

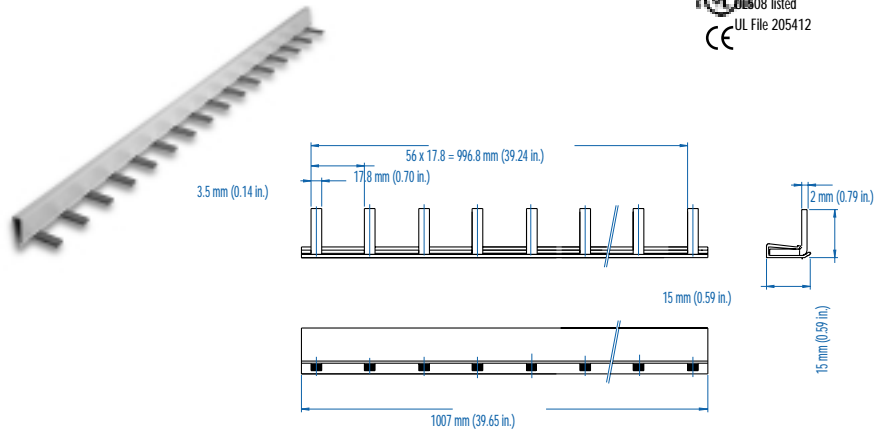
BUSBAR ORDERING INFORMATION

1 PHASE



For choosing the proper busbar, please consider the following specifications:

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



Type/Cat. No. Designation:

$\frac{3}{(a)}$ $\frac{P}{(b)}$ $\frac{25}{(c)}$ $\frac{U}{(d)}$ $\frac{3}{(e)}$ $\frac{H}{(f)}$ / $\frac{\quad}{(g)}$

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

(b) = Pin version

(c) = 18mm² or 25mm² cross-section area

(d) = USA and Canadian design basics

(e) = 1 or 3 track insulation

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

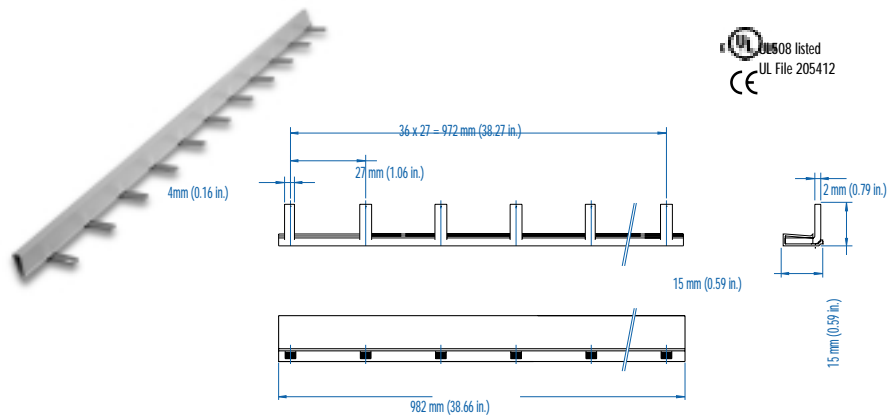
(g) = Total number of pins

Technical Specifications:

- Material of Busbar: E-Cu58 F25 Copper
- Insulation Track Material: Bergamid B700 Plastic (+130C°)
- Electrical Ratings:
 - 18mm²: 80A/480VAC
 - 25mm²: 100A/480VAC
- Manufactured according to VDE 0660 Part 100 and 502, VDE 0606, VDE 0659

18mm ² Type/Cat. No.	No. of Pins ②	No. of MMC to Jumper	Length/ 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 ③

18mm ² Type/Cat. No.	No. of Pins ②	No. of MMC to Jumper	Length/ 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

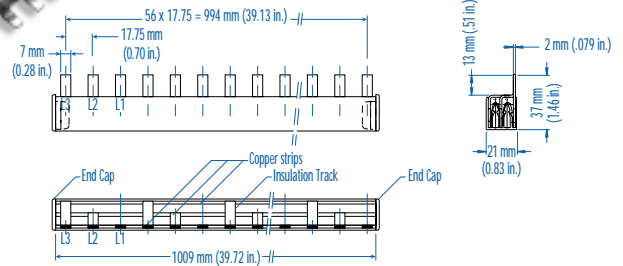
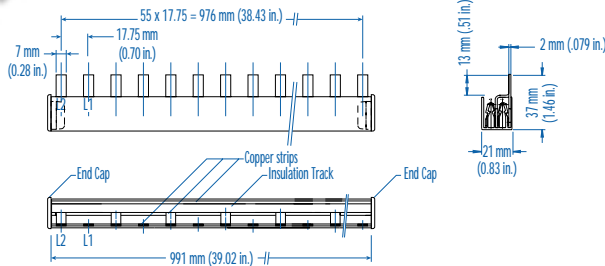
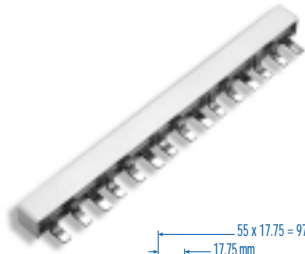
NOTES:

- ① Do not exceed the busbars rated current.
- ② For additional pin configurations, please consult Altech.

③ For one pole spacing busbars, please consult Altech.

2 PHASE

3 PHASE

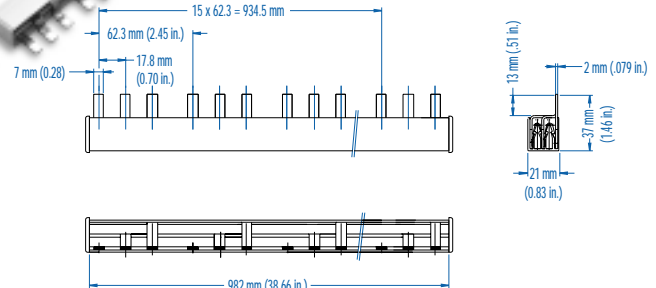
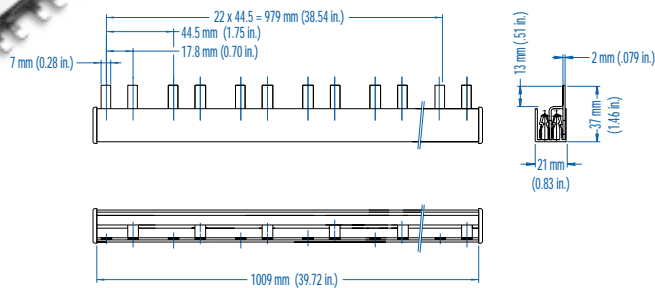
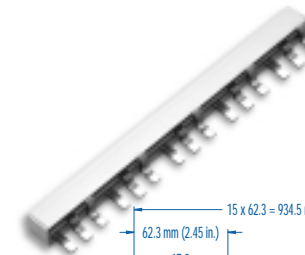
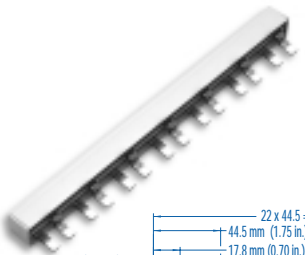


18mm ² Type/Cat. No.	25mm ² Type/Cat. No.	No. of Pins @	No. of MMC to Jumper	Length/ mm
2P18U3/4	2P25U3/4	4	2x2 pole	65
2P18U3/8	2P25U3/8	8	4x2 pole	137
2P18U3/12	2P25U3/12	12	6x2 pole	208
2P18U3/18	2P25U3/18	18	9x2 pole	315
2P18U3/24	2P25U3/24	24	12x2 pole	421
2P18U3/36	2P25U3/36	36	18x2 pole	635
2P18U3/48	2P25U3/48	48	24x2 pole	849
2P18U3/56	2P25U3/56	56	28x2 pole	991

18mm ² Type/Cat. No.	25mm ² Type/Cat. No.	No. of Pins @	No. of MMC to Jumper	Length/ mm
3P18U3/6	3P25U3/6	6	2x3 pole	101
3P18U3/9	3P25U3/9	9	3x3 pole	154
3P18U3/12	3P25U3/12	12	4x3 pole	208
3P18U3/18	3P25U3/18	18	6x3 pole	315
3P18U3/24	3P25U3/24	24	8x3 pole	421
3P18U3/36	3P25U3/36	36	12x3 pole	635
3P18U3/48	3P25U3/48	48	16x3 pole	849
3P18U3/57	3P25U3/57	57	19x3 pole	1009

2 PHASE

3 PHASE



With Auxiliary Switch (1/2 pole) Spacing Ⓢ

With Auxiliary Switch (1/2 pole) Spacing Ⓢ

18mm ² Type/Cat. No.	25mm ² Type/Cat. No.	No. of Pins @	No. of MMC to Jumper	Length/ mm
2P18U3H/4	2P25U3H/4	4	2x2 pole	74
2P18U3H/8	2P25U3H/8	8	4x2 pole	164
2P18U3H/12	2P25U3H/12	12	6x2 pole	253
2P18U3H/18	2P25U3H/18	18	9x2 pole	386
2P18U3H/24	2P25U3H/24	24	12x2 pole	520
2P18U3H/36	2P25U3H/36	36	18x2 pole	787
2P18U3H/46	2P25U3H/46	46	23x2 pole	1009

18mm ² Type/Cat. No.	25mm ² Type/Cat. No.	No. of Pins @	No. of MMC to Jumper	Length/ mm
3P18U3H/6	3P25U3H/6	6	2x3 pole	110
3P18U3H/9	3P25U3H/9	9	3x3 pole	172
3P18U3H/12	3P25U3H/12	12	4x3 pole	235
3P18U3H/18	3P25U3H/18	18	6x3 pole	359
3P18U3H/24	3P25U3H/24	24	8x3 pole	484
3P18U3H/36	3P25U3H/36	36	12x3 pole	733
3P18U3H/48	3P25U3H/48	48	16x3 pole	982

Ⓢ For one pole spacing busbars, please consult Altech.

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