INSTALLATION INSTRUCTIONS
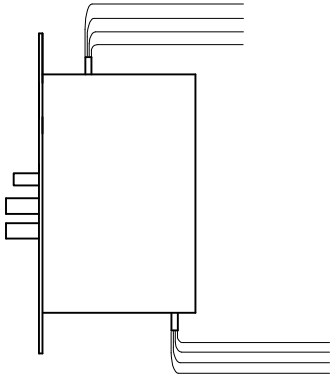
7800 MOD SERIES
SOLENOID CONTROLLED
MORTISE LOCKSET

TYPICAL WIRING

Dual Coil Solenoid
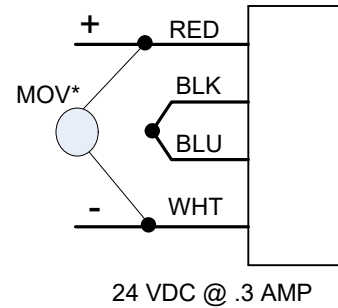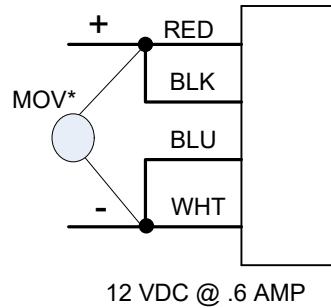
+ RED
BLK
BLU
- WHT
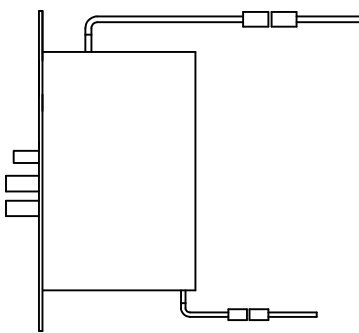MOV*

12 VDC @ .6 AMP

+ RED
BLK
BLU
- WHT
MOV*

24 VDC @ .3 AMP

*Install MOV across coil to protect ACS electronics. Install as close as possible to the lock

Optional Monitoring

LATCHED AND LOCKED STATUS	S	COM ←	WHT/BLK
		SECURE ←	ORG/BLK
		UNSECURE ←	YEL/BLK
DOOR POSITION STATUS	D	COM ←	WHT
		NC ←	ORG
		NO ←	YEL
REQUEST-TO-EXIT OUTPUT	R	COM ←	WHT/RED
		NC ←	ORG/RED
		NO ←	YEL/RED

WIRING WITH OPTIONAL CABLE AND CONNECTOR

Dual Coil Solenoid
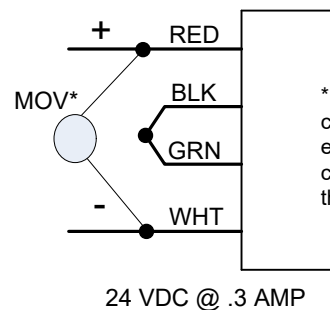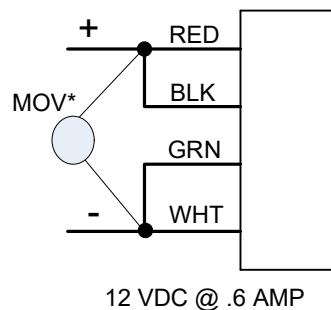
+ RED
BLK
GRN
- WHT
MOV*

12 VDC @ .6 AMP

+ RED
BLK
GRN
- WHT
MOV*

24 VDC @ .3 AMP

*Install MOV across coil to protect ACS electronics. Install as close as possible to the lock

Optional Monitoring

LATCHED AND LOCKED STATUS	S	COM ←	ORG
		SECURE ←	BRN
		UNSECURE ←	YEL
DOOR POSITION STATUS	D	COM ←	RED/YEL
		NC ←	RED/BLU
		NO ←	RED/GRN
REQUEST-TO-EXIT OUTPUT	R	COM ←	VIO
		NC ←	GRY
		NO ←	PNK

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdcsecurity.com