

## GREENLine HF90 H05Z-K / H07Z-K



### Applications:

GREENLine H05Z-K/H07Z-K is a XHFFR insulated flexible conductor. Suitable for power supply in buildings and internal wiring in electric cabinets, switchboards, motors and other electric equipment.

### Properties:

|                            |                |
|----------------------------|----------------|
| Conductor temperature      | -30°C to +90°C |
| Voltage Rating H05Z-K Uo/U | 300/500 V      |
| Voltage Rating H07Z-K Uo/U | 450/750 V      |

### Standards:

|               |                |
|---------------|----------------|
| Conductor     | IEC 60228,5    |
| Construction  | EN 50525-3-41  |
| Halogen free  | IEC 60754-1,-2 |
| Smoke density | IEC 61034-1,-2 |

### Approval

|                                             |                  |
|---------------------------------------------|------------------|
| CPR: 0,5mm <sup>2</sup> -2,5mm <sup>2</sup> | Intertek Semko   |
| CPR: 4mm <sup>2</sup>                       | Eca              |
| CPR: 6mm <sup>2</sup>                       | Dca- s1a, d2, a1 |
| CPR: 10mm <sup>2</sup> -240mm <sup>2</sup>  | Dca- s2, d2, a1  |
|                                             | Dca- s1a, d2, a1 |

| Construction           |                                                                                                                     |                                 |                           |                                                                 |                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------|-----------------------------------------------------------------|-------------------------|
| Conductor              | Bare or tinned flexible copper conductor                                                                            |                                 |                           |                                                                 |                         |
| Insulation             | XHFFR                                                                                                               |                                 |                           |                                                                 |                         |
| MBR fixed installation | 4xOD                                                                                                                |                                 |                           |                                                                 |                         |
| Marking                | GREENLine HF90 H05Z-K <size>mm <sup>2</sup> 500V AMO CE or GREENLine HF 90 H07Z-K <size>mm <sup>2</sup> 750V AMO CE |                                 |                           |                                                                 |                         |
| Colour                 | Customer choice - EN50525-1                                                                                         |                                 |                           |                                                                 |                         |
| Type Code              | Cross-section<br>[mm <sup>2</sup> ]                                                                                 | Insulation<br>thickness<br>[mm] | Outer<br>diameter<br>[mm] | Current rating installation in<br>open air, ambient 30°C<br>[A] | Total weight<br>[kg/km] |
| H05Z-K                 | 0,5                                                                                                                 | 0,6                             | 2,1                       | 12                                                              | 8                       |
| H05Z-K                 | 0,75                                                                                                                | 0,6                             | 2,3                       | 15                                                              | 11                      |
| H05Z-K                 | 1                                                                                                                   | 0,6                             | 2,5                       | 19                                                              | 13                      |
| H07Z-K                 | 1,5                                                                                                                 | 0,7                             | 2,9                       | 24                                                              | 19                      |
| H07Z-K                 | 2,5                                                                                                                 | 0,8                             | 3,6                       | 32                                                              | 30                      |
| H07Z-K                 | 4                                                                                                                   | 0,8                             | 4,1                       | 42                                                              | 44                      |
| H07Z-K                 | 6                                                                                                                   | 0,8                             | 4,7                       | 54                                                              | 62                      |
| H07Z-K                 | 10                                                                                                                  | 1,0                             | 6,0                       | 73                                                              | 108                     |
| H07Z-K                 | 16                                                                                                                  | 1,0                             | 7,0                       | 98                                                              | 160                     |
| H07Z-K                 | 25                                                                                                                  | 1,2                             | 8,6                       | 129                                                             | 243                     |
| H07Z-K                 | 35                                                                                                                  | 1,2                             | 9,9                       | 158                                                             | 336                     |
| H07Z-K                 | 50                                                                                                                  | 1,4                             | 11,5                      | 198                                                             | 473                     |
| H07Z-K                 | 70                                                                                                                  | 1,4                             | 14,0                      | 245                                                             | 673                     |
| H07Z-K                 | 95                                                                                                                  | 1,6                             | 15,5                      | 292                                                             | 879                     |
| H07Z-K                 | 120                                                                                                                 | 1,6                             | 17,7                      | 344                                                             | 1096                    |
| H07Z-K                 | 150                                                                                                                 | 1,8                             | 19,8                      | 391                                                             | 1366                    |
| H07Z-K                 | 185                                                                                                                 | 2,0                             | 21,7                      | 448                                                             | 1677                    |
| H07Z-K                 | 240                                                                                                                 | 2,2                             | 25,3                      | 528                                                             | 2398                    |
| S07Z-K                 | 300                                                                                                                 | 2,4                             | 28,2                      | 608                                                             | 2743                    |
| S07Z-K                 | 400                                                                                                                 | 2,6                             | 30,6                      | 726                                                             | 3727                    |