

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

8

7

6

5

4

3

2

1

ON SW1 OFF

S1: L> / L> + I>

S2: L> / L> + I>

L> / L> + I>

a / b

Scheme selection

8

7

6

5

4

3

2

1

SS:2a		OUTPUTS				
INPUTS	S1	T1	T2	HSO1	HSO2	AQD
	S1	x ¹	x ¹		CBFP ¹	
	S2	x ¹	x ¹		x ¹	x ²
	S3,S4,S5	x ¹	CBFP ¹		x ¹	x ²
	Lext> (BI2)	x ¹	CBFP ¹		x ¹	x ²
	Iext> (BI1)			x		
	I> (phase currents)			x		
	Io> (residual current)			x		

- 1) Activates only if channel has been set to light only mode or if any overcurrent signal (I>, Io> or BI1) is ON.
- 2) Activates only if phase overcurrent signal (I>) is ON.

AQ-110P SS:4a

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

8

7

6

5

4

3

2

1

ON SW1 OFF

S1: L> / L> + I>

S2: L> / L> + I>

L> / L> + I>

a / b

Scheme selection

8

7

6

5

4

3

2

1

SS:4a		OUTPUTS			
INPUTS	S1	T1	T2	BO1	HSO1
	S1	x ¹	x ¹	CBFP ¹	
	S2	x ¹	x ¹	x	
	S3,S4,S5	x ¹	CBFP ¹	x	
	Master trip (BI1)	x	CBFP ²		
	I> (phase currents)				x
	Io> (residual current)				x

- 1) Activates only if channel has been set to light only mode or if any overcurrent signal (I>, Io> or BI2) is ON.
- 2) Activates only if any overcurrent signal (I>, Io> or BI2) is ON.

AQ-101 SS:1

ON SW1 OFF

L> / L> + I>

S1: L> / L> + I>

Latch: On / Off

100 ms / 150 ms

Scheme selection

8

7

6

5

4

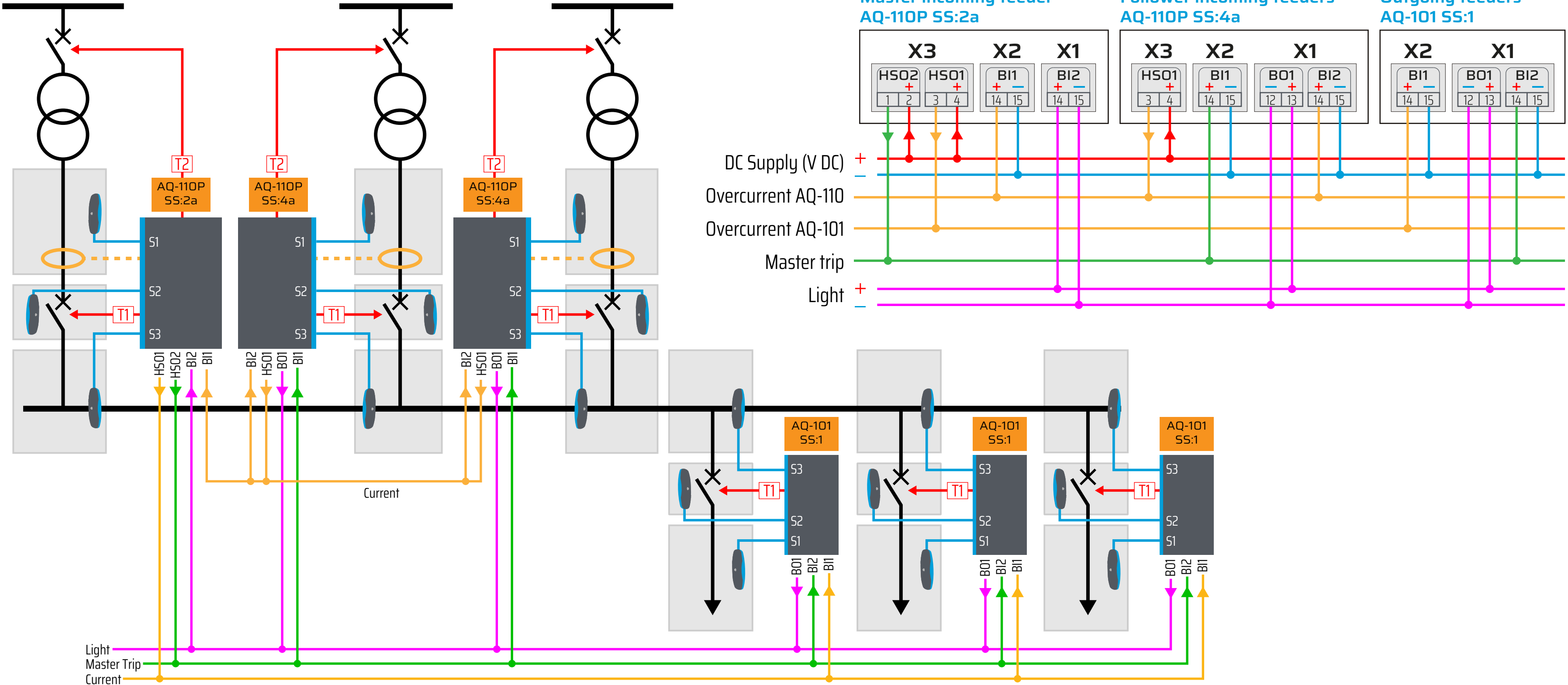
3

2

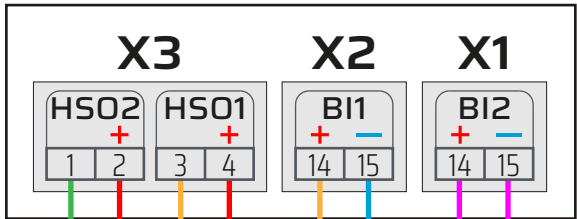
1

SS:1		OUTPUTS	
INPUTS	S1	T1	BO1
	S1	x ¹	CBFP
	S2 - S5		x
Master Trip (BI2)	x		

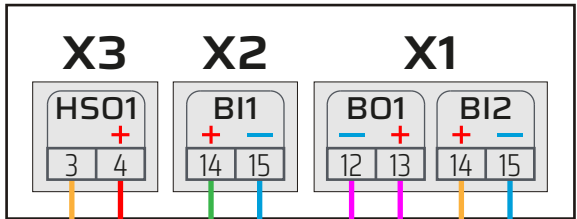
- 1) Activates only if channel has been set to light only mode or overcurrent signal (BI1) is ON.



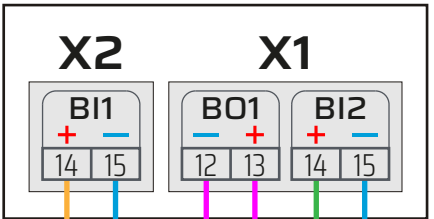
Master incoming feeder
AQ-110P SS:2a



Follower incoming feeders
AQ-110P SS:4a



Outgoing feeders
AQ-101 SS:1



DC Supply (V DC) + -

Overcurrent AQ-110 + -

Overcurrent AQ-101 + -

Master trip + -

Light + -