Block Q3PH

The Q3PH block implements by a three-parameter model typically used for heating-demand calculations of buildings.



Q3PH

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Inputs

1 Ambient temperature T_a / °C

Outputs

1 Heating demand Q_h / kWh

Parameters

1 Heating base load Q_hb / kWh
2 Heating change-point temperature / °C
3 Heating slope α_h / kWh K^{-1} (usually negative)

Strings

None