

File E313242
Project 07SR1942230

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REPORT

On

GROUNDING AND BONDING EQUIPMENT

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NEUMARKT, GERMANY

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DESCRIPTION

PRODUCT COVERED: Ground Clamp, Cat. No. 308 040; Fixed Grounding Terminal Cat. No. 478 049.

Evaluated to UL467 Seventh Edition Standard for Grounding and Bonding Equipment.

GENERAL CHARACTER AND USE:

Cat. No. 308 040 is a bare steel grounding clamp and is intended to provide a means for grounding parallel and cross connection copper grounding rods to steel armor rods for embedment in concrete.

Cat. No. 478 049 Fixed Grounding Terminal is a 0.40 in. dia. by approx. 8 in. rod with a M10 or M12 bolt. It is intended to be used for connection with the reinforcement of buildings, connecting point for down conductors and transient/resistance test measuring point. The maximum size grounding conductor permitted in 6 AWG.

CONSTRUCTION DETAILS:

The construction details and dimensions of Cat. No. 308 040 are as outlined in illustration 1.

The construction details and dimensions of Cat. No. 478 049 are as outlined in Illustration 2.

RATINGS:

Cat. No.	Grounding Rod	Steel Armor Rod	Torque
308 040	50 mm ²	615 mm ²	221 in-lb

Cat. No.	Grounding Conductor	Grounding Rod	Torque
478 049	AWG 6 (16mm ²) Max.	78 mm ²	221 in-lb

MARKING:

Each device shall be marked with the following:

1. The manufacturer's name or trademark
2. Catalog number or type
3. Grounding Rod and Steel Armor Rod sizes for Cat. No. 308 040
4. Grounding Conductor size for Cat. No. 478 049

INSTALLATION INSTRUCTIONS:

Refer to ILL. 3 for Cat. No. 478 049 Fixed Grounding Terminal Installation Instructions.