

KAKKU JOY STICK OPERATED MASTER CONTROLLERS

SERIES MSC – 5000

SPECIAL FEATURES

Available as single or dual master controllers.

Double break contacts with high quality silver cadmium oxide contact tips having arc-retarding & anti-welding properties.

Provided with special rubber gaskets on the cover to make it dust proof.

Cams and contact blocks of high grade phenolic fibrous moulding material having excellent electrical and mechanical properties.

Star wheel for positive notching at each step and pronounced notching at neutral.

Universal design for both AC & DC applications.

KAKKU Master controllers are also noted for ease of assembly, dis-assembly & adjustments as well as free access to all the parts.

Contact sequence chart pasted on inside face of cover.

Long life with reliable performance and trouble free operation.

APPLICATION

KAKKU Mill Duty Master Controllers Series MSC-5000 are used for control of electric drives of EOT cranes, hoists, transfer cars, Grab-buckets, unloaders, steel mills, conveyors and other heavy material handling equipment.

TECHNICAL DATA

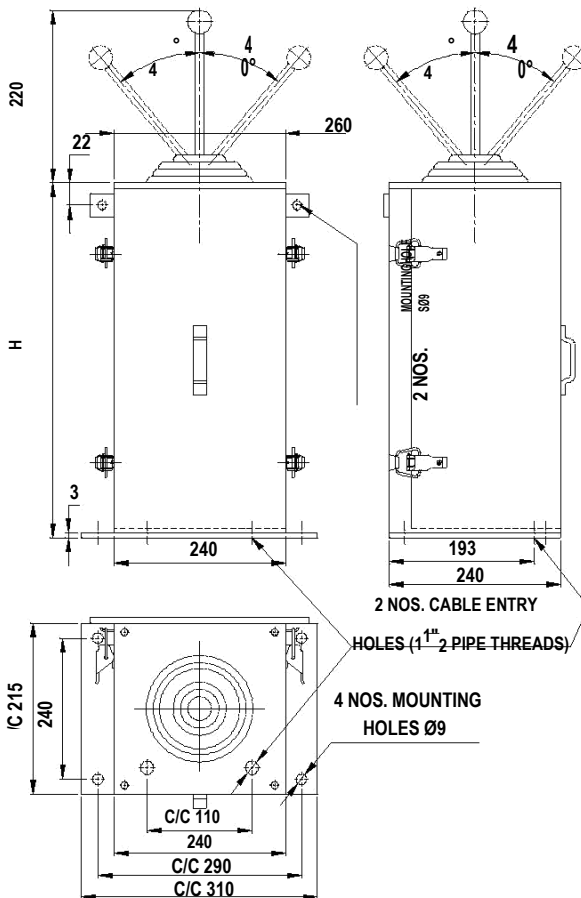
Ambient Temperature	: 55°C.
Mounting Arrangement	: Suitable for foot/ wall mounting.
Housing	: Metallic enclosure with sheet steel cover.
Enclosure Category	: As per IP-54 of IS :2147-1962.
Terminals	: Suitable for conductor size 2.5mm ² .
Operation	: Stayput.
Max. No. of operating positions.	: Upto 5 – 0 – 5
Max. No. of contacts per circuit	
(a) Single Master Controller	: Upto 24
(b) Dual Master Controller	: Upto 16

RATINGS

Rated Voltage AC or DC	: Upto 500V
Continuous Current	: 10A
Making Current (Upto 500V AC)	: 50A
Breaking Current at inductive loads	
110V DC	: 2.5A
220V DC	: 1.5A
Upto 500V AC	: 10.0A

SERIES MSC-5000

Dimensions (mm)



SELECTION CHART

Type	Operation	Max. No. of Contacts	Dim. H in (m.m.)
MSC-5000S-01	SINGLE	Upto 16	435
MSC-5000S-02	SINGLE	Upto 24	550
MSC-5000D-01	DUAL	8 + 8	435
MSC-5000D-02	DUAL	12 + 12	550
MSC-5000D-03	DUAL	16 + 16	620

Product improvement is a continuous process at KAKKU. Hence data given in this catalogue is subject to revision without notice.

Electronic & Power Control Co.

(AN ENTERPRISE OF KAKKU E & P CONTROL (P) LTD.)

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Symbol Of Reliability

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