Station (Optional)

- Impact-resistant control station for extreme durability
- Industrial push button for running hoist up and down
- With emergency stop mushroom
- 1.7M cable length for both input and output
- Connector: 32A 5Pin (input)/ 16A 4Pin (output)

One Channel Direct Controller for Tri-Phase Hoist
(Product Code: CHC-11-3P)



Two Channel Direct Control for Tri-Phase Hoist
(Product Code: CHC-12-3P)



CABLE SETS

We provide various cable sets for direct control hoist. Following tables are showing the connection details of cable wires to their corresponding pin out.



MCA-1604P-5



MCA-1904P-5



MCA-0404P-100/200

Extension Cable Description

Length

MCA-0404P-100	4C x 2.5mmsq, with CEE 3P+E (male-female)	10M
MCA-0404P-200	4C x 2.5mmsq, with CEE 3P+E (male-female)	20M
MCA-1919P-100	Soca 19Pin, 2.5mmsq (male-female)	10M
MCA-1919P-200	Soca 19Pin, 2.5mmsq (male-female)	20M
MCA-1616P-100	Harting 16Pin, 2.5mmsq (male-female)	10M
MCA-1616P-200	Harting 16Pin, 2.5mmsq (male-female)	20M



MCA-1919P-100/200

Break-Out

Description

Length

MCA-1604P-5	4-channels, 4C x 2.5mmsq per channel Harting 16Pin male to 4pcs CEE 3P+E female	0.5M
MCA-1904P-5	4-channels, 4C x 2.5mmsq per channel Soca 19Pin male to 4pcs CEE 3P+E female	0.5M



MCA-1616P-100/200

Break-In

Description

Length

MCA-0416P-5	4-channels, 4C x 2.5mmsq per channel 4pcs CEE 3P+E male to Harting 16Pin female	0.5M
MCA-0419P-5	4-channels, 4C x 2.5mmsq per channel 4pcs CEE 3P+E male to Soca 19Pin female	0.5M



MCA-0419P-5

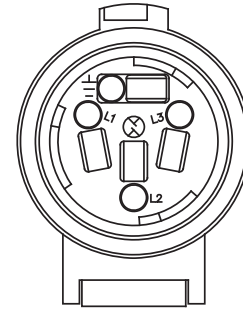


MCA-0416P-5

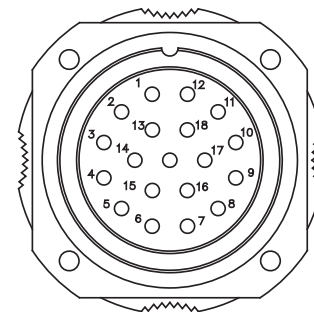
Multi Cable Connections- Pin Out

Motor 4Channels Break-Out Soca 19Pin			
Wire	Color	CEE Pin	Soca 19Pin
L1	Red	1	1
L2	White	2	2
L3	Black	3	3
GND	Yellow/Green	PE	13
L1	Red	1	4
L2	White	2	5
L3	Black	3	6
GND	Yellow/Green	PE	14
L1	Red	1	7
L2	White	2	8
L3	Black	3	9
GND	Yellow/Green	PE	15
L1	Red	1	10
L2	White	2	11
L3	Black	3	12
GND	Yellow/Green	PE	16
			17
			18
			19

Motor Power Connector
Red 415V 16A 4Pin CEE Female



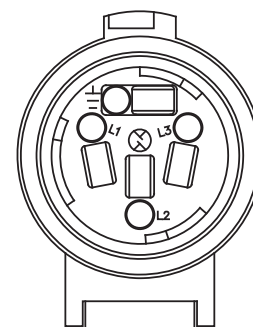
Male Line Soca 19Pin



(View from Behind)

Motor 4Channels Break-Out Multi 16Pin			
Wire	Color	CEE Pin	Multi 16Pin
L1	Red	1	1
L2	White	2	2
L3	Black	3	3
GND	Yellow/Green	PE	4
L1	Red	1	5
L2	White	2	6
L3	Black	3	7
GND	Yellow/Green	PE	8
L1	Red	1	9
L2	White	2	10
L3	Black	3	11
GND	Yellow/Green	PE	12
L1	Red	1	13
L2	White	2	14
L3	Black	3	15
GND	Yellow/Green	PE	16+PE

Motor Power Connector
Red 415V 16A 4Pin CEE Female



Male Line Multi 16Pin



(View from Behind)