

## LIBERTY Three-Phase Ganged Recloser Check Sheet

### Customer/Project:

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|                           |                                                                                                                                                                                                                                                                                                                                                                            |                         |                         |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|
| <b>Voltage Class/BIL:</b> | 15 kV, 110kV BIL                                                                                                                                                                                                                                                                                                                                                           | 27 kV, 150kV BIL        | 38 kV, 170kV BIL        |
| <b>Current Rating:</b>    | 630A, 12.5kA <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                  | 630A, 16kA <sup>2</sup> | 800A, 16kA <sup>3</sup> |
| <b>Switch Frame:</b>      | None<br>Pole Mount, Side Mount Horizontal Bracket (with provision for source and load side lightning arrestor, and 1 or 2 Distribution CPT)<br>Pole Mount, Center Bracket (with provision for source and load side lightning arrestor, and 1 or 2 Distribution CPT)*<br>Pole Mount, Side Mount No Provisions<br>Pole Mount, Center Mount No Provisions<br>Substation Mount |                         |                         |

### Terminal Lugs:

Nema 2-hole      Nema 4-Hole      Clamp Style

**System Voltage:** \_\_\_\_\_ L-L      L-G

### Type & Number of Transformers:

(1) Oil-Filled CPT      (2) Oil-Filled CPT      (1) Dry-Type CPT      (2) Dry-Type CPT      None\*

### Control Power Transformer (CPT):

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| 2.4kV/120V, 60Hz, 0.5KVA, 95kV BIL    | 4.16kV/120V, 60Hz, 0.5KVA, 95kV BIL  |
| 7.2kV/120V, 60Hz, 0.5KVA, 95kV BIL    | 7.62kV/120V, 60Hz, 0.5KVA, 95kV BIL  |
| 7.96kV/120V, 60Hz, 0.5KVA, 95kV BIL   | 14.4kV/120V, 60Hz, 0.5KVA, 125kV BIL |
| 19.92kV/120V, 60Hz, 0.5KVA, 150kV BIL | None*                                |

### Power Cable (Choose type and length):

|                |                                                               |                              |                   |
|----------------|---------------------------------------------------------------|------------------------------|-------------------|
| <b>Type:</b>   | Standard*                                                     | 10' Armored from Control End | Full Length Armor |
| <b>Length:</b> | 10ft    15ft    20ft    25ft    30ft    35ft    40ft    45ft* |                              |                   |
|                | 50ft    55ft    60ft    65ft    Other_____                    |                              | None              |

### Surge Arresters:

|                   |                   |                   |       |
|-------------------|-------------------|-------------------|-------|
| 3kV, 2.55kV MCOV  | 6kV, 5.1kV MCOV   | 9kV, 7.65kV MCOV  | None* |
| 10kV, 8.4kV MCOV  | 12kV, 10.2kV MCOV | 15kV, 12.7kV MCOV |       |
| 18kV, 15.3kV MCOV | 21kV, 17kV MCOV   | 24kV, 19.5kV MCOV |       |
| 27kV, 22kV MCOV   | 30kV, 24.4kV MCOV | 36kV, 29kV MCOV   |       |



<sup>1</sup> Rating only available in 27kV  
<sup>2</sup> Rating only available in 15kV  
<sup>3</sup> Rating only available in 27kV and 38kV  
 \* Standard offering

## LIBERTY Three-Phase Ganged Recloser Check Sheet

### Wildlife Protectors:

Both Source & Load Side Bushings of Switch (Vented Style)

Both Source & Load Side Bushings of Switch (Non-Vented Style)

Both Source & Load Side Bushings of Switch (Vented Style) + Protectors for PT(s) and/or Arresters

Both Source & Load Side Bushings of Switch (Non-Vented Style) + Protectors for PT(s) and/or Arresters

None\*

### Control Cable (Choose type and length):

| Type:   | Standard* | 10' Armored from Control End |      |      |            |      | Full Length Armor |       |
|---------|-----------|------------------------------|------|------|------------|------|-------------------|-------|
| Length: | 10ft      | 15ft                         | 20ft | 25ft | 30ft       | 35ft | 40ft              | 45ft* |
|         | 50ft      | 55ft                         | 60ft | 65ft | Other_____ |      | None              |       |

### Control Model:

Beckwith M-7679\*

### Control Model:

SEL-651R2 control (0651R2ACXGA8AE1112B9XX)

### Control Cabinet:

Standard Material\*

Stainless Steel

### Control Cabinet Battery:

Standard 12 Ahr\*

Extended 20 Ahr

### AC Transfer Switch:

Yes

No\*

### SCADA Radio:

Aclara Edge Gateway

Other \_\_\_\_\_

None\*

### GPS Radio:

SEL-2401

Other \_\_\_\_\_

None\*

### Notes:

For product information, inquiries or questions, please email:

[HPSUtilityAutomation@hubbell.com](mailto:HPSUtilityAutomation@hubbell.com)

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\* Standard offering