

# Protective-Conductor and Earth Terminals

We can produce and assemble according  
to standards or your individual specifications.



To simplify manufacturing and assembly.

Pre-assembled clamp assembly group is simply pressed-in at the appropriate position.

Protection in case of indirect contact - the fault protection unit has the task to switch off or avoid dangerous high touch voltage.

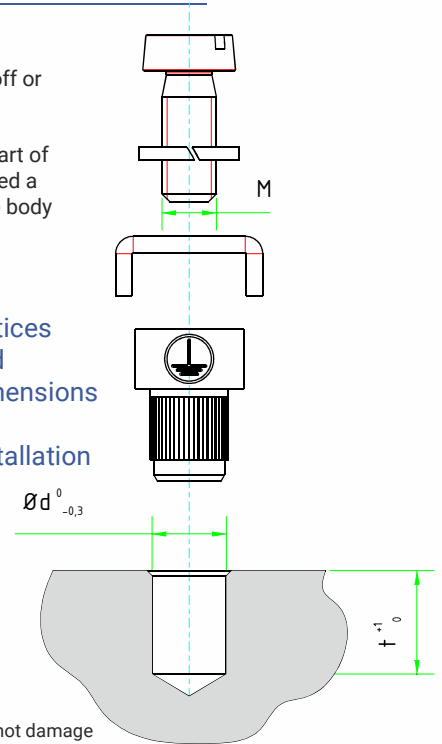
Indirect contact always occurs when a normally voltage-free, electrically conductive part of a system carries a voltage to earth in the event of a fault. An insulation fault has caused a short circuit in the system, which leads to the error voltage. The touch voltage and the body current through the touching person depend on the site resistance.

The fault protection has the task of switching off or preventing dangerous contact voltages. With properly installed grounding and equipotential bonding, fuses and residual current devices (RCD) isolate a faulty system from the supply network.


In a TN-system, all bodies of the connected systems must be conductively connected to the star point of the supply network by protective conductors or the common protective earth neutral (PEN). The error case then leads to a short circuit and the triggering of the fuses.

	Nominal cross - section mm <sup>2</sup>		
	1,5	4,0	10,0
Diameter (mm <sup>2</sup> )	1,5	4,0	10,0
M	M4	M5	M6
Ød <sub>Alu</sub>	4,9	6,9	8,8
Ød <sub>Steel</sub>	5,0	7,0	8,9
t	8	9,5	10

Notices and dimensions for installation



Please note!  
Make sure that when you press in the base, you do not damage the inner thread (do not hammer or similar)

Product Overview							
	Description	Base material	Thread	Nominal cross-section	For conductor cross-section		Item number
					Stranded	Solid	
	Earth Terminals	Brass nickel-plated	M4	1,5 mm <sup>2</sup>	1,5	2,5	40xxx
			M5	4,0 mm <sup>2</sup>	4,0	6,0	40xxx
			M6	10,0 mm <sup>2</sup>	10,0	10,0	40xxx
		Stainless steel 1.4305	M4	1,5 mm <sup>2</sup>	1,5	2,5	40xxx
			M5	4,0 mm <sup>2</sup>	4,0	6,0	40693
			M6	10,0 mm <sup>2</sup>	10,0	10,0	40xxx
	Protective-Conductor	Brass nickel-plated	M4	1,5 mm <sup>2</sup>	1,5	2,5	40638
			M5	4,0 mm <sup>2</sup>	4,0	6,0	40xxx
			M6	10,0 mm <sup>2</sup>	10,0	10,0	40xxx
		Stainless steel 1.4305	M4	1,5 mm <sup>2</sup>	1,5	2,5	40662
			M5	4,0 mm <sup>2</sup>	4,0	6,0	40663
			M6	10,0 mm <sup>2</sup>	10,0	10,0	40xxx

Please contact us, we will be happy to advise you individually: