

HVI P LO 90 27 L6...35M SW (819 163)



Figure without obligation

High-voltage-resistant, insulated down conductor for maintaining the separation distance from electrically conductive parts according to IEC 62305-3.

Equivalent separation distance $s \leq 90$ cm (in air) or $s \leq 180$ cm (solid building material).

The following maximum cable lengths therefore apply for the down conductor, depending on the class of lightning protection system (LPS):

LPS I max. 11.25 m

LPS II max. 15.0 m

LPS III/IV max. 22.50 m

The HVI power long Conductor meets the requirements of DIN IEC/TS 62561-8 (VDE V 0185-561-8).

Processing temperature -5 to $+40$ °C and permanent temperature range (in case of fixed installation) of -30 to $+70$ °C to be observed.

HVI power long Conductor cut to length as a coil for on-site assembly.

| Type | HVI P LO 90 27 L6...35M SW |
|---|---------------------------------------|
| Part No. | 819 163 |
| Material of conductor | Cu |
| Material of insulation | PE |
| Material of sheath | PE |
| Colour of conductor | black • |
| RAL colour | similar to 9011 |
| Cross section of core | 25 mm ² |
| Lightning current carrying capability (class / I _{imp}) | H2 / 200 kA |
| Equivalent separation distance s (in air) | ≤ 90 cm |
| Diameter Ø conductor | 27 mm |
| Connection diameter | 10 mm |
| Characteristics of sheath | UV stabilised and weather resistant |
| Material of connection elements | StSt |
| Minimum order length | 6 m |
| Maximum order length | 35 m |
| Standard | DIN IEC/TS 62561-8 (VDE V 0185-561-8) |
| Weight | 4,36 kg |
| Customs tariff number (Comb. Nomenclature EU) | 85446010 |
| GTIN | 4013364280199 |
| PU | 1 pc(s) |

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.