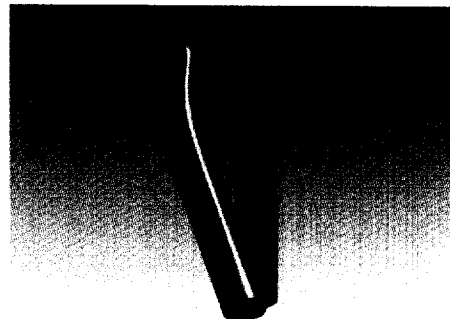
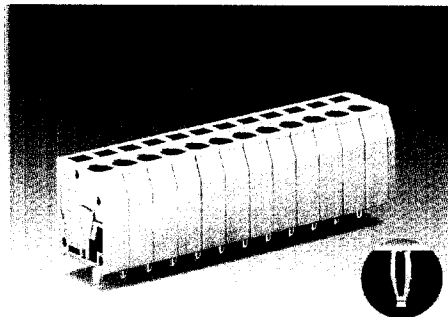


# 4 PCB Terminal Strips, Series 739, Pin Spacing 5 mm/0.197 in; Press In Technique

18 Front-entry

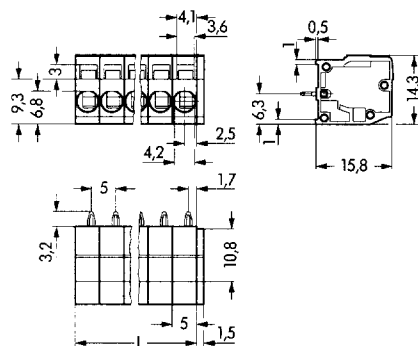
Pin spacing 5 mm / 0.197 in  
0.08 – 2.5 mm<sup>2</sup> | AWG 28 – 12  
250 V/4 kV/3, 8 A  
500 V/4 kV/2, 8 A  
8 – 9 mm / 0.33 in



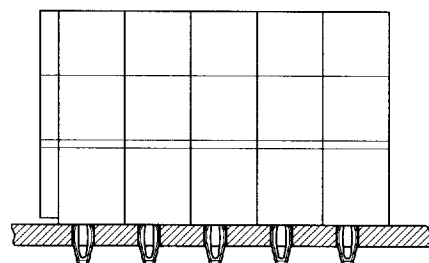
| No. of poles                                                                                                                                                                                                                                                                         | Item-No.        | Pack.-unit pcs |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| <b>Terminal strips, Press In Technique,</b><br>grey, standard lengths,<br><b>1 press-in pin/pole</b>                                                                                                                                                                                 |                 |                |
| 2                                                                                                                                                                                                                                                                                    | 739-102/100-000 |                |
| 3                                                                                                                                                                                                                                                                                    | 739-103/100-000 |                |
| 4                                                                                                                                                                                                                                                                                    | 739-104/100-000 |                |
| 5                                                                                                                                                                                                                                                                                    | 739-105/100-000 |                |
| 6                                                                                                                                                                                                                                                                                    | 739-106/100-000 |                |
| 7                                                                                                                                                                                                                                                                                    | 739-107/100-000 |                |
| 8                                                                                                                                                                                                                                                                                    | 739-108/100-000 |                |
| 9                                                                                                                                                                                                                                                                                    | 739-109/100-000 |                |
| 10                                                                                                                                                                                                                                                                                   | 739-110/100-000 |                |
| 12                                                                                                                                                                                                                                                                                   | 739-112/100-000 |                |
| Other lengths – contact factory                                                                                                                                                                                                                                                      |                 |                |
| <b>Accessories</b>                                                                                                                                                                                                                                                                   |                 |                |
|  <b>Marker cards,</b><br>computer marked<br>20 self-adhesive strips per card<br>1 – 16 (40 x) <b>249-161</b> 1 card<br>17 – 32 (40 x) <b>249-162</b> 1 card<br>1 – 32 (20 x) <b>249-164</b> 1 card |                 |                |
| <b>Dimensions (in mm)</b>                                                                                                                                                                                                                                                            |                 |                |

## Special features of the WAGO Press In Technique:

- press-in pin with special elastic contact zone according to the needle eye principle
- suitable for all printed circuit boards with the correct tin/lead plating for Press In connectors
- mechanically stable pin dimensions  
– 0.8 mm x 0.8 mm
- metal-plated hole with optimum diameter –  $1.45 \pm 0.02$  mm
- press-in pin for PCB thickness from 1.4 mm to 3 mm  
– (similar to DIN EN 60 352-5 EE 1,45 standard)
- press-in length of approx 3.2 mm long  
– no unnecessary projection on underside of PCB
- low press-in force required  
– advantage for both PCB and components
- high retention force within the PCB  
– (double the values required by DIN EN 60 352-5)
- good bonded connection
- excellent elastic spring behaviour
- no deformation of the metal-plated end hole
- length of the contact area  $\geq 1.3$  mm
- no deformation of multilayer PCBs
- only slight tin removal in the contact hole  
– advantage for PCB and the contact points
- application specific press-in tool – contact factory



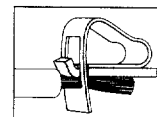
Diameter of metal-plated hole:  $\varnothing 1.45 \pm 0.02$  mm  
Recommended diam. of drilled hole:  $\varnothing 1.6 \pm 0.025$  mm  
L = No. of poles x pin spacing



# PCB Terminal Strips, Series 739, Pin Spacing 5 mm/0.197 in

Front-entry

**CAGE CLAMP®**  
CONNECTION

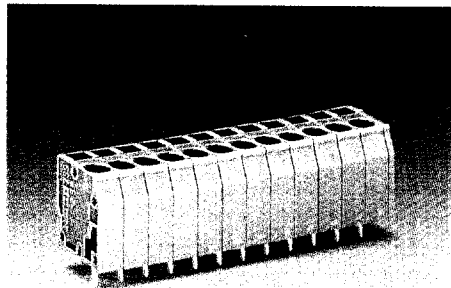


**4**  
19

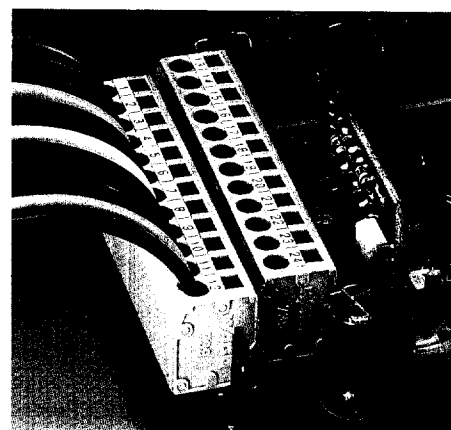
Pin spacing 5 mm / 0.197 in  
0.08 – 2.5 mm<sup>2</sup> | AWG 28 – 12  
250 V/4 kV/3, 12 A | 300 V, 12 A   
500 V/4 kV/2, 12 A

 8 – 9 mm / 0.33 in

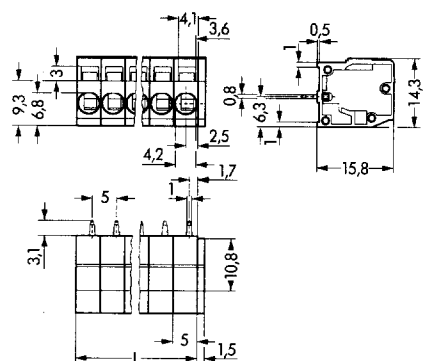
\* 



| No. of poles                                                                                                                                                                                                                                                                       | Item-No. | Pack.-unit pcs |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|--|
| <b>Terminal strips, grey, standard lengths, 1 solder pin/pole</b>                                                                                                                                                                                                                  |          |                |  |
| 2                                                                                                                                                                                                                                                                                  | 739-102  |                |  |
| 3                                                                                                                                                                                                                                                                                  | 739-103  |                |  |
| 4                                                                                                                                                                                                                                                                                  | 739-104  |                |  |
| 5                                                                                                                                                                                                                                                                                  | 739-105  |                |  |
| 6                                                                                                                                                                                                                                                                                  | 739-106  |                |  |
| 7                                                                                                                                                                                                                                                                                  | 739-107  |                |  |
| 8                                                                                                                                                                                                                                                                                  | 739-108  |                |  |
| 9                                                                                                                                                                                                                                                                                  | 739-109  |                |  |
| 10                                                                                                                                                                                                                                                                                 | 739-110  |                |  |
| 12                                                                                                                                                                                                                                                                                 | 739-112  |                |  |
| 16                                                                                                                                                                                                                                                                                 | 739-116  |                |  |
| 24                                                                                                                                                                                                                                                                                 | 739-124  |                |  |
| Other lengths – contact factory                                                                                                                                                                                                                                                    |          |                |  |
| <b>Accessories</b>                                                                                                                                                                                                                                                                 |          |                |  |
|  <b>Marker cards, computer marked</b><br>20 self-adhesive strips per card<br>1 – 16 (40 x) <b>249-161</b> 1 card<br>17 – 32 (40 x) <b>249-162</b> 1 card<br>1 – 32 (20 x) <b>249-164</b> 1 card |          |                |  |
| <b>Dimensions (in mm)</b>                                                                                                                                                                                                                                                          |          |                |  |



Saves space:  
By parallel arrangement on the PCB



Diameter of drilled hole: 1.6<sup>+0.1</sup> mm  
L = No. of poles x pin spacing

\* For international approvals (with corresponding ratings) see pages 10.3 – 10.38.