CUSPGN-AL
Single Point Grounding System

CUSPGN-AL is NexTek's single point ground system. This kit features an aluminum plate that is 12"L x 6"H and protects equipment by attaching mounting brackets and surge arrestors to a common grounding point. This unit is ideal for small and medium installs. Please use appropriate hardware for your mounting needs. Contact sales@nextek.com for support and consultation regarding specific requirements.

Features:

- 18"L x 7.04"H x 0.75"W
- 16" on-center mounting holes
- Plywood base
- Aluminum with tin finish ground plane
- Ground with wire(s)

- Exterior or interior use
- Outstanding fastening (screw and nail) holding
- Solid board
- RoHS Compliant

Applications:

- Any system that requires grounding

Other Single Point Ground Models:

- CUSPGN
- CUSPGN-CU
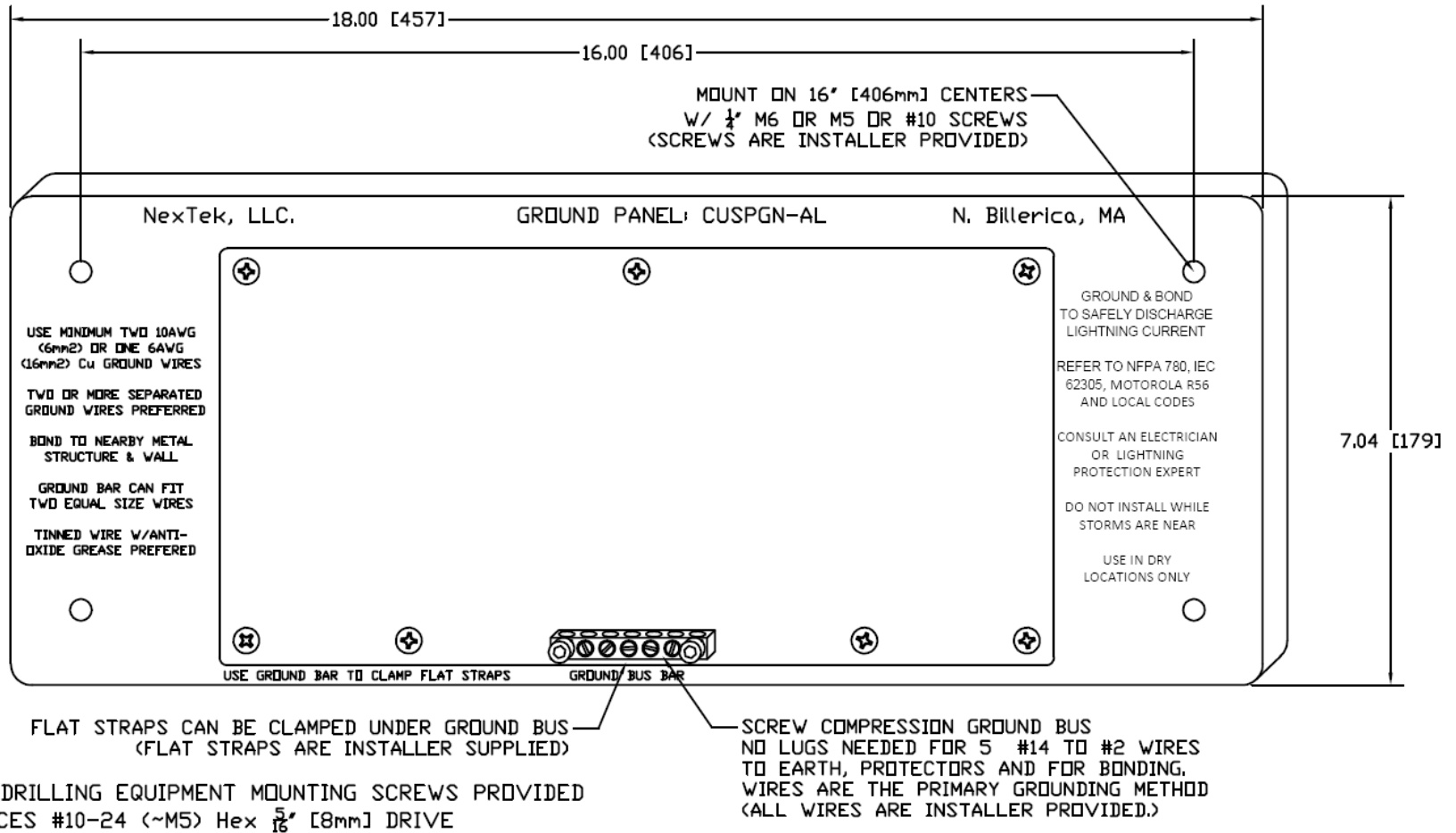
CUSPGN-AL
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Outline Drawing:

6"X12" [155mmX310mm] GROUND PANEL – IDEAL FOR SMALL AND MEDIUM INSTALLS
Cu/Al RATED FINISH ALUMINUM PLATE FOR CONNECTION TO A WIDE RANGE OF METALS
STRAP TOGETHER FOR LARGER NEEDS.

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16.00 [406]

MOUNT ON 16" [406mm] CENTERS
W/ ¼" M6 OR M5 OR #10 SCREWS
(SCREWS ARE INSTALLER PROVIDED)

NexTek, LLC.   GROUND PANEL: CUSPGN-AL   N. Billerica, MA

USE MINIMUM TWO 10AWG
(6mm2) OR ONE 6AWG
(16mm2) Cu GROUND WIRES

TWO OR MORE SEPARATED
GROUND WIRES PREFERRED

BOND TO NEARBY METAL
STRUCTURE & WALL

GROUND BAR CAN FIT
TWO EQUAL SIZE WIRES

TINNED WIRE W/ANTI-
OXIDE GREASE PREFERED

GROUND & BOND
TO SAFELY DISCHARGE
LIGHTNING CURRENT

REFER TO NFPA 780, IEC
62305, MOTOROLA R56
AND LOCAL CODES

CONSULT AN ELECTRICIAN
OR LIGHTNING
PROTECTION EXPERT

DO NOT INSTALL WHILE
STORMS ARE NEAR

USE IN DRY
LOCATIONS ONLY

7.04 [179]

USE GROUND BAR TO CLAMP FLAT STRAPS   GROUND BUS BAR

FLAT STRAPS CAN BE CLAMPED UNDER GROUND BUS
(FLAT STRAPS ARE INSTALLER SUPPLIED)

SCREW COMPRESSION GROUND BUS
NO LUGS NEEDED FOR 5 #14 TO #2 WIRES
TO EARTH, PROTECTORS AND FOR BONDING.
WIRES ARE THE PRIMARY GROUNDING METHOD
(ALL WIRES ARE INSTALLER PROVIDED.)

SELF DRILLING EQUIPMENT MOUNTING SCREWS PROVIDED
6 PIECES #10-24 (~M5) Hex 5/16" [8mm] DRIVE

NexTek