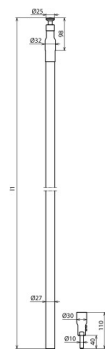


HVI P RIV 90 27 L6M SW (819 160)



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 $s \leq 90\text{ cm}$ (in air) or $s \leq 180\text{ cm}$ (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 $+40\text{ }^{\circ}\text{C}$ and permanent temperature range (in case of fixed installation) of -30 to $+70\text{ }^{\circ}\text{C}$ 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.