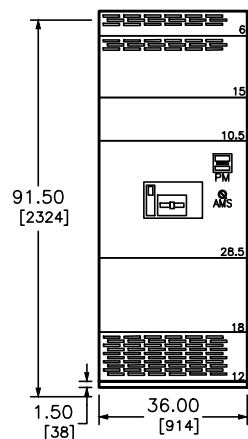
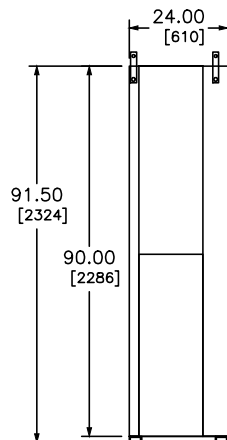


TOP VIEW — FRONT



FRONT VIEW



LEFT SIDE VIEW

SWITCHBOARD GENERAL NOTES — SERIES 2  
PRODUCT DESCRIPTION & RATINGS

POWER SYSTEM DATA

480Y/277V 3PH 4W 60Hz / 3 PHASE WYE  
SOLIDLY GROUND  
SYSTEM SHORT CIRCUIT CURRENT RATING: 65KA RMS  
INCOMING SECTION CABLE THROUGH THE BOTTOM

BUS SYSTEM DATA

2500A SILVER PLATED COPPER MAIN BUS  
(4) .25X2.00/[6X51] CU BUS BAR PER PHASE  
(2) .25X5.00/[6X127] CU BUS BAR PER NEUTRAL  
(1) .25X1.25/[6X31] CU GROUND BUS

ENCLOSURE DATA

TYPE 1 FREE STANDING  
EXTERIOR PAINT COLOR: ANSI 49  
FRONT ACCESSIBILITY ONLY REQUIRED  
HANDLING: ROLLERS & LIFTING ASSEMBLIES

ESTIMATED SHIPPING WEIGHT

822.00 LBS/372.86 kgs

CODE STANDARDS

UL DEADFRONT AND SUITABLE FOR USE AS SERVICE ENTRANCE  
WHEN NOT MORE THAN SIX (6) DISCONNECTING MEANS ARE PROVIDED

RATING NAMEPLATES

ST1 — SERVICE ENTRANCE — SECTION BUS 2500A

PRODUCT INFORMATION

WIRING

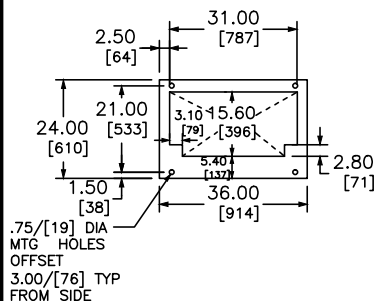
ALL WIRING TO BE MACHINE TOOL WIRE TYPE

INSTRUCTION BULLETINS

REFERENCE 80043-055 FOR HANDLING, INSTALLATION,  
ANCHORING, INSPECTION AND MAINTENANCE INFORMATION

PRODUCT ACCESSORIES/OPTIONS

SEISMIC QUALIFIED  
24V TRIP UNIT DISPLAY POWER  
LOCALLY MOUNTED AMS SWITCH



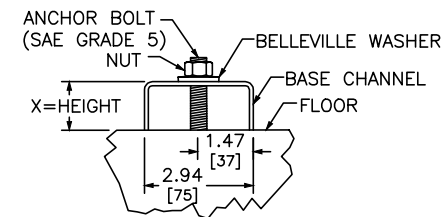
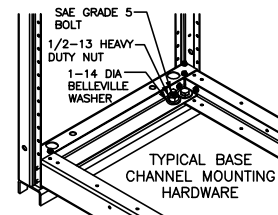
FLOOR PLAN — FRONT

REQUIREMENTS FOR SEISMIC RATING

ANCHORING CONDITIONS:

TO MAINTAIN SEISMIC QUALIFICATIONS, EQUIPMENT MUST BE INSTALLED PER MANUAL (SEE GENERAL NOTES) AND PER ANY SEISMIC ANCHORING DETAILS PROVIDED BY OTHERS. DO NOT INSTALL EQUIPMENT BEFORE APPROVED SEISMIC ANCHORING DETAILS HAVE BEEN OBTAINED AND SITE PREPARATIONS HAVE BEEN MADE IN ACCORDANCE WITH THE APPROVED SEISMIC ANCHORING DETAILS. ALL POST-INSTALLED ANCHORS SHALL BE APPROVED FOR SEISMIC LOADS.

CONSIDERATION MUST BE MADE FOR CONDUIT ENTRY INTO EACH SECTION WHEN DEVELOPING MOUNTING PAD REINFORCEMENT LOCATIONS. SEE CONDUIT ENTRY DETAILS (FLOOR PLAN) FOR DIMENSIONAL INFORMATION.



MOUNTING DETAILS

EACH SECTION MUST BE ANCHORED AT ALL LOCATIONS (REFER TO FLOOR PLAN AND MOUNTING DETAIL ABOVE). ANCHOR BOLT MOUNTING POINTS ARE .75/[19] DIAMETER HOLES LOCATED 1.50/[38] OR 3.00/[76] ABOVE THE BASE OF THE SECTION. USE DIMENSIONS FROM THE FLOOR PLAN TO DETERMINE MOUNTING LOCATIONS.

THE BELLEVILLE WASHER (SHOWN IN DETAIL ABOVE) USED FOR ANCHORING CONNECTIONS IS A TESTED COMPONENT AND IS REQUIRED TO MAINTAIN POSITION RETENTION OF THE EQUIPMENT. THE SLIP CRITICAL CONNECTION PERFORMANCE OF THE BOLTED CONNECTION WAS ESTABLISHED TO THE SHAKE TABLE TESTED SEISMIC CAPACITY OF THE EQUIPMENT AS SHOWN ON THE EQUIPMENT SEISMIC CERTIFICATE SUPPLIED AT THE TIME OF ORDER.

CENTER OF GRAVITY CALCULATIONS:

ELEVATION CENTER OF GRAVITY: 55.00/[1387] UP FROM FLOOR  
VERTICAL CENTER OF GRAVITY: USE CENTERLINE OF SECTION FROM LEFT TO RIGHT  
DEPTH CENTER OF GRAVITY: USE CENTERLINE OF SECTION FROM FRONT TO REAR

DUAL DIMENSIONS: INCHES  
MILLIMETERS

QED SWITCHBOARD



DWG# SBJ342500MB01  
NO.