

# IMDSUBM/xx/ SC



## MALE DSUB Module with 1:1 Spring Connections

- Housed in V0 fire retardant grade PVC mounting track.
- Ease of connection with the use of standard screw connection PCB Terminal Blocks or Screwless Terminal Blocks
- Maximum current rating of 3 A per pin.
- Available with all standard pin configurations from 9 to 50.
- Available with LED indication.
- Possibility of mounting circuit components between the pins of DSUB connectors.
- Mounting options available: DIN Rail mounting & Panel mounting.

### TECHNICAL DATA

Ambient Operating Temperature	-20 to 50 °C
Mounting Possibility	DIN32 / DIN35 / DIN35-15 / PANEL
Housing Material	PVC / V0 Grade
Housing Colour	Green

### DSUB CONNECTOR SPECIFICATIONS

Housing Material (Insulator)	PBT, Rated UL94V-0
Housing Material (Shell)	Steel
Contact Material	Brass
Rated Current / Pin	3 A
Contact Resistance	15 m ohms maximum at 500 VDC
Dielectric Withstanding Voltage	1000VAC for one Minute
Rivet / Board Lock Material	Copper Alloy

### CONNECTION SPECIFICATIONS

Type of Connection	Spring Connection
Min. Wire Size	0.5 mm <sup>2</sup>
Max. Wire Size	2.5 mm <sup>2</sup>
Min. Wire Size(AWG)	28 AWG
Max. Wire Size(AWG)	12 AWG
Wire Stripping Length	8 mm
Torque	0.5 Nm
Torque	4.5 lb-in

### ORDERING INFORMATION

CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
IMDSUBM/9/SC	9 Pin spring Cage Terminal Male DSUB Module with Rail Mount	9	43 X 88 X 65	1
IMDSUBM/15/SC	15 Pin spring Cage Terminal Male DSUB Module with Rail Mount	15	55 X 88 X 65	1

### ORDERING INFORMATION

CAT. NO.	DESCRIPTION	NO. OF CHN.	DIM. DET.	STD. PACK
IMDSUBM/25/SC	25 Pin spring Cage Terminal Male DSUB Module with Rail Mount	25	81 X 88 X 65	1
IMDSUBM/37/SC	37 Pin spring Cage Terminal Male DSUB Module with Rail Mount	37	112 X 88 X 65	1
IMDSUBM/50/SC	50 Pin spring Cage Terminal Male DSUB Module with Rail Mount	50	148 X 88 X 65	1

### ACCESSORIES

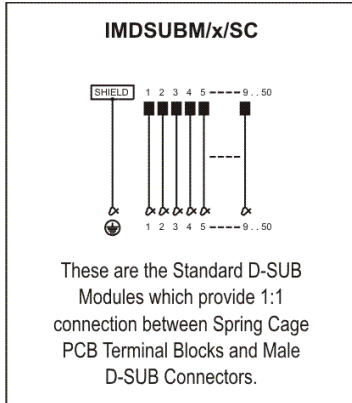
IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA501-1M	Din 32 Rail unslotted 1 meter	50
	CA501-1M-S	Din 32 Rail slotted 1 meter	50
	CA501-2M	Din 32 Rail unslotted 2 meter	50
	CA501-2M-S	Din 32 Rail slotted 2 meter	50
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50
	CA509/K2	Marking Tag Blank suitable for CDL4U / CDL4U(I.S) / CTL2.5U / CTL2.5UH / CTL2.5UL / CTL2.5HUL / CTL2.5U(I.S) / CTL2.5U(I.S)D2 / CGMT4 / CSFL4U / CSFL4U(L) / CMT4 / CMB4 / ASF4 / ASF4(L) / CTS2.5	100
	SCS0.5/3	Electricians Screwdriver for slotted screws	10

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THE RIGHT CONNECTION

#### CIRCUIT DIAGRAM



#### NOTES

- \* All DSUB Configurations available with Male or Female DSUB Connectors
- \*\* Module Lengths mentioned are for RAIL Mounting option only. The lengths may vary for PANEL Mounting please use the suffix-P with the cat. no. for ordering.
- \*\*\* Cable and DSUB Connector available on request.