

HVI P RIV 90 27 L6M SW (819 160)



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.

Pre-assembled HVI power Conductor model with a head piece and a connection element (enclosed loose)

Type	HVI P RIV 90 27 L6M SW	
Part No.	819 160	
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 mm²	
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	
Pull-out force with a length of 500#mm	200 N (supporting tube insulator as per 62561-8)	
Bending force with a length of 500#mm	200 N (supporting tube insulator as per 62561-8)	
Standard	DIN IEC/TS 62561-8 (VDE V 0185-561-8)	
Weight	4,8 kg	
Customs tariff number (Comb. Nomenclature EU)	85446010	
GTIN	4013364152298	
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.