

## (H)07VVH6-F

flat cable



### Construction

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Conductor</b>  | flexible stranded bare copper class 5 acc. to EN 60228                                                      |
| <b>Insulation</b> | special PVC compound according to EN 50363-3 TI 2                                                           |
| <b>Layout</b>     | cores lay in parallel groups                                                                                |
| <b>Separation</b> | talcum for elements - sheath separation                                                                     |
| <b>Sheath</b>     | special PVC compound according to EN 50363-4-1 TM 2<br>black similar to RAL9005<br>surface without knurling |

### Cores identification

| cores | without green-yellow (x)            | with green-yellow (G)                              |
|-------|-------------------------------------|----------------------------------------------------|
| 4     | blue+brown+black+grey               | green-yellow+brown+black+grey                      |
| 5     | blue+brown+black+grey+black         | green-yellow+brown+black+grey+blue                 |
| >5    | white insulation with black numbers | white insulation with black numbers + green-yellow |

### Cable marking example

DRAKA 07 (H)07VVH6-F 24G1,5 order number I meter mark Made in EU

Repeated without meter mark in half of meter

### Application

Flat, flexible cable for general purposes and for special applications in travelling cranes and hoists, indoor use.

### Technical specification

| Maximum Free Suspension Length<br>m | Maximum Travelling Speed<br>m/s | Operating temp. |      | Minimum bending radius | Standards           |
|-------------------------------------|---------------------------------|-----------------|------|------------------------|---------------------|
|                                     |                                 | min.            | max. |                        |                     |
| 35                                  | 1,6                             | -15,0           | 70,0 | EN 50565-1             | Similar to EN 50214 |

### Electrical data

| Element                         | Rated Voltage<br>U <sub>0</sub> /U<br>V | Test voltage<br>Core-Core<br>V | Resistance<br>Ω/km |
|---------------------------------|-----------------------------------------|--------------------------------|--------------------|
| Power cores 1,5 mm <sup>2</sup> | 450/750                                 | 2500                           | 13,3               |

