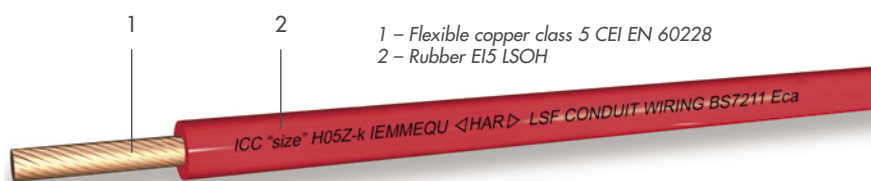


# H05Z-K H07Z-K

Flexible single core rubber insulated electric cables, with low emission of fumes and corrosive gases, sheathless, for general use. according to the Requirements of the European Construction Product Regulation CPR Class Eca.



| STANDARDS                                                                                                                                                                                                                                                                                                                                                                                                     | APPROVALS              | PACKAGING |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|
| EN 50525-3-41<br>BS 7211 Type 2491B                                                                                                                                                                                                                                                                                                                                                                           | <br><b>&lt;HAR&gt;</b> |           |
| <b>CHARACTERISTICS</b><br>Operating temperature: <b>+5°C ÷ +90° C on the conductor</b><br>Rated voltage: <b>H05Z-K: 300/500 V - H07Z-K: 450/750 V</b><br>Max temp. of short circuit: <b>250° C on the conductor (max duration 5 seconds)</b><br>Min bending radius: <b>Fixed installation: 4 x outer diam.</b>                                                                                                |                        |           |
| <b>FIRE PERFORMANCES</b><br>Reaction to fire: <b>Eca</b><br>Smoke production: <b>n.a.</b><br>Droplets: <b>n.a.</b><br>Acidity: <b>n.a.</b><br>Dangerous substances: <b>NPD</b><br>DoP Number: <b>DOP2017-010</b>                                                                                                                                                                                              |                        |           |
| <b>APPLICATIONS</b><br>H05Z-K: locations where a low level of emission of smoke and corrosive gases is required in case of fire or burning; installation inside appliances and in lighting fittings.<br>H07Z-K: locations where a low level of emission of smoke and corrosive gases is required in case of fire or burning; installation in surface-mounted or embedded conduits, or similar closed systems. |                        |           |



| Nominal size mm <sup>2</sup> | Max diameter of wires mm | Outer diameter mm | Cable weight Kg/Km |
|------------------------------|--------------------------|-------------------|--------------------|
| <b>H05Z-K</b>                |                          |                   |                    |
| 1x0,5                        | 0,21                     | 2,1               | 9                  |
| 1x0,75                       | 0,21                     | 2,3               | 12                 |
| 1x1                          | 0,21                     | 2,5               | 15                 |
| <b>H07Z-K</b>                |                          |                   |                    |
| 1x1,5                        | 0,26                     | 2,9               | 20                 |
| 1x2,5                        | 0,26                     | 3,6               | 30                 |
| 1x4                          | 0,31                     | 4,1               | 45                 |
| 1x6                          | 0,31                     | 4,7               | 65                 |
| 1x10                         | 0,41                     | 6,0               | 110                |
| 1x16                         | 0,41                     | 6,9               | 160                |
| 1x25                         | 0,41                     | 8,5               | 250                |
| 1x35                         | 0,41                     | 9,7               | 340                |
| 1x50                         | 0,41                     | 11,6              | 480                |
| 1x70                         | 0,51                     | 13,5              | 670                |
| 1x95                         | 0,51                     | 15,3              | 890                |
| 1x120                        | 0,51                     | 17,0              | 1140               |
| 1x150                        | 0,51                     | 18,9              | 1410               |
| 1x185                        | 0,51                     | 20,9              | 1710               |
| 1x240                        | 0,51                     | 23,8              | 2270               |