

OPERATING MANUAL
FOR
CONTACT CLOSURE to RS232
CONVERTOR

Milestone Electronics Pvt. Ltd.

CONTACT CLOSURE to RS232 CONVERTOR

Contact Closure to RS232 Convertor by Milestone is a device that helps person/s to convert contact closure to RS 232 interface data.

Models available

ML - 4 CCS	For 4 Contact Closure
ML - 8 CCS	For 8 Contact Closure
ML - 12 CCS	For 12 Contact Closure
ML - 16 CCS	For 16 Contact Closure

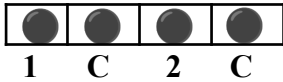
Features

INSTALLATION	Easy to install - plug and play kind.
INDICATION	LED indication for Power & RS232 out.
TOGGLE SWITCHER	For Dual Function of Single Contact

SPECIFICATIONS

MODEL	ML - 4CCS	ML - 8CCS	ML - 12CCS	ML - 16CCS
NO. OF CONTACT CLOSURE	4	8	12	12
INPUT 4 PIN CAPTIVE SCREW (EACH FOR 2 CHANNELS)	2	4	6	8
LED INDICATION	PWR & RS232	PWR & RS232	PWR & RS232	PWR & RS232
RS 232 OUT	D9F × 1	D9F × 1	D9F × 1	D9F × 1
MAINS INPUT (AC)	230 V	230 V	230 V	230 V

4 Pin Captive Screw Details



1 & C Contact Point for Channel 1
2 & C Contact Point for Channel 2
& so on.

RS232 Out

D9 female connector from rear panel gives RS232 out.

D-9 FEMALE	SIGNAL
3	Rx
5	GRD

The simple commands send out through RS232 are

Contact Closure	DECIMAL (Single Contact)	Hex Code	DECIMAL (Double Contact)	Hex Code
1	1!	31, 21	A!	65,21
2	2!	32, 21	B!	66, 21
:	:	:	:	:
9	9!	39, 21	I!	73, 21
10	a!	61,21	J!	74,21
:	:	:	:	:
12	c!	63,21	L!	76,21
:				
16	f!	67,21	P!	80,21

Note: 1) Communication parameters are 9600 baud, 8-bit, 1 stop bit and no parity.

2) If the toggle switch at the rear end is ON then Operating Channel 1 for the first time will send 1! and operating second time will send A!

ASCII Code output will depend on DIP Switch setting

DIP Switch Setting				
DIP Switch				ASCII Code
1	2	3	4	
OFF	OFF	OFF	OFF	!
ON	OFF	OFF	OFF	#
OFF	ON	OFF	OFF	@
ON	ON	OFF	OFF	%
OFF	OFF	ON	OFF	&
ON	OFF	ON	OFF	?
OFF	ON	ON	OFF	=
ON	ON	ON	OFF	:

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