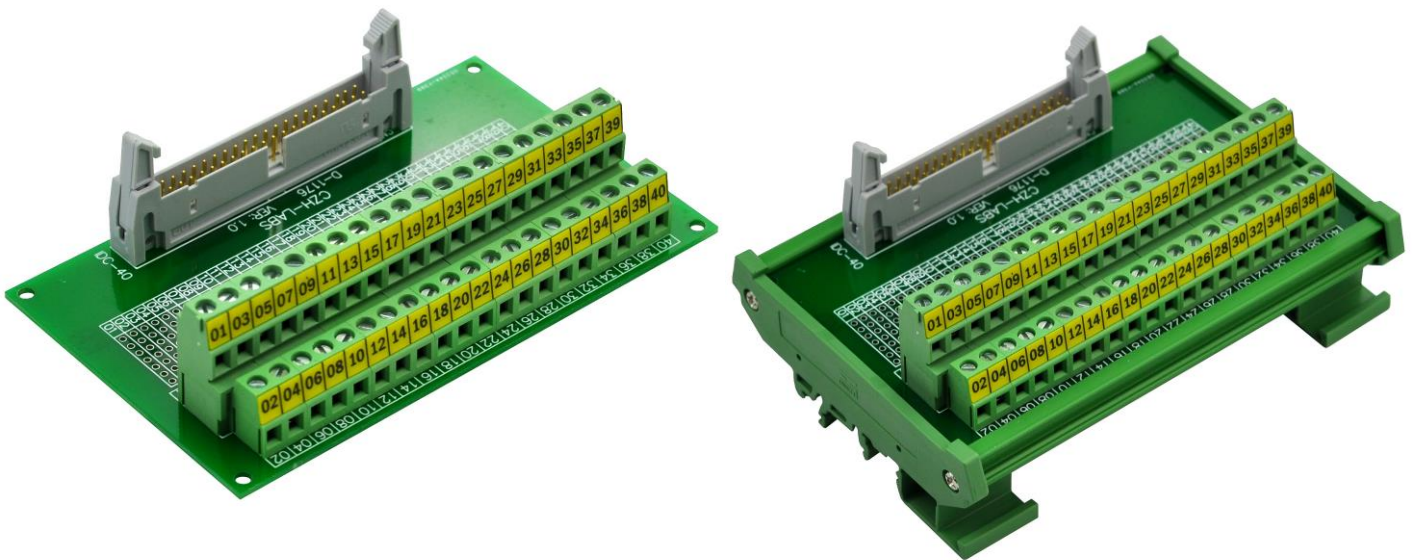


# CZH-LABS

## Electronics-Salon

**Flat Ribbon Cable Connector Breakout Board Module**  
**MD-D1169 to D1179 Series, IDC10 to 64 Pins**



[lisheng@chunzehui.com](mailto:lisheng@chunzehui.com)

[www.electronics-salon.com](http://www.electronics-salon.com)

[www.czh-labs.com](http://www.czh-labs.com)

**Features:**

- Standard high quality IDC/FRC connector, pin pitch 2.54mm / 0.1"
- Standard high quality terminal block, position pitch 5.08mm / 0.2"
- Solder connection holes 7 per line, supports addition of 2.54mm / 0.1" pin headers.
- Clear terminal block position marking label, match the position corresponding to the IDC connector.
- FR-4 fiber glass PCB, dual copper layers.
- Support PCB screw or DIN rail mount version selections. high quality fireproof nylon material DIN rail mount carrier (not China low quality carrier), can support width 35mm / 32mm / 15mm rail, and the carrier can be taken apart for PCB screw mount use.

**Terminal Block:**

Pitch 5.08mm/0.2" screw terminal block.

Wire range 26 to 12AWG / 2.5mm square.

Strip length 7mm / 0.28"

Screws - M2.5, steel, Cr3+ Zn plated.

Pin header and Cage - Brass.

**Specification:**

Rated voltage: 60V.

Rated current: 1Amp / per pin.

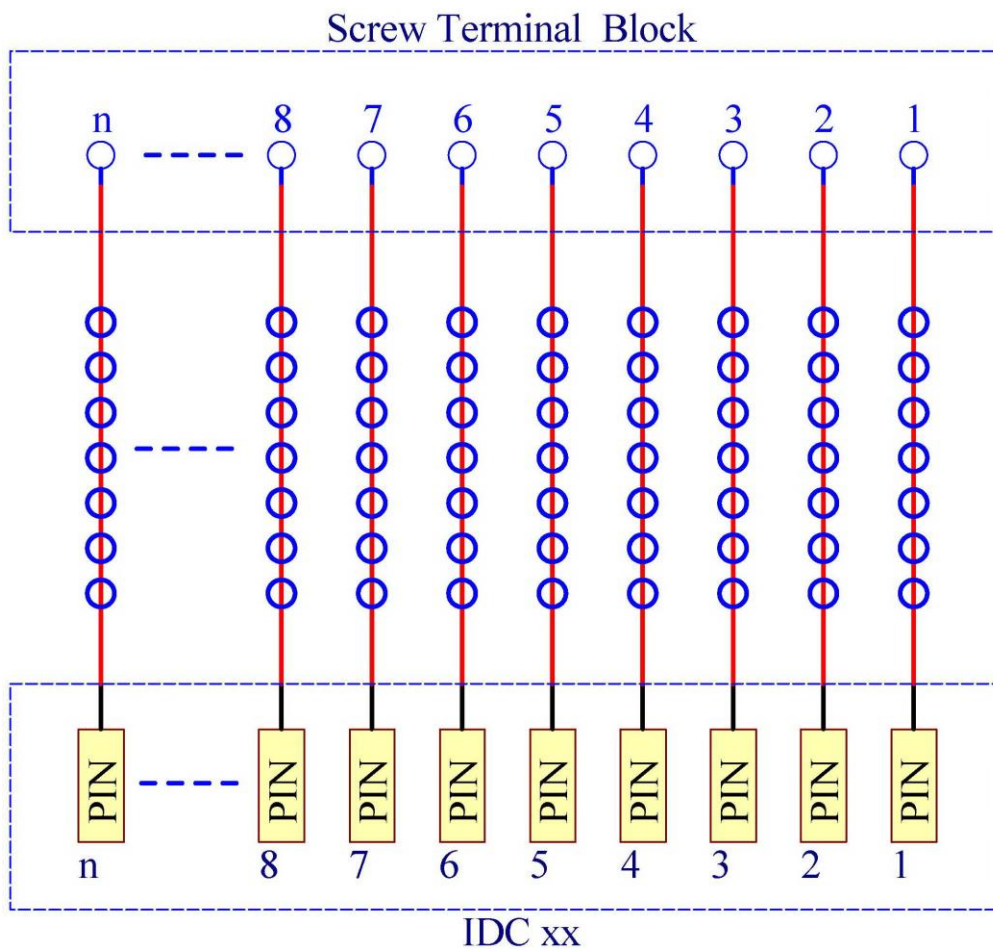
Operating temperature: -20°C to 70°C

**Version List:**

IDC pins	Series	Part Number	Mount Type
IDC-10	D-1169	MD-D1169-1	PCB screw mount
		MD-D1169T-1	DIN rail mount.
IDC-14	D-1170	MD-D1170-1	PCB screw mount
		MD-D1170T-1	DIN rail mount.
IDC-16	D-1171	MD-D1171-1	PCB screw mount
		MD-D1171T-1	DIN rail mount.

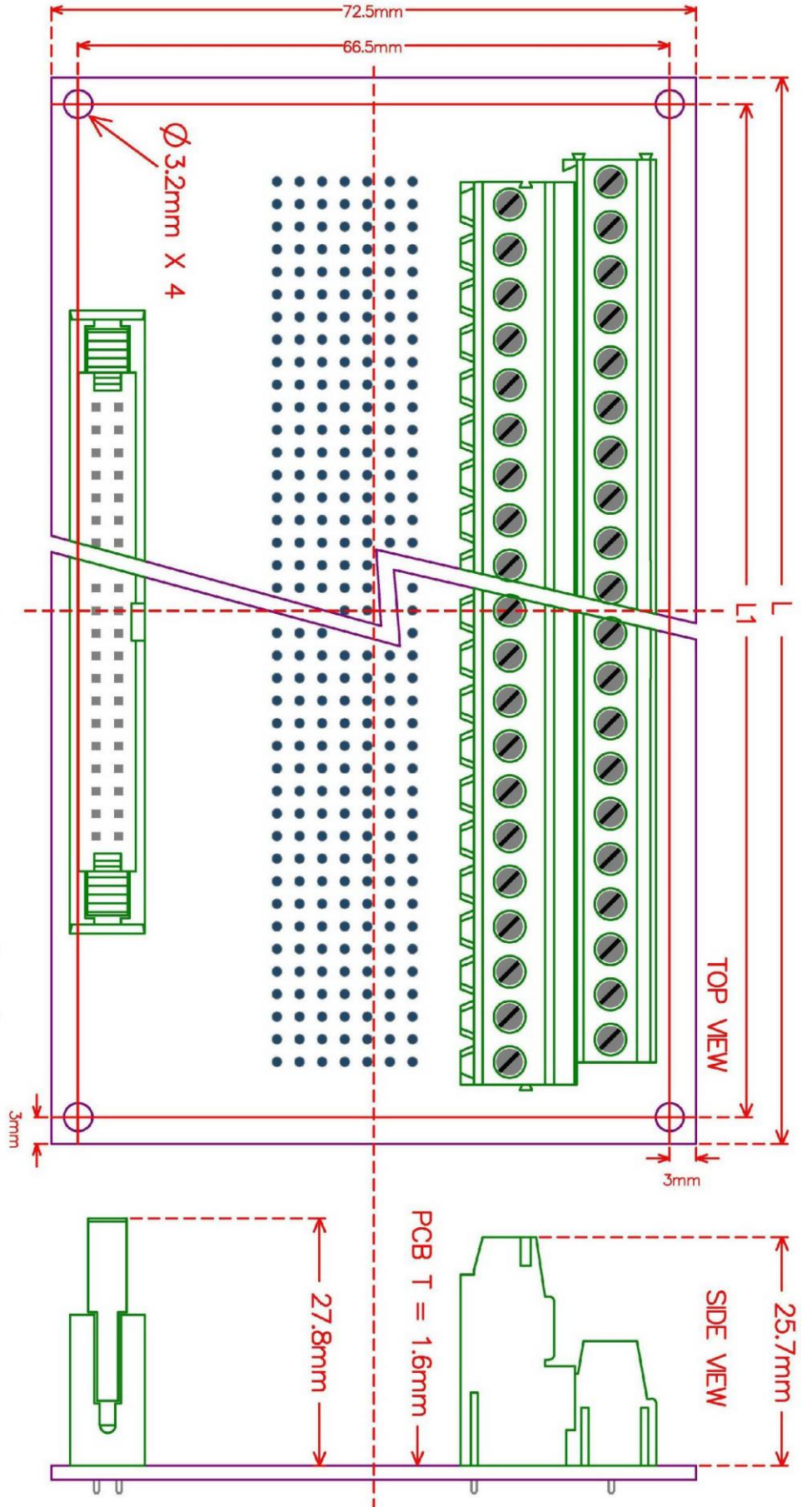
IDC-20	D-1172	MD-D1172-1	PCB screw mount
		MD-D1172T-1	DIN rail mount.
IDC-26	D-1173	MD-D1173-1	PCB screw mount
		MD-D1173T-1	DIN rail mount.
IDC-30	D-1174	MD-D1174-1	PCB screw mount
		MD-D1174T-1	DIN rail mount.
IDC-34	D-1175	MD-D1175-1	PCB screw mount
		MD-D1175T-1	DIN rail mount.
IDC-40	D-1176	MD-D1176-1	PCB screw mount
		MD-D1176T-1	DIN rail mount.
IDC-50	D-1177	MD-D1177-1	PCB screw mount
		MD-D1177T-1	DIN rail mount.
IDC-60	D-1178	MD-D1178-1	PCB screw mount
		MD-D1178T-1	DIN rail mount.
IDC-64	D-1179	MD-D1179-1	PCB screw mount
		MD-D1179T-1	DIN rail mount.

**Schematic:**



# Mount Dimensions:

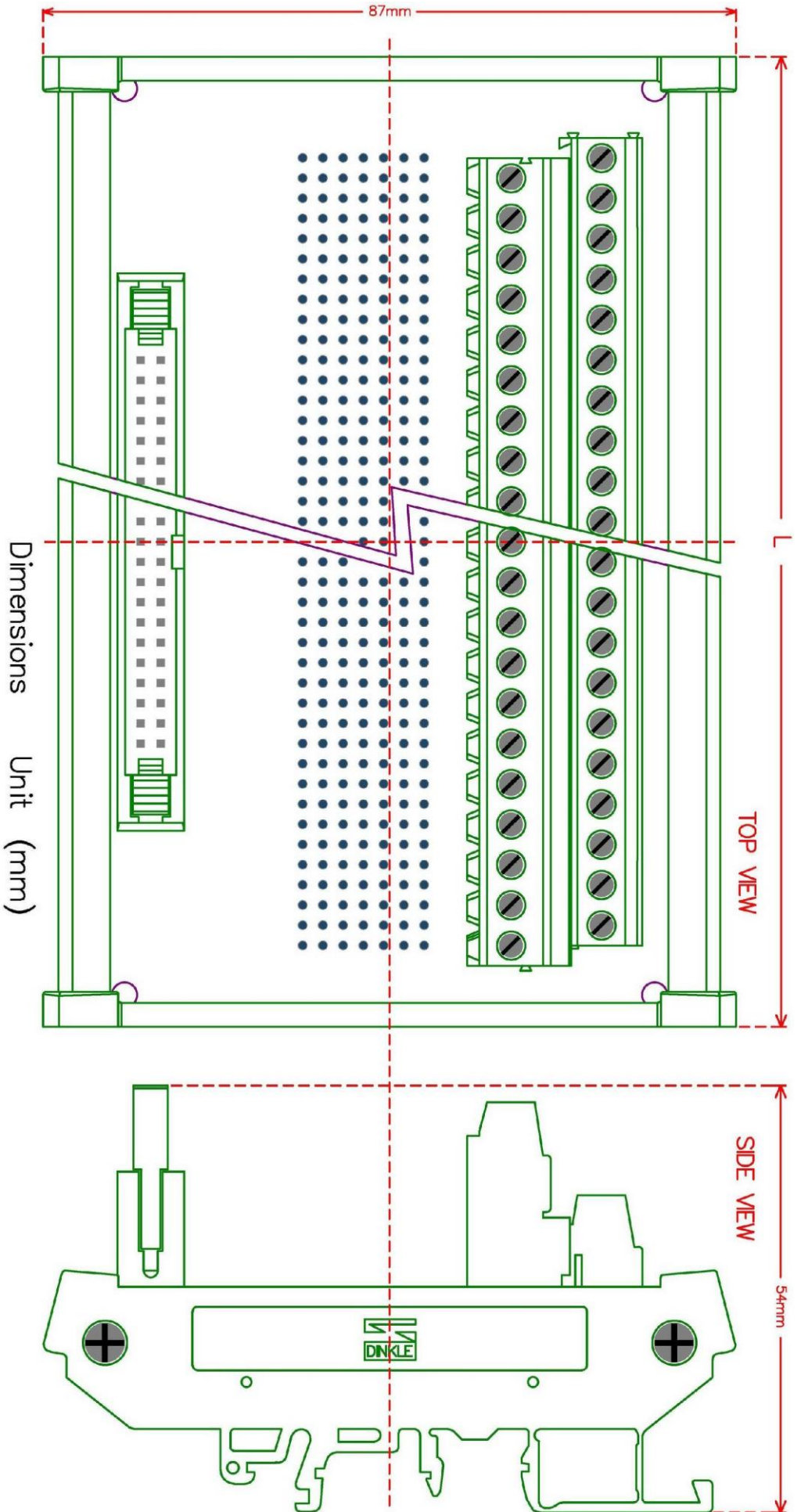
## PCB Screw Mount



Dimensions Unit (mm)

TYPE	DC 10	DC 14	DC 16	DC 20	DC 26	DC 30	DC 34	DC 40	DC 50	DC 60	DC 64
MODULE	D-1169	D-1170	D-1171	D-1172	D-1173	D-1174	D-1175	D-1176	D-1177	D-1178	D-1179
L	47.352	60	60	70	80	90	100	120	150	175	175
L1	41.352	54	54	64	74	84	94	114	144	169	169

# DIN Rail Mount



Dimensions Unit (mm)

TYPE	DC 10	DC 14	DC 16	DC 20	DC 26	DC 30	DC 34	DC 40	DC 50	DC 60	DC 64
MODULE	D-1169	D-1170	D-1171	D-1172	D-1173	D-1174	D-1175	D-1176	D-1177	D-1178	D-1179
L	49,352	62	62	72	82	92	102	122	152	177	177