8Q00314 POWER SUPPLY

ACCESS CONTROL POWER SUPPLY
CLASS 2 OUTPUTS

SPECIFICATIONS:

INPUT VOLTAGE:	120VAC/240VAC, 50/60Hz
AC CURRENT:	900mA/120VAC, 600mA/240VAC
OUTPUT VOLTAGE:	24VDC FILTERED, REGULATED
OUTPUT CURRENT:	2.0A
OUTPUT POWER:	48W
PROTECTION:	OVERLOAD, OVER VOLTAGE, SHORT CIRCUIT

USE INSTALLATION INSTRUCTIONS #42861

SECURITY UL LISTED EQUIPMENT 4M73

c UL LISTED GENERAL SIGNALING EQUIPMENT 4M73

MFG. DATE:

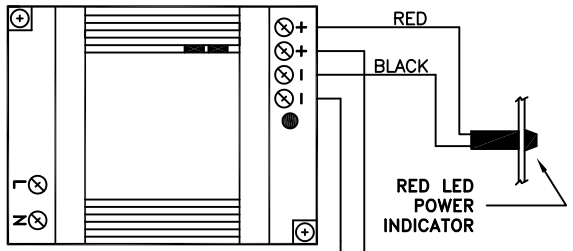
POWER SUPPLY INTENDED FOR INDOOR USE ONLY

STRIP WIRE BACK 6mm. WIRES MUST BE FULLY INSERTED INTO TERMINALS SO THAT NO BARE METAL IS EXPOSED. FLEXIBLE CABLE: ALL STRANDS MUST BE SECURED IN TERMINAL. USE COPPER CONDUCTORS ONLY.

TERMINAL SIZE RANGE:
AWG24–10 FOR A TYPE
AWG24–14 FOR B TYPE

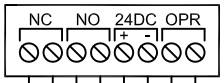
120VAC OR 240VAC INPUT

CLASS 2 DOUBLE INSULATION.
NO EARTH GROUND WIRE REQUIRED.



CONTROL BOARD 24V POWER CONNECTOR J1

CONTROL BOARD I/O CONNECTOR



CONTROL SWITCH (CARD READER, KEYPAD, FIRE ALARM, ETC.).
CLOSING SWITCH POWERS UP "NO" (FAIL SAFE) OUTPUT, POWERS DOWN "NC" (FAIL SECURE) OUTPUT. OPENING SWITCH REVERSES POWER TO OUTPUTS.

AUXILIARY 24VDC OUTPUT (UNSWITCHED).
FOR POWERING KEYPADS, MOTION SENSORS, STATUS INDICATORS, ETC.

– +
FAIL SAFE ELECTRIFIED LOCKING DEVICES.
ELECTRIC LOCKING OCCURS WHEN CONTROL SWITCH IS CLOSED.

– +
FAIL SECURE ELECTRIFIED LOCKING DEVICES.
ELECTRIC UNLOCKING OCCURS WHEN CONTROL SWITCH IS OPEN.

NOTE: THE SUM OF ALL OUTPUTS CANNOT EXCEED 2 AMPS.

K2 COMMERCIAL HARDWARE BY BLACK & DECKER