

HVI P LO 90 27 L36...80M SW (819 161)



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, on reels, for on-site assembly.

Type	HVI P LO 90 27 L36...80M SW
Part No.	819 161
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	36 m
Maximum order length	80 m
Standard	DIN IEC/TS 62561-8 (VDE V 0185-561-8)
Weight	25,97 kg
Customs tariff number (Comb. Nomenclature EU)	85446010
GTIN	4013364281646
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.