# SEPT
# Electrical Power Transfer

*Installation Instructions and Operating Manual*

ASSA ABLOY

The global leader in door opening solutions

**Electrical** (the following chart shows the electrical specifications for each SEPT model)

| MODEL | TYPE | WIRE SIZE/QTY | CURRENT LIMIT (Per Wire) |
|---|---|---|---|
| **SEPT** | NO WIRES FURNISHED | see note 1 below | Max. 1A |
| **SEPT-10** | 10 Wire (2+8) | 18 AWG/2 | Max. 5A |
| | | 22 AWG/8 | Max. 1A |
| **EL-SEPT** | ElectroLynx® (8+4) | 22 AWG/12 | Max. 1A |
| **SEPT-C5E** | CAT 5e (8+1) | 24 AWG/8 | Max. 1A |
| | | 22 AWG/1 | Ground (Max. 1A) |

Notes:

1. For SEPT MODEL (NO WIRES ARE FURNISHED):
   To minimize the risk of wire breakage in power transfer devices, ASSA ABLOY recommends the use of highly flexible cabling. Additionally, any splices or connectors should be at least 2" away from the exit of the power transfer device, and there should be slack in the cabling on both sides of the power transfer device to allow the wire to slide approximately 1". Maximum cabling OD is 0.275". Flexible cabling is characterized by a high strand count (we recommend 19 strands or more) and a thick flexible jacketing (we recommend at least 1/32" in PVC, PTFE or polyolefin or similar). Although using the above recommendations reduces the risk of wire breakage, ASSA ABLOY cannot be held liable for wire failure in power transfer devices in which ASSA ABLOY did not provide the wiring

2. For swing-clear wood door applications, the cutout is 2" deep minimum (for additional cable slack) see Fig. 4C and Fig. 4D.

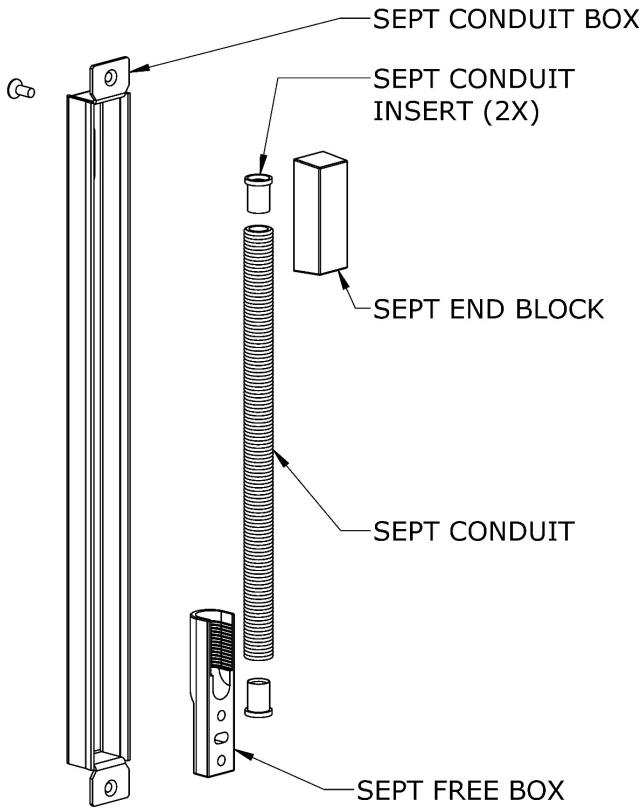


**Fig. 1**

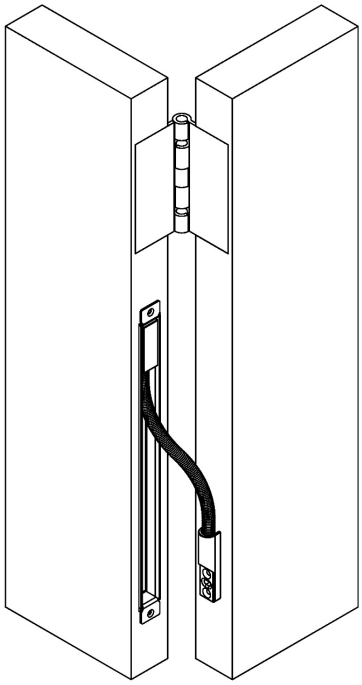

**Fig. 2**

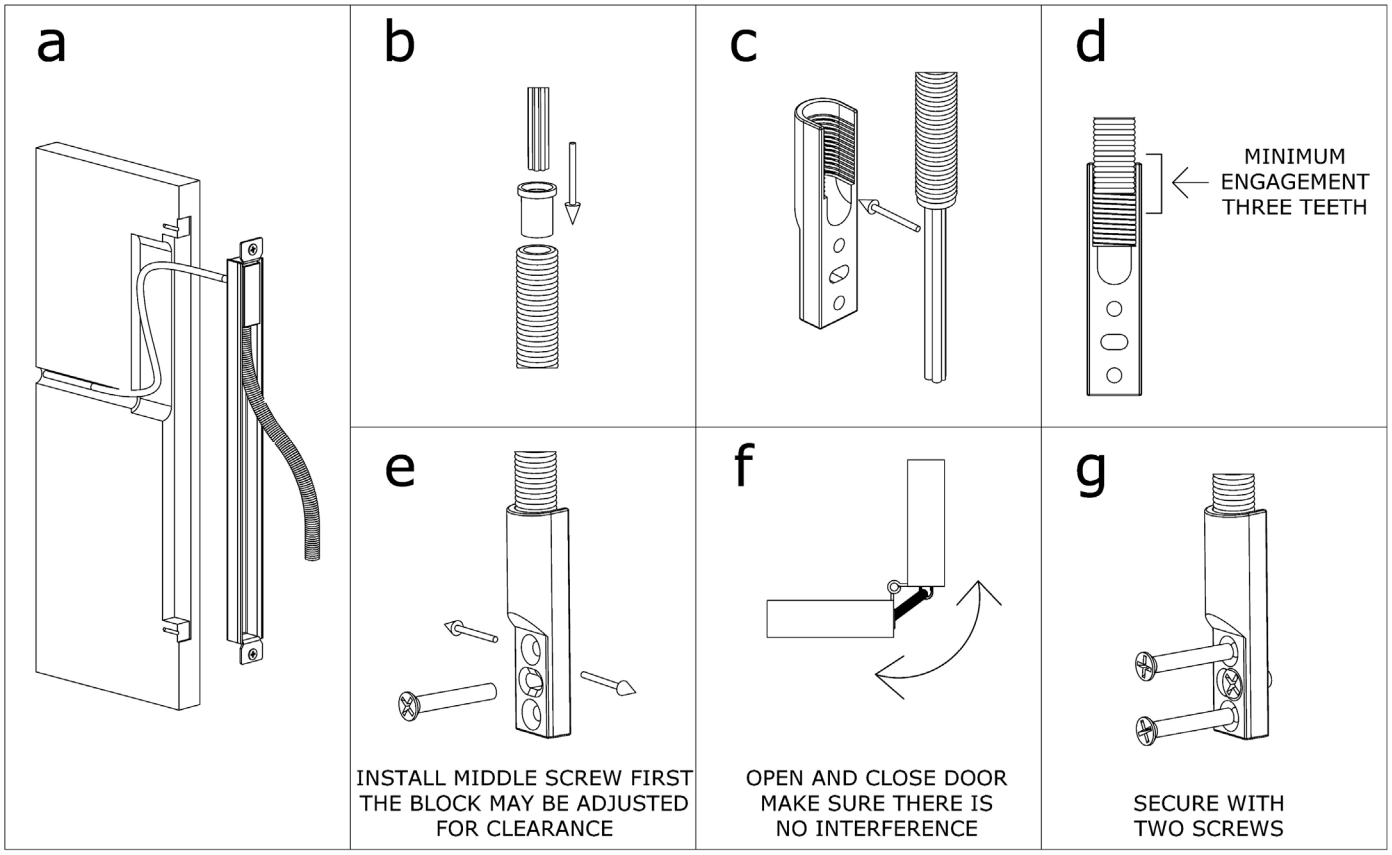


**Fig. 3**

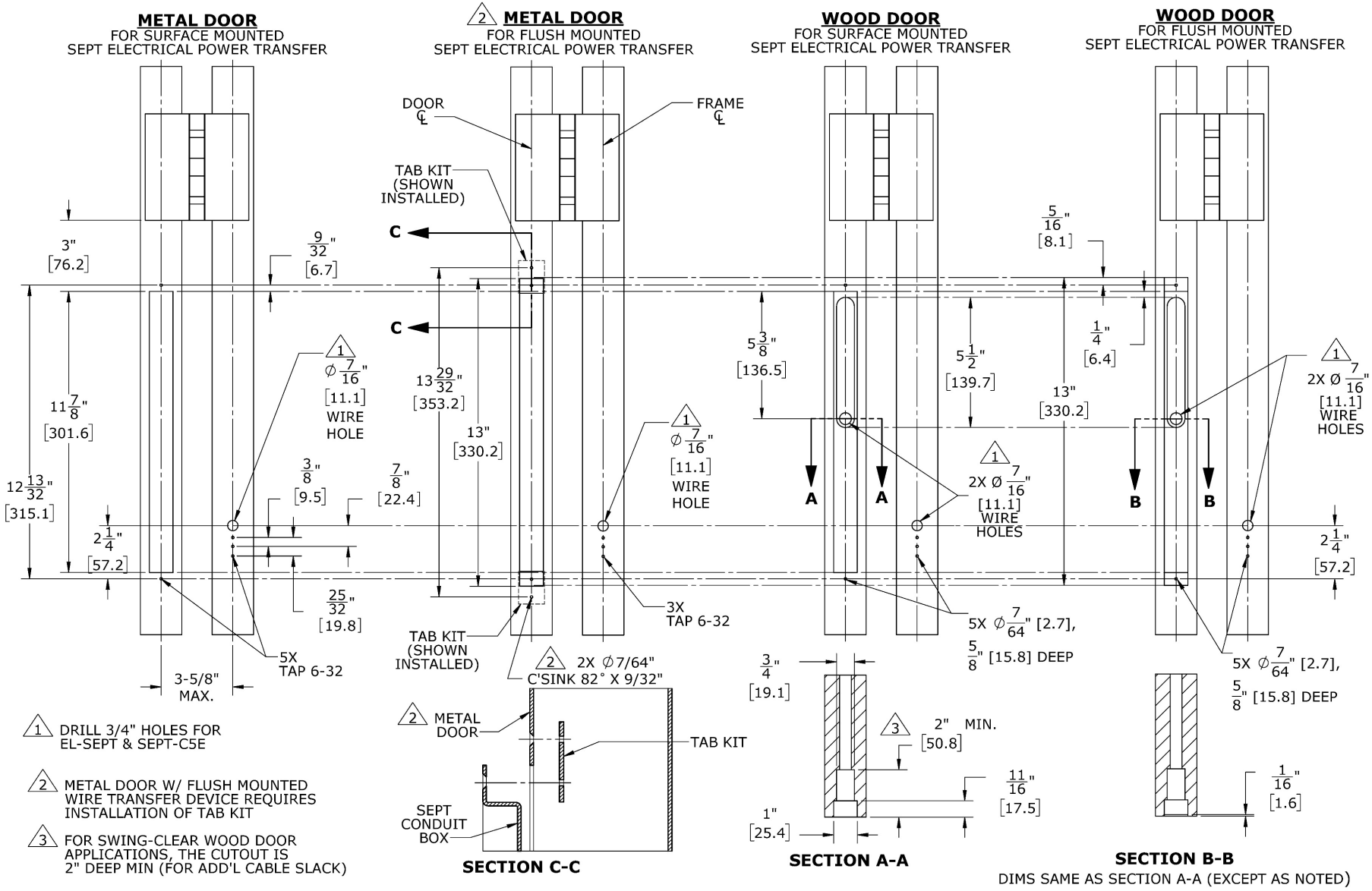


**Fig. 4A** **Fig. 4B** **Fig. 4C** **Fig. 4D**



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