

CMC Series

Chain Motor Controllers (Preliminary)



DESCRIPTION

The CMC series of motor controllers is a range of modular switchgear cabinets, control surfaces and connection panels designed to control multiple chain hoists in a fixed installation.

The number of hoists, position of control surfaces, number of Emergency stop stations and configuration of chain hoist connection points are all able to be custom specified on order.

An interlocking circuit prevents movement of any hoists if the protective circuit breaker for any hoist is tripped when that hoist is selected for movement, eliminating the risk of damaging flown equipment such as trusses.

A series of diagnostic indicators on the switchgear cabinet front panel permits monitoring of power supplies, Emergency stops and the state of the motor select/protect interlocks.

FEATURES

- Fixed switchgear enclosure
- Hoist selection via one or more control surfaces
- Up/Down operation via a standard chain motor "pickle"
- Multiple Emergency stop locations
- Safety interlocking of motor protection devices and motor selection switches
- Designed and tested to AS3439.1:2000

OVERALL SPECIFICATIONS

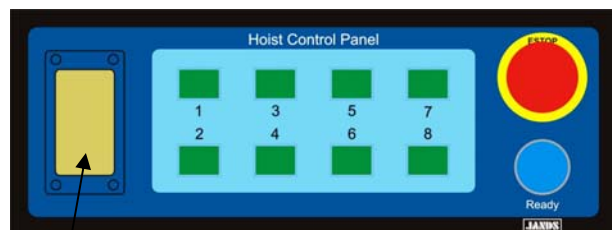
Supply Voltage	:	380-440V
Supply Type	:	3P+E or 3P+N+E
Supply Frequency	:	50Hz
Supply Current	:	16A/Phase (4 Channel) 32A/Phase (8 Channel)
Motor power output	:	3Phase Delta 4A/Motor
Motor control output	:	Common/Up/Down volt-free N-O contacts
Emergency Stop	:	Motor supply disconnect Mechanically latching Key operated reset
Hoist select switches	:	Mechanically latching push-on/push-off
Cabinet connections		
Mains input	:	IP56 Isolator terminals
Hoists	:	Internal terminals
Chain motor outlets	:	Wieland 6p socket or eq. on Panel or flying leads
Pendant connection	:	Wieland 6p socket or eq.

OPTIONS

- 4 channels (500 x 600 x 200)
- 8 channels (800 x 600 x 200)
- 12 channels (1000 x 600 x 200)
- 16 channels (1000 x 800 x 200)
- Select controls on cabinet or remote
- Pendant connection on cabinet or remote
- Chain hoist connection panel or flying leads

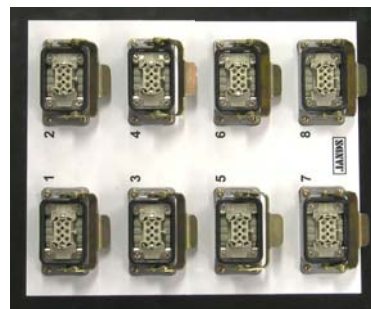


8 Way Switchgear Cabinet with integral Control Surface



Optional Remote Control Surface

Pendant Connection



Chain Motor Outlet Panel

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Specifications subject to change without notice. Manufactured by Jands Pty Ltd ABN 45 001 187 837.
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