

SCHLAGE bright blue INSTALLATION GUIDE

J58 SBB MAIN CONTROLLER POWER SOURCE

J58 - SUPPLIED POWER CAN BE EITHER 12VDC OR 24VDC

RECOMMENDED POWER SUPPLY: SPS-3.3ELG

J13 & J14 CONTACT INPUTS (FUTURE USE)

J2 & J4 RELAY OUTPUT (FUTURE USE)

J6 READ HEAD CONNECTIONS (FUTURE USE)

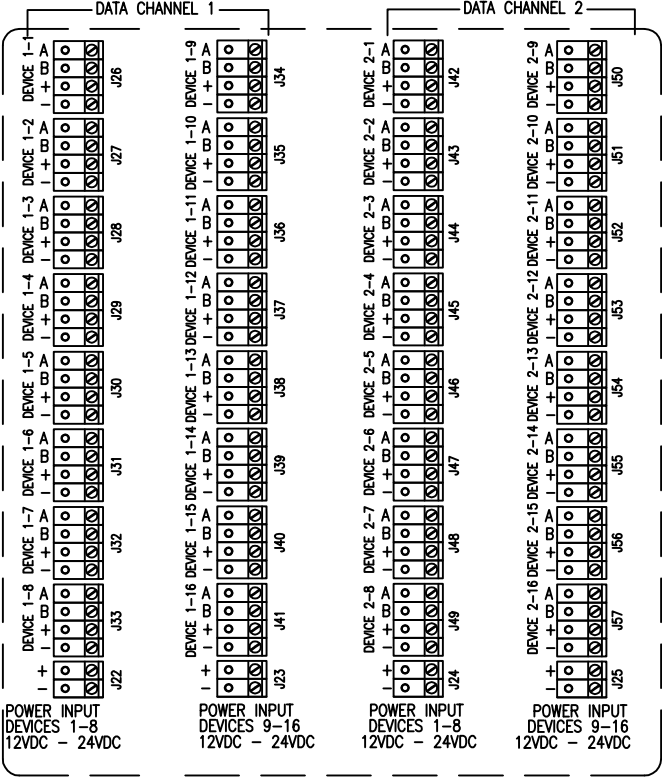
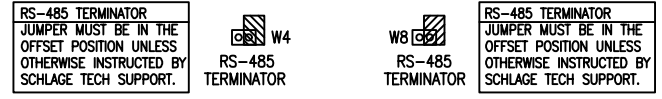
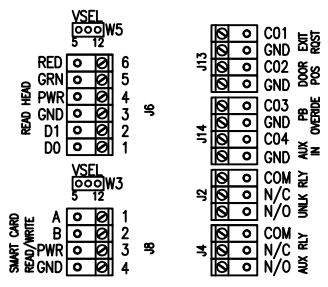
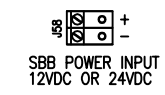
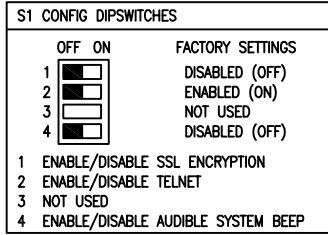
J8 SMART CARD READ/WRITE CONNECTION (FUTURE USE)

SBB NETWORK INFORMATION

FACTORY DEFAULT IP ADDRESS: 192.168.168.250

NEW IP ADDRESS: _____

SUBNET MASK: 255.255.255.0



DATA CHANNEL 1 DEVICES 1-16 RS485 CONNECTIONS
DATA CHANNEL 2 DEVICES 1-16 RS485 CONNECTIONS

J22, J23, J24, J25 - SUPPLIED POWER CAN BE EITHER 12VDC OR 24VDC
NOTE: DO NOT DUPLICATE DEVICE ADDRESSES, THIS WILL CAUSE THE ENTIRE CHANNEL TO LOSE COMMUNICATION.

SCHLAGE SBB-RI
SBB-RI MAX. DIST. TO SBB CONTROLLER: 4000FT.
REC WIRE: 18 AWG/4 COND/STRANDED/TWISTED/SHIELDED

SBB PIN 4 TO SBB-RI PIN 2 GROUND
SBB PIN 2 TO SBB-RI PIN 3 TXDB
SBB PIN 1 TO SBB-RI PIN 4 RXDA
SBB PIN 3 TO SBB-RI PIN 1 POWER

SCHLAGE VIP_LOCK
NOTE: SCHLAGE VIP_LOCK WILL BE DAMAGED IF THE DATA & POWER CONNECTIONS ARE REVERSED.
MAX. DIST. TO SBB CONTROLLER: 4000FT.
REC WIRE: 18 AWG/4 COND/STRANDED/TWISTED/SHIELDED

SBB PIN 1 TO VIP PIN 4 A
SBB PIN 2 TO VIP PIN 3 B
SBB PIN 4 TO VIP PIN 2 GROUND
SBB PIN 3 TO VIP PIN 1 POWER

SCHLAGE PIM-485-OTD-SBB
MAX. DIST. TO SBB CONTROLLER: 1000FT.
REC WIRE: 18 AWG/4 COND/STRANDED/TWISTED/SHIELDED

NOTE: PIM-485 CAN BE POWERED LOCALLY BY 12VDC
RECOMMENDED POWER SUPPLY: 593PI-12DC

SBB PIN 1 TO PIM-485 RA-/TA-
SBB PIN 2 TO PIM-485 RB+/TB+
SBB PIN 3 TO PIM-485 POWER
SBB PIN 4 TO PIM-485 GROUND

SCHLAGE DEVICE RS-485 PROTOCOL DATA NOMENCLATURE					
SCHLAGE MODEL #	SBB	VIP	SBB-RI	PIM-485	NOTE: PIM-485 MUST BE JUMPERED
	PIN 1 A	PIN 4 A	PIN 2 RXDA	PIN 1 RA-	
				TA-	
	PIN 2 B	PIN 3 B	PIN 3 TXDB	PIN 2 RB+	
				TB+	

DEVICE	TYPE	LOCATION	DEVICE	TYPE	LOCATION	DEVICE	TYPE	LOCATION	DEVICE	TYPE	LOCATION
1			9			17			25		
2			10			18			26		
3			11			19			27		
4			12			20			28		
5			13			21			29		
6			14			22			30		
7			15			23			31		
8			16			24			32		

-FOR PROGRAMMING INSTRUCTIONS PLEASE REFER TO SCHLAGE bright blue USER MANUAL SBBUM06-23-08 REV. 1
-FOR HARDWARE INSTRUCTIONS PLEASE REFER TO SCHLAGE bright blue INSTALLATION MANUAL SBBIM06-23-08C REV. 1
-SCHLAGE bright blue INSTALLATION GUIDE SBBIG06-23-08C REV. 1