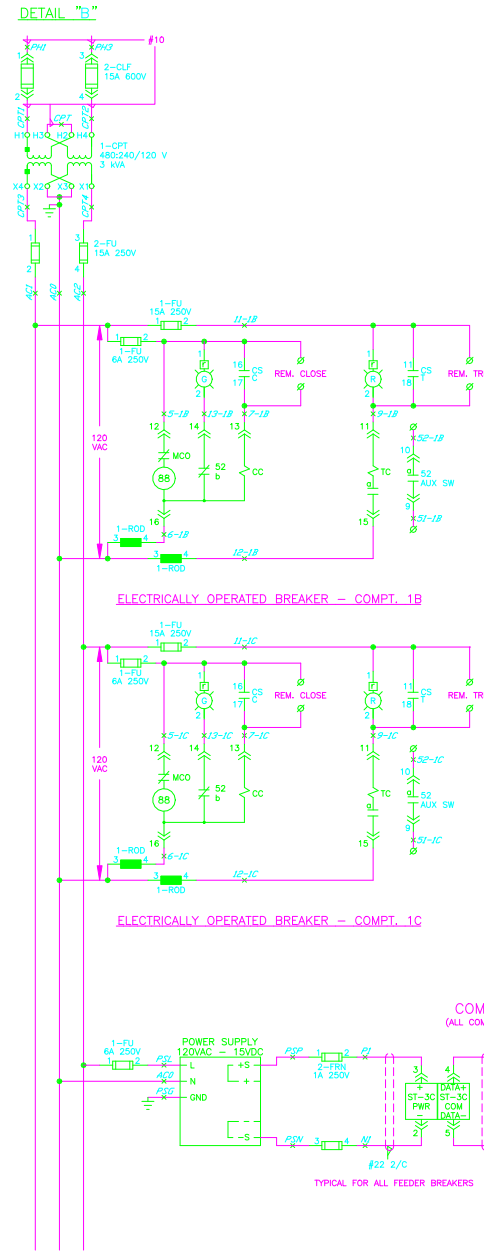


DEVICE LEGEND

CC	– CLOSING COIL (SPRING RELEASE)
TC	– SHUNT TRIP COIL
SM	– SPRING CHARGING MOTOR
MCO	– MOTOR CUTOFF SWITCH
MI	– MECHANICAL INTERLOCK
Y	– CLOSING RELAY (ANTI-PUMP)
a	– AUX. SW. – OPEN WHEN BREAKER IS OPEN
b	– AUX. SW. – CLOSED WHEN BREAKER IS OPEN
AL	– ALARM SWITCH
STD	– STATIC TRIP DEVICE ON BKR. (GROUND SENSING) (3W–THREE WIRE, 4W– FOUR WIRE)
UV	– UNDERVOLTAGE TRIP DEVICE.
S2MDC a	– STRUCT. MTD., BKR. OPERATED 'a' AUX. SW., OPEN WHEN BKR. IS OPEN.
S2MDC b	– STRUCT. MTD., BKR. OPERATED 'b' AUX. SW., CLOSED WHEN BKR. IS OPEN.
S2TDC a	– STRUCT. MTD., TRUCK OPERATED 'a' CELL SW., OPEN WHEN BKR. IS NOT IN CONNECT POSITION.
S2TDC b	– STRUCT. MTD., TRUCK OPERATED 'b' CELL SW., CLOSED WHEN BKR. IS NOT IN CONNECT POSITION.
R	– RED INDICATING LAMP
G	– GREEN INDICATING LAMP
W	– WHITE INDICATING LAMP
CS/C	– CONTROL SWITCH – CLOSE CONTACT
CS/T	– CONTROL SWITCH – TRIP CONTACT
AM	– AMMETER
AS	– AMMETER SWITCH
VM	– VOLTMETER
VS	– VOLTMETER SWITCH
CLF	– CURRENT-LIMITING FUSE
CT	– CURRENT TRANSFORMER
VT	– VOLTAGE TRANSFORMER
CPT	– CONTROL POWER TRANSFORMER
TB	– TEST BLOCK/SWITCH
NS	– NEUTRAL SENSOR
SCTB	– SHORT CIRCUITING TERMINAL BLOCK
Ø	– TERMINAL FOR CUSTOMER CONNECTION TO REMOTE DEVICE
	– BREAKER SECONDARY DISCONNECTS

BREAKERS, RELAYS AND AUXILIARY SWITCHES ARE SHOWN IN DE-ENERGIZED POSITION.

DIAGRAM DOES NOT LOCATE POSITION OF PARTS.

CUSTOMER'S CONNECTIONS ARE SHOWN DASHED.

THE STANDARD SECONDARY WIRE IS #14 SIS UNLESS OTHERWISE STATED.

WARNING: TO INSURE AGAINST ELECTRIC SHOCK OR ACCIDENT DANGER, DISCONNECT ALL SOURCES OF SUPPLY BEFORE SERVICING.

Siemens Energy & Automation, Inc.
Raleigh, NC

SCHEMATIC DIAGRAM

DWG NAME

PAGE: 1
NEXT: F

PROD. TYPE: R
SCALE: NTS
DR: RDM
APP:
DOC. NO. 18834529421

PRE:
APP:
CER: X

SALES ORDER: 160253
MFG. PROJECT: 201100
SALES ITEM: LV000034200
SALES ITEM:
CUSTOMER:
LOCATION: FLANDERS ELECTRIC
EVANSVILLE, IN
MOTOR TEST PANEL UPGRADE
CUSTOMER P.O.: 212920

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