

Foundation earth electrodes

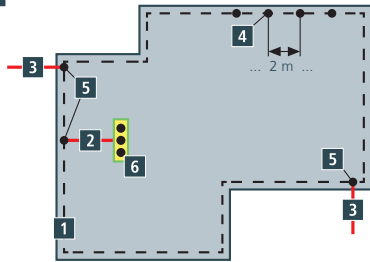
according to DIN 18014 and IEC 62305-3



Foundation earth electrode with connecting parts

Foundation earth electrode 1

- Round wire, $\varnothing 10$ mm or strip 30×3.5 mm St/tZn
- At least 5 cm concrete cover
- Closed ring
- Connected to the reinforcement at intervals of 2 m via a clamp 4



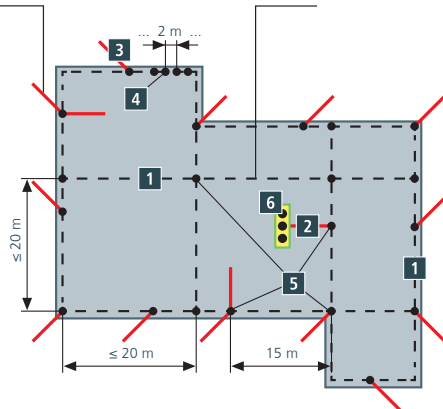
Connecting part 2 to the main earthing busbar 6 and Connecting part 3 for external lightning protection with SV clamp 5

Foundation earth electrode / intermeshing

Connection lug

e.g. according to class of LPS III every 15 m

additional connecting line for mesh formation $\leq 20 \times 20$ m

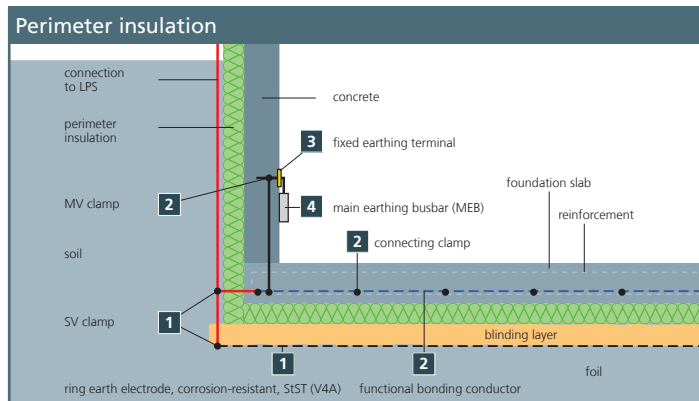
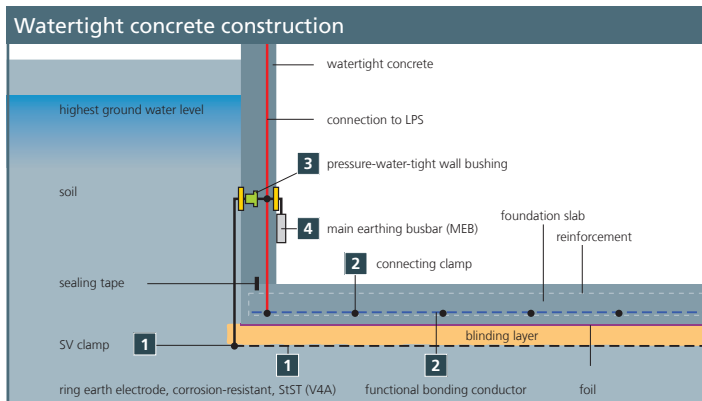


1	Material for foundation earth electrode (in concrete)	Part No.
	Round wire, St/tZn, $\varnothing 10$ mm PU: 30 m PU: 81 m	800 310 800 010
	Strip, St/tZn, 30×3.5 mm PU: 25 m	852 335
2 3	Connecting parts (corrosion protected)	
	Round wire, StSt (V4A), $\varnothing 10$ mm Length 1.5 m, straightened PU: 5 pcs.	860 115
	Strip, StSt (V4A), 30×3.5 mm Length 1,5 m, straightened PU: 5 pcs.	860 215
	Round wire with plastic sheath St/tZn, $\varnothing 10$ mm PU: 50 m	800 110
	Fixed earthing terminal, StSt (V4A), PU: 10 pcs.	478 011
	End cap for terminal lugs, PVC PU: 20 pcs.	478 099
4 5	Clamps	
	Rebar clamp DEHNclip, St/bare Rd 6*/Rd 10 Rd 8*/Rd 10 Rd 10*/Rd 10 Rd 12*/Rd 10 PU: 50 pcs.	308 130 308 131 308 132 308 133
	Rebar clamp DEHNclip, St/bare Rd 6*/FI 30 x 3-4 Rd 8*/FI 30 x 3-4 Rd 10*/FI 30 x 3-4 Rd 12*/FI 30 x 3-4 PU: 50 pcs.	308 140 308 141 308 142 308 143

4 5	Clamps	Part No.
	Connecting clamp for round wires, St/tZn Rd 6-10/Rd 6-10 mm Rd 6-10/FI 30 mm PU: 50 pcs.	308 025
	Connecting clamp, St/tZn Rd 6-10/Rd 6-10 mm FI 30/FI 30 mm PU: 25 pcs.	308 026
	SV clamp, St/tZn Rd 7-10/FI 30 mm PU: 25 pcs.	308 220
	Cross unit, St/tZn Rd 8-10/FI 30 mm FI 30/FI 30 mm PU: 25 pcs.	319 201
	U-clamp, St/bare Rd 6-20*/Rd 6-10 mm Rd 6-20*/FI 30 mm FI 30/FI 30 mm PU: 25 pcs.	308 031
6	Main earthing busbar/equipotential bonding bar	
	Connecting clamp with threaded bolt for connection to the fixed earthing terminal, StSt (V4A) PU: 10 pcs.	478 129
	Equipotential bonding bar K12 PU: 1 piece	563 200
	End piece for connecting the equipotential bonding bar to a wall bushing or fixed earthing terminal, StSt PU: 50 pcs.	390 499

Ring earth electrode, functional bonding conductor

in case of increased earth contact resistance (e.g. watertight concrete, watertight concrete construction, perimeter insulation)



1 Material for ring earth electrode		Part No
	Round wire, StSt (V4A), Ø10 mm PU: 80 m PU: 21m	860 010 860 020
	Strip, StSt (V4A), 30 x 3.5 mm PU: 25 m PU: 60 m	860 325 860 335
	SV clamp, StSt (V4A), Rd 7-10/Rd 7-10 mm PU: 25 pcs.	308 229
	Cross unit, StSt (V4A) Rd 8-10 /FI 30 mm PU: 25 pcs.	319 209
	Anti-corrosion tape (for wrapping around, above-/underground connections) PU: 24 pcs. width: 50 mm PU: 12 pcs. width: 100 mm	556 125 556 130
2 Functional bonding conductor and clamps		
	Round wire, St/tZn, Ø10 mm PU: 30 m PU: 81 m	800 310 800 010
	Strip, St/tZn 30 x 3.5 mm PU: 25 m	852 335
	MV clamp for round wires, St/tZn, Rd 8-10 mm PU: 50 pcs.	390 050
	Connecting clamp for round wires St/tZn, Rd 6-10/Rd 6-10 mm, PU: 50 pcs.	308 025
	Rebar clamp DEHNclip, St/bare Rd 6*/Rd 10 Rd 8*/Rd 10 Rd 10*/Rd 10 Rd 12*/Rd 10 PU: 50 pcs.	308 130 308 131 308 132 308 133

	Rebar clamp DEHNclip, St/bare Rd 6*/FI 30 x 3-4 Rd 8*/FI 30 x 3-4 Rd 10*/FI 30 x 3-4 Rd 12*/FI 30 x 3-4 PU: 50 pcs.	308 140 308 141 308 142 308 143
3 Wall bushing/fixed earthing terminal		Part No
	Pressure-water-tight wall bushing, StSt (V4A) PU: 1 piece	478 530
	Pressure-water-tight wall bushing for earth electrodes, StSt (V4A) PU: 1 piece	478 410
	Fixed earthing terminal, StSt (V4A), PU: 10 pcs.	478 011
4 Main earthing busbar (MEB)		
	Connecting clamp with threaded bolt for connection to fixed earthing terminal, StSt (V4A) PU: 10 pcs.	478 129
	Equipotential bonding bar K12 PU: 1 piece	563 200
	End piece for connection to the equipotential bonding bar, StSt PU: 50 pcs.	390 499
Earth rod (additional)		
	Earth rod, StSt (V4A), Ø 20 mm Length 1.5 m PU: 6 pcs.	620 902
	Driving spike, MCI/tZn Ø 20 mm PU: 100 pcs.	620 001
	Terminal bracket for earth rods, StSt (V4A) Rd 20/Rd 7-10 mm, FI 40 mm PU: 20 pcs.	620 915

* nominal diameter d_s of the reinforcement (in mm)