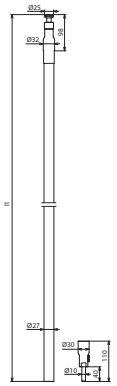
HVI power Conductor

HVI P RIV 90 27 L6M SW (819160)





Dimension drawing

High-voltage-resistant, insulated down conductor for maintaining the separation distance from electrically conductive parts as per DIN EN 62305-3 (VDE 0185-305-3).

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

Depending on the protection class of the lightning protection system (LPS), the following maximum cable lengths can therefore be achieved for a down conductor:
LPS I max. 11.25 m
LPS II max. 15.0 m
LPS III/IV max. 22.5 m

The HVI power long Conductor meets the requirements of DIN IEC/TS 62561-8 (VDE V 0185-561-8).
The processing temperature -5 to +40°C and the permanent temperature range (with fixed installation) from -30 to +70°C must be observed.

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

Please specify conductor length when ordering (0.5-m increments).

Type	**HVI P RIV 90 27 L6M SW**
Part No.	**819160**
Material of conductor	**Cu**
Material of insulation	**PE**
Sheath material	**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 (air)	≤ 90 cm
Diameter Ø conductor	27 mm
Characteristics of sheath	UV stabilised and weather resistant
Minimum order length	6 m
Max. 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 EN IEC 62561-8 (VDE 0185-561-8)

Masterdata	
Net weight	4.8 kg/pc(s)
Customs tariff number (Comb. Nomenclature EU)	85446010
GTIN	4013364152298
PU	1 pc(s)

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.

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: Tested • NEU: New • !: Discontinued Model
: Cross connector • : Longitudinal connector • : Parallel connector • : T connector • : Clamp for parallel connector • : Clamp for T connector
: Pipe clamp for parallel connector • : Pipe clamp for T connector • : Equipotential bonding bar • : Bridging component