

# PCB Terminal Block

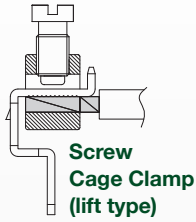
3.81 mm Pin Spacing

- Board Mount PCB
- 12A Current Rating
- Height 8.2mm
- Modular / stackable, no dovetail version



# MVS13xx-3,81-H

Top Wire Entry



Screw  
Cage Clamp  
(lift type)

## Electrical Ratings

| Usergroup     | B                         | C | D         | -                                        |
|---------------|---------------------------|---|-----------|------------------------------------------|
| Rated Voltage | 300V                      | - | 300V      | 130V                                     |
| Rated Current | 12A                       | - | 12A       | 17.5A                                    |
| Wire Size     | <i>solid</i> 30-16 AWG    | - | 30-16 AWG | 0.25mm <sup>2</sup> - 1.5mm <sup>2</sup> |
|               | <i>stranded</i> 30-16 AWG | - | 30-16 AWG | 0.25mm <sup>2</sup> - 1.5mm <sup>2</sup> |

UL  
E178356

IEC

VDE  
N.40019705

## Ordering Information

| No. Poles | Length (mm) | Std. Pack | Order # - Modular | Order # - No Dovetails |
|-----------|-------------|-----------|-------------------|------------------------|
| 2         | 7.62        | 200       | MVS132-3,81-H     | MVS132-3,81-H-L        |
| 3         | 11.43       | 200       | MVS133-3,81-H     | MVS133-3,81-H-L        |
| 4         | 15.24       | 200       | MVS134-3,81-H     | MVS134-3,81-H-L        |
| 5         | 19.05       | 200       | MVS135-3,81-H     | MVS135-3,81-H-L        |
| 6         | 22.86       | 200       | MVS136-3,81-H     | MVS136-3,81-H-L        |
| 7         | 26.67       | 100       | MVS137-3,81-H     | MVS137-3,81-H-L        |
| 8         | 30.48       | 100       | MVS138-3,81-H     | MVS138-3,81-H-L        |
| 9         | 34.29       | 100       | MVS139-3,81-H     | MVS139-3,81-H-L        |
| 10        | 38.10       | 100       | MVS1310-3,81-H    | MVS1310-3,81-H-L       |
| 11        | 41.91       | 100       | MVS1311-3,81-H    | MVS1311-3,81-H-L       |
| 12        | 45.72       | 100       | MVS1312-3,81-H    | MVS1312-3,81-H-L       |
| 13        | 49.53       | 100       | MVS1313-3,81-H    | MVS1313-3,81-H-L       |
| 14        | 53.34       | 100       | MVS1314-3,81-H    | MVS1314-3,81-H-L       |
| 15        | 57.15       | 100       | MVS1315-3,81-H    | MVS1315-3,81-H-L       |
| 16        | 60.96       | 100       | MVS1316-3,81-H    | MVS1316-3,81-H-L       |
| 17        | 64.77       | 100       | MVS1317-3,81-H    | MVS1317-3,81-H-L       |
| 18        | 68.58       | 100       | MVS1318-3,81-H    | MVS1318-3,81-H-L       |
| 19        | 72.39       | 100       | MVS1319-3,81-H    | MVS1319-3,81-H-L       |
| 20        | 76.20       | 100       | MVS1320-3,81-H    | MVS1320-3,81-H-L       |
| 21        | 80.01       | 100       | MVS1321-3,81-H    | MVS1321-3,81-H-L       |
| 22        | 83.82       | 100       | MVS1322-3,81-H    | MVS1322-3,81-H-L       |
| 23        | 87.63       | 100       | MVS1323-3,81-H    | MVS1323-3,81-H-L       |
| 24        | 91.44       | 100       | MVS1324-3,81-H    | MVS1324-3,81-H-L       |

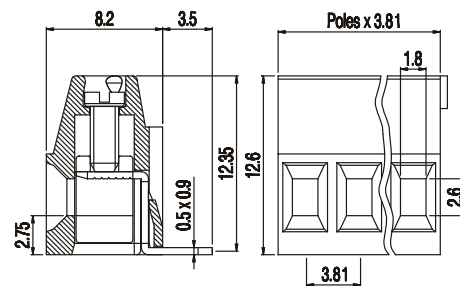
## Material Specifications

|                       |                   |
|-----------------------|-------------------|
| Clamp                 | Nickeled Copper   |
| Solder tab            | Tin-Plated Copper |
| Screw                 | Galvanized Steel  |
| Insulating Material   | Polyamide         |
| Flammability Class    | V0 UL94           |
| Operating Temperature | -30°C - +105°C    |

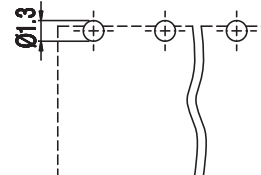
## Installation Data

|                  |                    |
|------------------|--------------------|
| Screw Size       | M2                 |
| Torque           | 0.2Nm (1.8 lb.in.) |
| Stripping Length | max. 6mm           |
| Clamp Opening    | 1.8 x 2.6mm        |
| PCB Hole Size    | 1.3mm              |

## Dimensions (mm)



## Drilling Diagram



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[H](#) [MVS1321-3,81-H](#) [MVS1323-3,81-H](#) [MVS1320-3,81-H-L](#) [MVS1321-3,81-V-L](#) [MVS133-3,81-H-L](#) [MVS136-3,81-H](#)  
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[L](#) [MVS1316-3,81-V-L](#) [MVS134-3,81-H](#) [MVS137-3,81-H](#) [MVS138-3,81-H-L](#) [MVS132-3,81-V-L](#) [MVS1323-3,81-H-L](#)  
[MVS1313-3,81-H](#) [MVS1316-3,81-H](#) [MVS1319-3,81-H](#) [MVS132-3,81-H-L](#) [MVS1323-3,81-V-L](#) [MVS139-3,81-V-L](#)  
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[MVS1324-3,81-V-L](#) [MVS135-3,81-H-L](#) [MVS1319-3,81-V-L](#) [MVS136-3,81-H-L](#) [MVS139-3,81-H-L](#) [MVS1310-3,81-H](#)  
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[MVS1312-3,81-H](#) [MVS1313-3,81-H-L](#) [MVS137-3,81-H-L](#) [MVS1314-3,81-H-L](#) [MVS1317-3,81-H](#) [MVS1322-3,81-H](#)  
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[MVS1317-3,81-V-L](#) [MVS132-3,81-H](#) [MVS135-3,81-V-L](#)