SDC Security Door Controls

INSTALLATION INSTRUCTIONS/TEMPLATE
180 SERIES ELECTRIC LOCKS

1. Mark and drill as follows: Holes 1, 2 and 3 for #14 sheet metal screws or 1/4 - 20 machine screws. Hole 4 – 3/8" diameter for wire.
   Block strike: Holes 5 and 6 or 12 and 13 for 1/4 - 20 machine screw or #14 sheet metal screw.

2. Tap holes as required.

3. Remove housing cover and mount lock and strike.

4. Attach power leads. Check alignment of bolt and strike. There should be no binding. Leading part of strike should be 1/8" away from the lock *1/8" is maximum distance*. If this is correct, tighten mounting screws.

5. Check lock operation for any last adjustments.

6. Install housing.

SPECIFICATIONS

DIMENSIONS: 2" x 2" x 6"
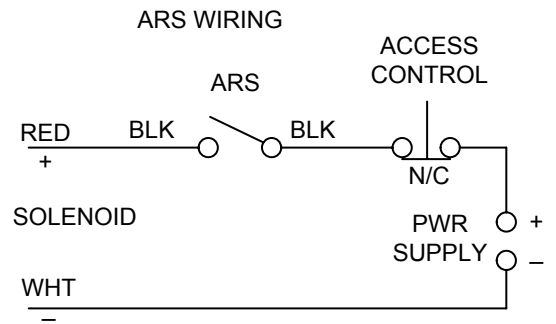
FINISH: US28 standard (dark duranodic optional)

BOLT: 180 series 5/8" diameter 1/2" throw

SOLENOID: 180 series, power lock, continuous duty

180 Series Dual Voltage (Fail Safe):
   10.8 Watts – 12VDC @ .9 Amp
   10.8 Watts – 24VDC @ .45 Amp

ARS WIRING

ACCESS CONTROL

ARS

RED +   BLK   BLK   N/C

SOLENOID

PWR SUPPLY   + / –

WHT –

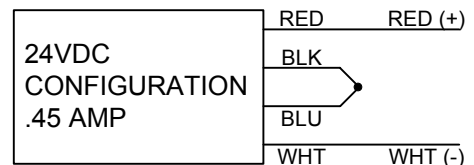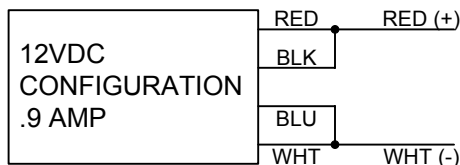BOLT POSITION SENSOR
SPDT .25 AMP
ORG – N.C.
GRY – COM
YEL – N.O.

DOOR POSITION SENSOR
SPDT .25 AMP
RED – N.C.
WHT – COM
BLU – N.O.
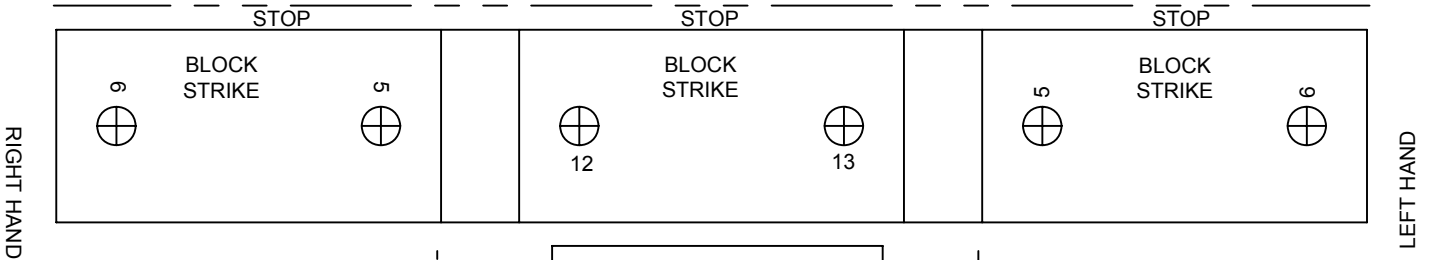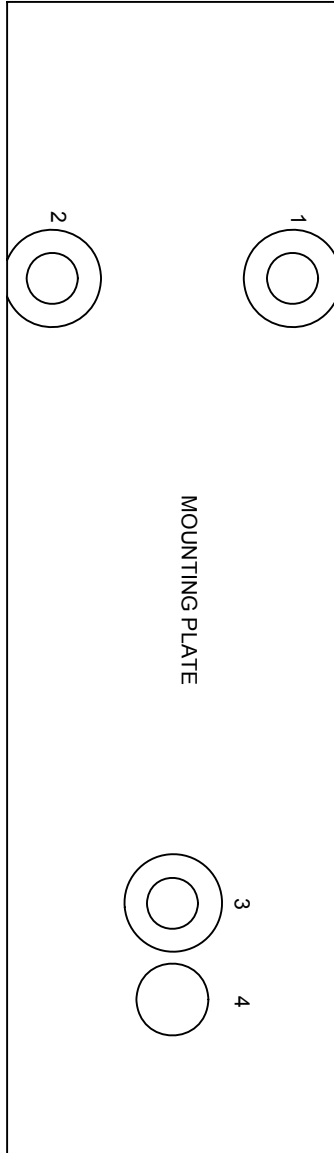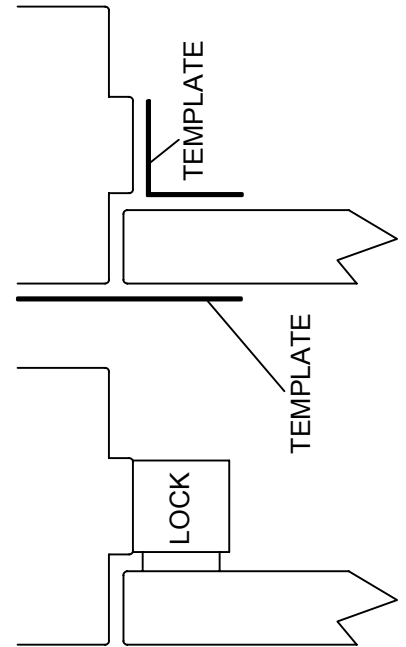
12VDC CONFIGURATION .9 AMP
RED   RED (+)
BLK
BLU
WHT   WHT (-)

24VDC CONFIGURATION .45 AMP
RED   RED (+)
BLK
BLU
WHT   WHT (-)

RIGHT HAND

STOP

BLOCK
STRIKE

6

5

STOP

BLOCK
STRIKE

12

13

STOP

BLOCK
STRIKE

5

6

LEFT HAND

FOLD ON DOTTED LINE AND HOLD AGAINST STOP

FOLD ON DOTTED LINE AND HOLD AGAINST STOP

2

1

MOUNTING PLATE

3

4

TEMPLATE

TEMPLATE

LOCK

SDC Security Door Controls

801 Avenida Acaso, Camarillo, Ca. 93012 • (805) 494-0622 •
www.sdcsecurity.com • E-mail: service@sdcsecurity.com

INSTALLATION INSTRUCTIONS/TEMPLATE
280 SERIES ELECTRIC LOCKS

1. Mark and drill as follows: Holes 1, 2 and 3 for #14 sheet metal screws or 1/4 - 20 machine screws.
   Hole 4 – 3/8" diameter for wire.
   Block strike: Holes 5 and 6 or 12 and 13 for 1/4 - 20 machine screw or #14 sheet metal screw.

2. Tap holes as required.

3. Remove housing cover and mount lock and strike.

4. Attach power leads. Check alignment of bolt and strike. There should be no binding. Leading part of strike should be 1/8" away from the lock *1/8" is maximum distance*. If this is correct, tighten mounting screws.

5. Check lock operation for any last adjustments.

6. Install housing.

SPECIFICATIONS

DIMENSIONS: 2" x 2" x 6"

FINISH: US28 standard (dark duranodic optional)
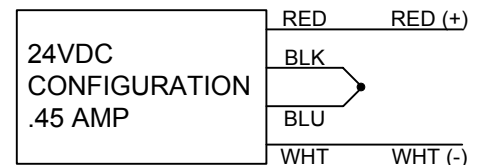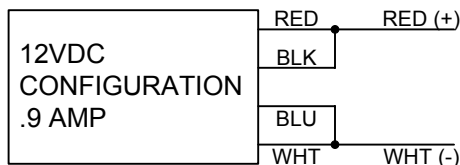
BOLT: 280 series 5/8" diameter 1/2" throw

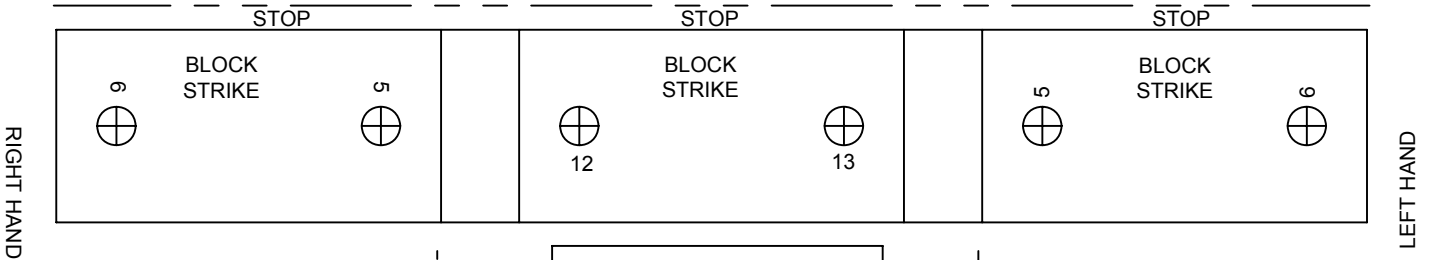SOLENOID: 280 series, power lock, continuous duty

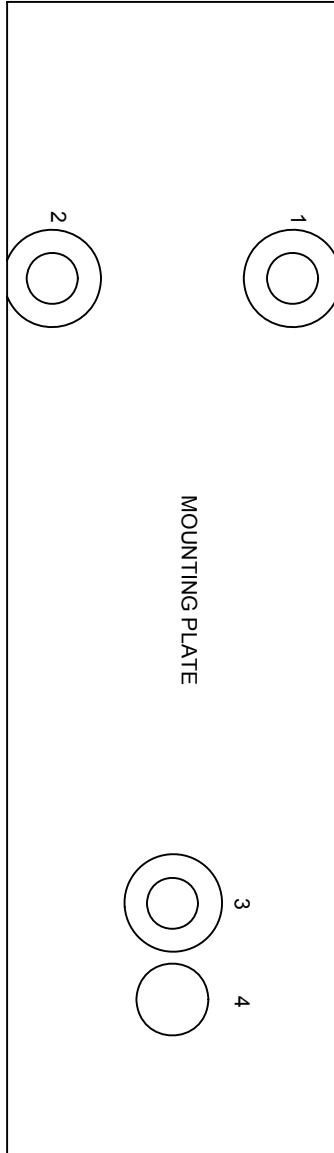**280 Series Dual Voltage (Fail Safe):**
   10.8 Watts – 12VDC @ .9 Amp
   10.8 Watts – 24VDC @ .45 Amp

BOLT POSITION SENSOR
or
DOOR POSITION SENSOR
SPDT .25 AMP
RED – N.C.
WHT – COM
BLU – N.O.

12VDC CONFIGURATION .9 AMP	RED	RED (+)
	BLK	
	BLU	
	WHT	WHT (-)

24VDC CONFIGURATION .45 AMP	RED	RED (+)
	BLK	
	BLU	
	WHT	WHT (-)

RIGHT HAND

STOP

BLOCK
STRIKE

6

5

STOP

BLOCK
STRIKE

12

13

STOP

BLOCK
STRIKE

5

6

LEFT HAND

FOLD ON DOTTED LINE AND HOLD AGAINST STOP

FOLD ON DOTTED LINE AND HOLD AGAINST STOP

2

1

MOUNTING PLATE

3

4

TEMPLATE

TEMPLATE

LOCK