

Block Q3PH

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



Q3PH

Name	Q3PH
Function	bs0030
Inputs	1
Outputs	1
Parameters	3
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Group	S

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