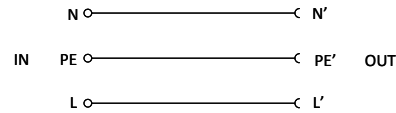
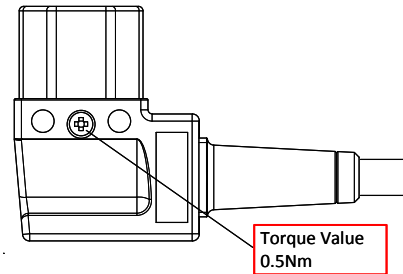
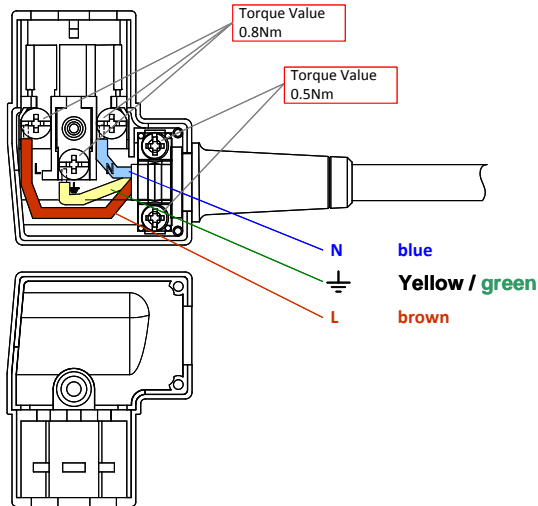
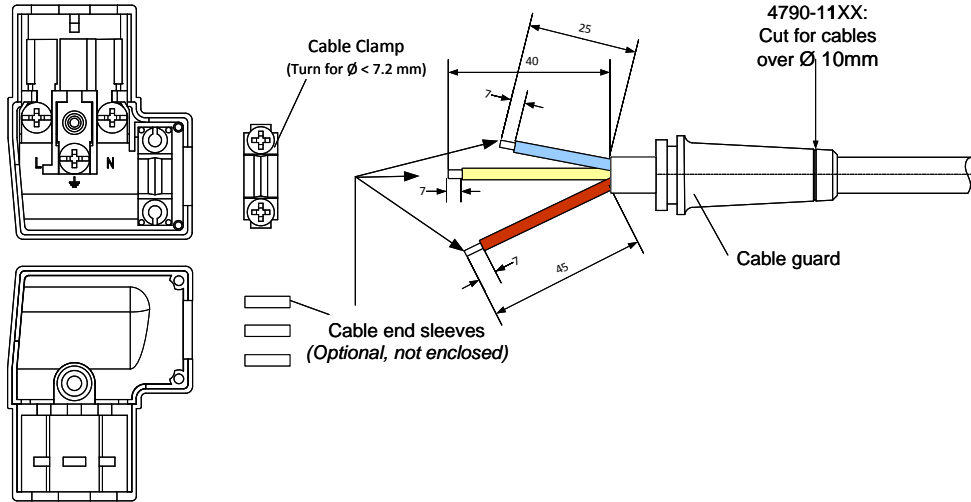


### 1. Wiring for 4790



### Applicable Cable Types

IEC				
Type	Cable Type <sup>1)</sup>	Wire Size min. <sup>2)</sup>	max.	Cable Ø max.
4790	H05VV-F 3G	3x 1.00 mm <sup>2</sup>	3x 1.50 mm <sup>2</sup>	10.4mm
	H05RR-F 3G	3x 1.00 mm <sup>2</sup>	3x 1.50 mm <sup>2</sup>	10.4mm

UL				
Type	Cable Type <sup>3)</sup>	Wire Size min.	max.	Cable Ø max.
4790	SV...	3x AWG 16	3x AWG 16	10.4mm
	SJ...	3x AWG 16	3x AWG 14	10.4mm

1) Harmonized wire coding in accordance with IEC60227-5 respectively IEC60245-4.  
 2) If cord has a length exceeding 2m, nominal cross-sectional areas shall be 1.5mm<sup>2</sup> or more.  
 3) Types according to UL 62 which begins with the given letters (i.e. SV... includes SV, SVT, SVE etc.).

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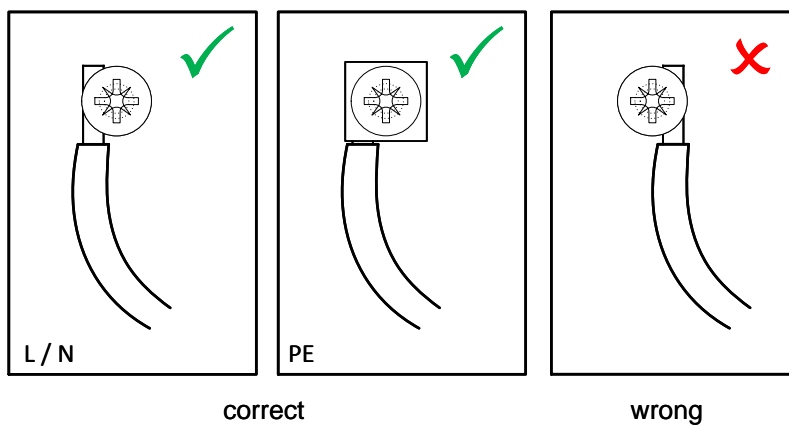
## 2. Assembly Instruction

### Disconnect power before wiring.

Keep removed piece parts at a safe place to have them ready for reassembling.

1. Loosen cover screw and remove cover.
2. Loosen cable clamp screws and remove cable guard.
3. Insert cord into PVC-cable guard.
4. Remove outer jacket on cord 45 mm. Make sure not to hurt insulation of single conductors.
5. Strip bare each copper conductor 7 mm and crimp on multicore cable ends. Do not strip more than 7 mm.
6. Loosen terminal screws but do not remove screws.

For connecting wires to terminals insert bare ends of conductors from left side of terminal screw according to figure below. Make sure that no copper strands splice off when connecting conductors to clamps.



7. Connect green or green/yellow (ground) wire to center clamp marked with ground symbol.
8. Connect blue (white or light grey) wire to clamp marked „N“ (neutral).
9. Connect brown (black / “hot”) wire to clamp marked „L“ (line).
10. Tighten all wire clamp screws with a torque of 0,8 Nm.
11. Insert shoulder of PVC-cable guard into cutout of base unit.
12. Assemble cable clamp over cut-off end of outer jacket of the cord and tighten cable clamp screws with a torque of 0,5 Nm.
13. Assemble cover unit and tighten cover screw with a torque of 0,5 Nm.

**Warning: Failure to wire as instructed may cause personal injury or damage to device or equipment. To be installed or checked by an qualified person only. For factory assembly only.**

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