DIRIS MCM SUBMETER AND ASSOCIATED MILLIVOLT OUTPUT CURRENT SENSORS BY SOCOMEC.

METER SHALL HAVE TWO DISTINCT CONFIGURATION OPTIONS WITH 16 CURRENT SENSOR INPUTS FOR MONTORING UP TO 4 THREE-PHASE CIRCUITS AND A MIX OF SINGLE-PHASE, SPLIT-PHASE AND THREE-PHASE CIRCUITS AND 48 CURRENT SENSOR INPUTS FOR MONTORING UP TO 4 THREE-PHASE CIRCUITS AND A MIX OF SINGLE-PHASE, SPLIT-PHASE AND THREE-PHASE CIRCUITS.

METER SHALL ALLOW TO MONITOR DIFFERENT LOAD CATEGORIES IN ACCORDANCE WITH ASHRAE 90.1 2019 REQUIREMENTS AND IECC 2021 ENERGY CODE.

METER ENCLOSURE SHALL PROVIDE NATIVE 1-IN CONDUIT HOLES TO PROMOTE A QUICKER INSTALL.

METER SHALL BE UNIVERSALLY COMPATIBLE WITH ALL SERVICE TYPES AND VOLTAGES UP TO 600 VAC L-L, AND SHALL BE LINE POWERED.

METER SHALL INCLUDE DUAL VOLTAGE MONITORING FOR ADDITIONAL VOLTAGE LINE SYSTEMS FROM 90VAC to 250VAC L-N AND L-L MEASUREMENTS.

METER SHALL INCLUDE NATIVE DISCONNECT SWITCH TO BE ABLE TO SERVICE THE METER INDEPENDANTLY OF OTHER CIRCUITS.

METER SHALL INCLUDE LOCAL DISPLAY FOR LIVE SYSTEM FEEDBACK, PROGRAMIZATION AND CENTRALIZATION OF COMMUNICATION FOR THE SYSTEM(S).

METER SHALL SUPPORT RS485 and ETHERNET COMMUNICATION TO REPORT MEASUREMENT DATA TO EMS/BMS AND BACNET IP COMMUNICATION.

METER SHALL INCLUDE OPERATION ENVIRONMENTAL RATINGS FROM -4 to +140 °F / -20 to +60°C WITHOUT DERATING.