

# BUSBAR ORDERING INFORMATION

Please consider the following criteria when choosing the proper busbar:

1. Number of phases
2. Number of devices / MMCs
3. Number of poles/number of pins
4. Sum of out going device currents \*

## Type/Cat. No. Designation:

$\frac{3}{(A)} \frac{P}{(B)} \frac{25}{(C)} \frac{U}{(D)} \frac{3}{(E)} \frac{H}{(F)} / (G)$

**(A)** = Number of transverse copper strips inserted. (Can be 1, 2 or 3 for 1, 2 or 3 phases)

**(B)** = Pin version

**(C)** = 18mm<sup>2</sup> or 25mm<sup>2</sup> cross-section area

**(D)** = USA and Canada design basics

**(E)** = 1 or 3 track insulation

**(F)** = Blank - No Spacing  
H-Auxiliary Switch (1/2 pole) spacing

**(G)** = Total number of pins

## Technical Specifications:

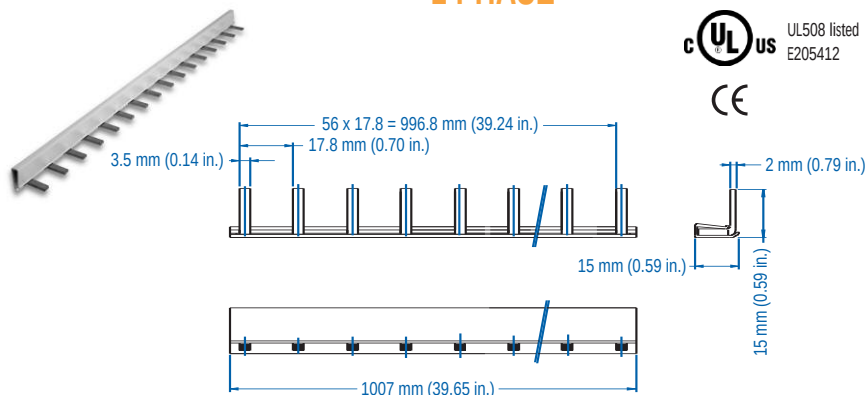
- Material of Busbar: E-Cu58 F25 Copper
- Insulation Track Material: Bergamid B700 Plastic (130°C)
- Electrical Ratings:
  - 18mm<sup>2</sup>: 80A/480VAC
  - 25mm<sup>2</sup>: 100A/480VAC
- Manufactured according to VDE 0660 Part 100 and 502, VDE 0606, VDE 0659

## NOTES:

\* Do not exceed the busbars rated current.

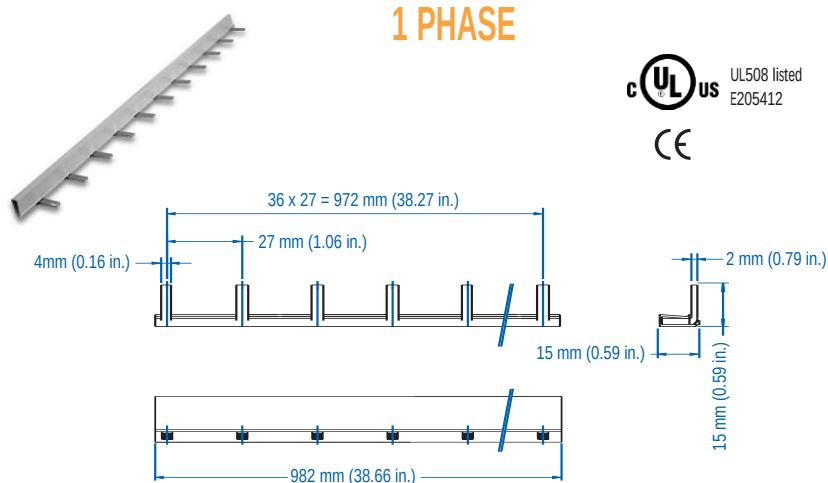
\*\* For additional pin configurations, please consult Altech.

## 1 PHASE



| 18mm <sup>2</sup><br>Type/Cat. No. | No. of<br>Pins ** | No. of MMC<br>to Jumper | Length<br>mm |
|------------------------------------|-------------------|-------------------------|--------------|
| 1P18U1/2                           | 2                 | 2x1 pole                | 32           |
| 1P18U1/4                           | 4                 | 4x1 pole                | 68           |
| 1P18U1/8                           | 8                 | 8x1 pole                | 144          |
| 1P18U1/12                          | 12                | 12x1 pole               | 208          |
| 1P18U1/24                          | 24                | 24x1 pole               | 420          |
| 1P18U1/36                          | 36                | 36x1 pole               | 638          |
| 1P18U1/48                          | 48                | 48x1 pole               | 852          |
| 1P18U1/57                          | 57                | 57x1 pole               | 1009         |

## 1 PHASE



## With Auxiliary Switch (1/2 pole) Spacing

| 18mm <sup>2</sup><br>Type/Cat. No. | No. of<br>Pins ** | No. of MMC<br>to Jumper | Length<br>mm |
|------------------------------------|-------------------|-------------------------|--------------|
| 1P18U1H/2                          | 2                 | 2x1 pole                | 48           |
| 1P18U1H/4                          | 4                 | 4x1 pole                | 102          |
| 1P18U1H/8                          | 8                 | 8x1 pole                | 206          |
| 1P18U1H/12                         | 12                | 12x1 pole               | 314          |
| 1P18U1H/18                         | 18                | 18x1 pole               | 472          |
| 1P18U1H/24                         | 24                | 24x1 pole               | 640          |
| 1P18U1H/30                         | 30                | 30x1 pole               | 804          |
| 1P18U1H/37                         | 37                | 37x1 pole               | 982          |

For one pole spacing busbars, please consult Altech.

# Mouser Electronics

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