Solar loop 1
Buffer bypass (PB)

Switch position
(PSS 1) k8A k5 k4
0

(AUT) Closed-loop control

1* PB: Bypass
2* PB: Buffer

Solar loop 2
Solar loop selection

Switch position
(PSS 2) k3 k1 k1 (SPB)

(AUT) Closed-loop control

Charging solar tank 2 (switching valve)

max 5A*

* Total current for the control can not exceed 10A.

Solar module for Buderus series 4000 controllers

Control voltage 120V ~
Extra-low voltage

Circuit diagram:
FM 443