

# Elpress MultiCrimp

- System designed for low voltage applications (1 kV)



Unique system for aluminium crimping in the 1300 system. The system is designed for low voltage applications (1 kV) and is adapted for ground-covered cable. The number of punches and matrixes has decreased from the previous 21x (including prerounding) to 3 punches and 3 matrixes for the indent crimping of both round and sector-shaped Al conductors in the range 50-240 mm<sup>2</sup>.

### Properties:

- complete splice kits
- several area sizes can be crimped with 3 different sleeves
- round- and sector-shaped conductors in the same sleeve (without the need for the prerounding of conductors)
- punch stamping on the sleeve for secure traceability
- reduced number of punches and matrixes, from 21x to 6x
- reduced number of connections, from 7x to 3x (50-240 mm<sup>2</sup>)

*Specially designed to facilitate work on sector-shaped cables in distribution networks. Prerounding is no longer needed for sector-shaped conductors. The number of crimps has decreased for 5 conductors, from 2x to 1x crimping, using MultiCrimp (NOTE! the sizes 185 and 240 mm<sup>2</sup> with P185240D/M require two crimps). For industry and more demanding installations, use Elpress conventional contact crimping system with indent crimping.*

### Complete splice kits

| mm <sup>2</sup><br>Round and<br>sector-shaped<br>conductors<br>(Stranded/Solid) | Splice kit       | Number<br>of<br>crimps | System | Contents                                                                                        |
|---------------------------------------------------------------------------------|------------------|------------------------|--------|-------------------------------------------------------------------------------------------------|
| 50-95                                                                           | KHS-AS5095-1-4   | 1                      | 1300   | 4x sleeves,<br>4x internal hot shrink hose,<br>1x outer shrink hose,<br>1x cleaning kit, manual |
| 120-150                                                                         | KHS-AS120150-1-4 | 1                      | 1300   | 4x sleeves,<br>4x internal hot shrink hose,<br>1x outer shrink hose,<br>1x cleaning kit, manual |
| 185-240                                                                         | KHS-AS185240-1-4 | 2                      | 1300   | 4x sleeves,<br>4x internal hot shrink hose,<br>1x outer shrink hose,<br>1x cleaning kit, manual |

*When splicing screen guides, see table on the next page.*



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## Matrixes and punches

| mm <sup>2</sup><br>(Stranded/Solid) | Integrated Matrix | Punch      | Number of crimps | System |
|-------------------------------------|-------------------|------------|------------------|--------|
| 50-95                               | 13P5095M          | 13P5095D   | 1                | 1300   |
| 120-150                             | 13P120150M        | 13P120150D | 1                | 1300   |
| 185-240                             | 13P185240M        | 13P185240D | 2                | 1300   |

AS5095  
AS120150



## Connectors

| mm <sup>2</sup><br>Round and sector-shaped<br>conductors (Stranded/Solid) | Sleeve   | D<br>(mm) | d<br>(mm) | L<br>(mm) | Number<br>of crimps | System |
|---------------------------------------------------------------------------|----------|-----------|-----------|-----------|---------------------|--------|
| 50-95                                                                     | AS5095   | 25        | 14        | 130       | 1                   | 1300   |
| 120-150                                                                   | AS120150 | 32        | 17.6      | 131       | 1                   | 1300   |
| 185-240                                                                   | AS185240 | 37        | 25        | 150       | 2                   | 1300   |

## When splicing screen conductors

| Screen<br>conductors<br>(Cu) mm <sup>2</sup> | Sleeve | Die number | D<br>(mm) | d<br>(mm) | L<br>(mm) | Number of<br>crimps | System |
|----------------------------------------------|--------|------------|-----------|-----------|-----------|---------------------|--------|
| 15                                           | KSF16  | 9          | 6         | 9         | 35        | 1                   | 1300   |
| 12-29                                        | KSF25  | 11         | 8         | 11        | 35        | 1                   | 1300   |
| 41                                           | KSF35  | 13         | 9         | 13        | 35        | 1                   | 1300   |
| 57                                           | KSF50  | 14.5       | 11        | 14.5      | 45        | 1                   | 1300   |
| 72-88                                        | KSF70  | 17         | 13        | 17        | 45        | 1                   | 1300   |



## Insulation kit 1-4 (insulation only)

| mm <sup>2</sup><br>Cable area<br>(Stranded/<br>Solid) | KIT            | Shrink hose<br>mantle (mm)<br>before/after | Length<br>(mm) | Pcs. | Shrink hose<br>conductor (mm)<br>before/after | Length<br>(mm) | Pcs. |
|-------------------------------------------------------|----------------|--------------------------------------------|----------------|------|-----------------------------------------------|----------------|------|
| 50-95                                                 | KHS-5095-1-4   | 43/12                                      | 850            | 1    | 33/8                                          | 250            | 4    |
| 120-240                                               | KHS-120240-1-4 | 130/36                                     | 1000           | 1    | 85/25                                         | 300            | 4    |

