



# LOW VOLTAGE METAL ENCLOSED SWITCHGEAR - ELECTRICAL DATA SHEET

DOCUMENT NO. **DS 12-102**

JOB NO. \_\_\_\_\_ ITEM / TAG NO. \_\_\_\_\_  
PURCHASE ORDER NO. \_\_\_\_\_  
REQ. / SPEC. NO. \_\_\_\_\_  
REVISION NO. \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_  
PAGE **1** OF **3**

1 FOR/USER \_\_\_\_\_ EQUIPMENT \_\_\_\_\_  
2 SITE/LOCATION \_\_\_\_\_ SWGR. MANUFACTURER \_\_\_\_\_  
3 SWGR. VENDOR \_\_\_\_\_ SUPPLIER PROJECT NO. \_\_\_\_\_

4 Applicable To: ☐ Proposal ☐ Purchase ☐ As built  
5 NOTE: ☐ DATA SHEET ☐ INDICATES INFO. TO BE ☐ BY MANUFACTURER ☐ BY MANUFACTURER ☐ BY MANUFACTURER OR  
STATUS ☐ COMPLETED BY PURCH. ☐ WITH PROPOSAL ☐ AFTER ORDER ☐ PURCHASER AS APPLICABLE

## Basic Data

### SWITCHGEAR NAMEPLATE LETTERING:

7 LINE NUMBER 1 \_\_\_\_\_  
8 LINE NUMBER 2 \_\_\_\_\_  
9 LINE NUMBER 3 \_\_\_\_\_

### SITE CONDITIONS:

12 ALTITUDE: \_\_\_\_\_ FT SEISMIC ZONE: \_\_\_\_\_  
13 AMBIENT TEMPERATURE MAX.: \_\_\_\_\_ °C MIN: \_\_\_\_\_ °C  
14 HUMIDITY: \_\_\_\_\_ OTHER: \_\_\_\_\_  
15 ☐ NON CLASSIFIED  
16 ☐ CLASSIFIED  
17 AREA CLASS: \_\_\_\_\_ DIV/ZONE: \_\_\_\_\_ GROUP: \_\_\_\_\_  
18 AUTO IGNITION TEMP.: \_\_\_\_\_ °C  
19 OTHER: \_\_\_\_\_

### SYSTEM PARAMETERS:

22 \_\_\_\_\_ VOLTS \_\_\_\_\_ PHASE \_\_\_\_\_ HERTZ  
23  
24 ☐ SOLIDLY GROUNDED ☐ RESISTANCE GROUNDED  
25 \_\_\_\_\_ AMPS  
26 ☐ THREE-WIRE ☐ FOUR-WIRE  
27 FAULT CURRENT: \_\_\_\_\_ KA SYMMETRICAL  
28 X/R RATIO: \_\_\_\_\_  
29 ONE LINE DIAGRAM: \_\_\_\_\_  
30  
31 EQUIPMENT RATING: \_\_\_\_\_ VOLTS

### SERVICE ENTRANCE EQUIPMENT

☐ YES ☐ NO

### VENTILATION OPENING:

☐ SCREENED ☐ FILTERED ☐ MFG. STD.

### INCOMING POWER CONNECTION:

CABLE: \_\_\_\_\_ SIZE: \_\_\_\_\_ COND/ PHASE: \_\_\_\_\_  
☐ TOP ENTRY ☐ BOTTOM ENTRY  
CABLE COMPRESS LUGS: ☐ BY PURCHASER ☐ BY SUPPLIER  
CABLE BARRIERS REQUIRED: ☐  
☐ TRANSITION SECTION TAG NO. \_\_\_\_\_  
☐ TRANSFORMER THROAT CONNECTION  
DIMENSIONS BY: ☐ PURCHASER ☐ SUPPLIER  
☐ BUS DUCT  
SUPPLIED BY: ☐ PURCHASER ☐ SUPPLIER  
DIMENSIONS BY: ☐ PURCHASER ☐ SUPPLIER

### BREAKER CONTROL POWER:

MOTOR CHARGING \_\_\_\_\_ VOLTS ☐ AC ☐ DC  
CLOSING \_\_\_\_\_ VOLTS ☐ AC ☐ DC  
TRIPPING \_\_\_\_\_ VOLTS ☐ AC ☐ DC  
☐ CAPACITOR TRIP

### METERING COMMUNICATION:

☐ 4-20 MA ☐ 0-5 VOLTS ☐ ETHERNET \_\_\_\_\_  
RS 232 RS 485 OTHER



**Documents**

Document Sharing Hub



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DOCUMENT NO. **DS 12-102**

JOB NO. 0 ITEM / TAG NO. 0  
PURCHASE ORDER NO. 0  
REQ. / SPEC. NO. 0  
REVISION NO. 0 DATE 1/1/1904 BY 0  
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Applicable To: ☒ Proposal ☒ Purchase ☒ As built  
NOTE: ☒ DATA SHEET STATUS ☐ INDICATES INFO. TO BE COMPLETED BY PURCH. ☐ BY MANUFACTURER WITH PROPOSAL ☐ BY MANUFACTURER AFTER ORDER ☐ BY MANUFACTURER OR PURCHASER AS APPLICABLE

**Basic Data Continued**

**MAIN BUS**

**BUS CHARACTERISTICS:**

☐ COPPER ☐ ALUMINUM ☐ INSULATED ☐ UNINSULATED  
☐ SILVER PLATED JOINTS ☐ TIN PLATED JOINTS

**BUS RATING\*:**

☐ 800 AMP ☐ 1200 AMP ☐ 1600 AMP ☐ 2000 AMP  
☐ 3000 AMP ☐ 3200 AMP ☐ 4000 AMP  
☐ OTHER \_\_\_\_\_

SHORT CIRCUIT BRACING RMS SYMMETRICAL: \_\_\_\_\_ kA

RATED SHORT TIME WITHSTAND: \_\_\_\_\_ kA

TEMPERATURE RISE: \_\_\_\_\_ °C

GROUND BUS LUGS REQUIRED: NEUTRAL BUS REQUIRED:

☐ YES \_\_\_\_\_ SIZE ☐ FULL ☐ OTHER \_\_\_\_\_

☐ PARTIAL DISCHARGE SENSORS REQUIRED

☐ BUS DIFFERENTIAL RELAY PROTECTION

**SHIPPING OPTIONS**

☐ BREAKERS SHIPPED SEPARATELY  
☐ WEATHER PROTECTED - SUITABLE FOR OUTDOOR STORAGE

**ACCESSORIES**

**HIGH RESISTANCE GROUNDING SYSTEM**

☐ IN SWITCHGEAR ☐ EXTERNAL

REFER TO SPECIFICATION: \_\_\_\_\_

☐ UMBILICAL TEST SYSTEM  
☐ REMOTE TRIP/CLOSE DEVICE  
☐ PROTECTIVE RELAY SAFETY SETTING CAPABILITY  
(DEFEATS SHORT-TIME SETTING)  
☐ REMOTE RACKING DEVICE  
☐ TRANSPORT DOLLY  
☐ PORTABLE LIFTER

**OTHER REQUIREMENTS"**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

