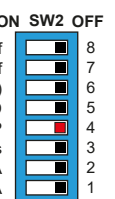
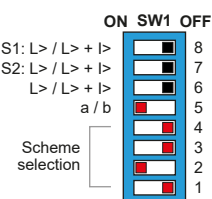


AQ-110P SS:2a

ON SW2 OFF
T1/T2 latch: On / Off
Pulse blocking: On / Off (reserved)
S5: Fiber loop / AQD
FAST / CBFP
100 ms / 150 ms
I>: 1 A / 5 A
I0>: 1 A / 5 A



ON SW1 OFF
S1: L> / L> + I>
S2: L> / L> + I>
L>: L> / L> + I>
a / b

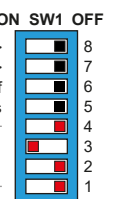


| SS:2a | | OUTPUTS | | | | | | | |
|--------|------------------------|----------------|-------------------|-------------------|-----|------|-------------------|------------------------|----------------|
| INPUTS | S1 | T1 | T2 | T3 | BO1 | HSO1 | HSO2 | BO1 pulse ³ | AQD |
| | S1 | x ¹ | x ¹ | CBFP ¹ | | | CBFP ¹ | CBFP ¹ | |
| | S2 | x ¹ | x ¹ | x ¹ | | | x ¹ | CBFP | x ² |
| | S3,S4,S5 | x ¹ | CBFP ¹ | x ¹ | | | x ¹ | CBFP | x ² |
| | Lext> (BI1 pulse) | x ¹ | CBFP ¹ | x ¹ | | | x ¹ | CBFP | x ² |
| | Lext> (BI2) | x ¹ | CBFP ¹ | x ¹ | | | x ¹ | CBFP | x ² |
| | Lext> (BI1) | | | | | x | | | |
| | I> (phase currents) | | | | x | x | | | |
| | I0> (residual current) | | | | x | x | | | |

- 1) Activates only if channel has been set to light only mode or if any overcurrent signal (I>, I0> or BI1) is ON.
- 2) Activates only if phase overcurrent signal (I>) is ON.
- 3) Activates only if external overcurrent signal (BI1) is ON.
- 4) CBFP time delay for this signal is either 200 ms or 300 ms.

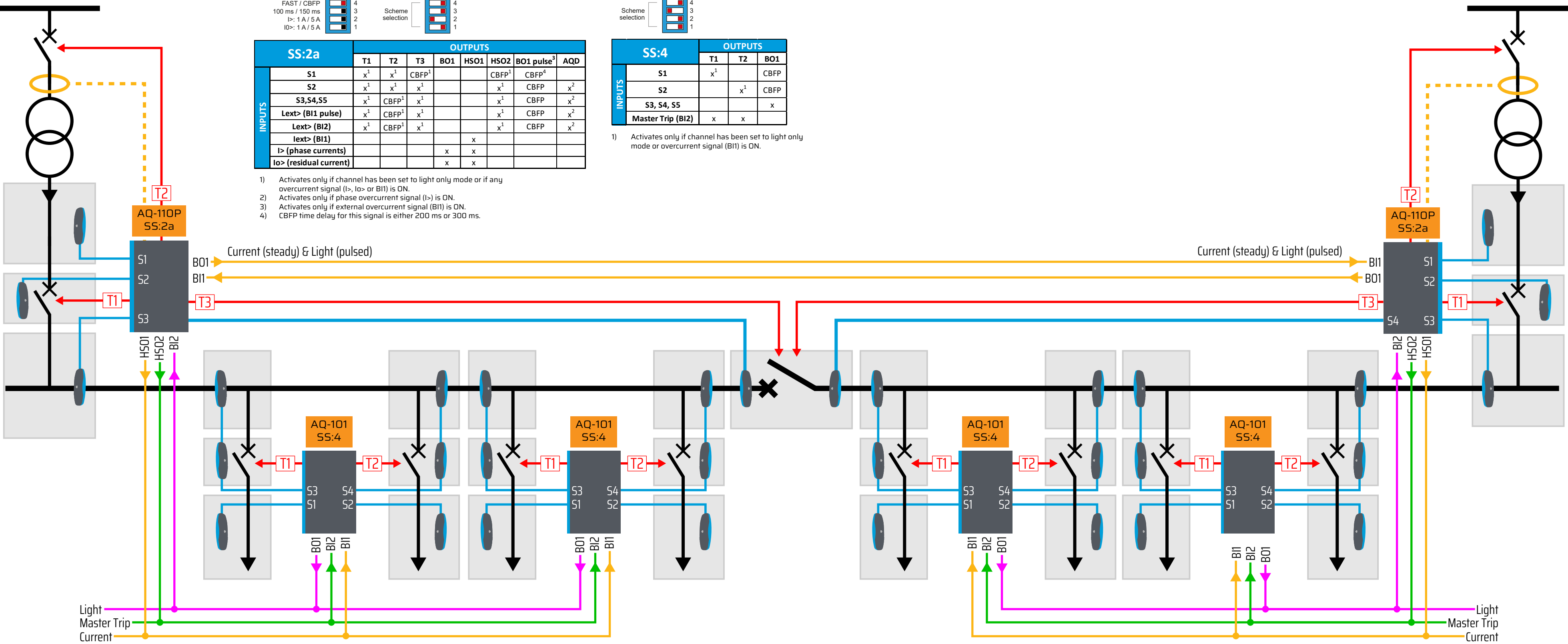
AQ-101 SS:4

ON SW1 OFF
L> / L> + I>
S1: L> / L> + I>
L>: L> / L> + I>
100 ms / 150 ms



| SS:4 | | OUTPUTS | | |
|--------|-------------------|----------------|----------------|------|
| INPUTS | S1 | T1 | T2 | BO1 |
| | S1 | x ¹ | | CBFP |
| | S2 | | x ¹ | CBFP |
| | S3, S4, S5 | | | x |
| | Master Trip (BI2) | x | x | |

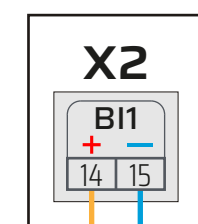
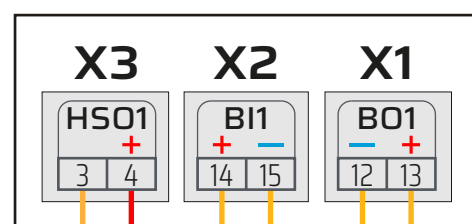
- 1) Activates only if channel has been set to light only mode or overcurrent signal (BI1) is ON.



Incoming feeder AQ-110P SS:2a

Outgoing feeders AQ-101 SS:4

Left side



DC Supply (V DC) +

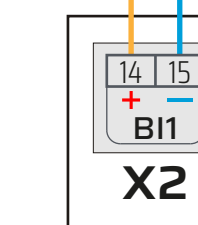
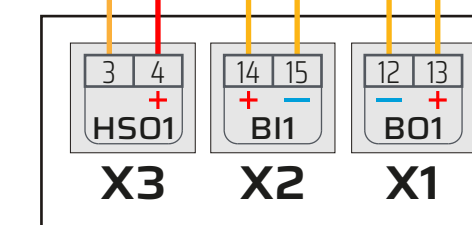
Current AQ-101 (Left) -

Current & Light AQ-110 (Left) +

Current & Light AQ-110 (Right) +

Current AQ-101 (Right) -

Right side



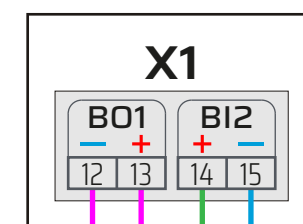
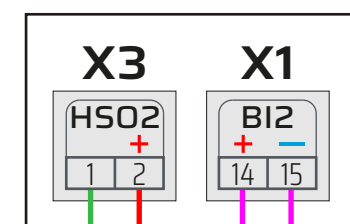
Incoming feeder AQ-110P SS:2a

Outgoing feeders AQ-101 SS:4

Incoming feeder AQ-110P SS:2a

Outgoing feeders AQ-101 SS:4

Left side



DC Supply (V DC) +

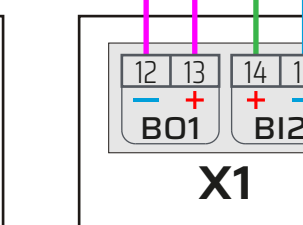
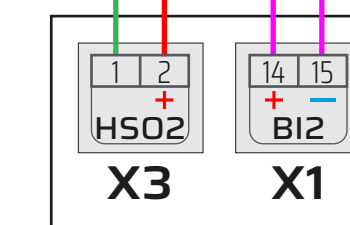
Master trip (Left) -

Light (Left) +

Master trip (Right) -

Light (Right) +

Right side



Incoming feeder AQ-110P SS:2a

Outgoing feeders AQ-101 SS:4