Block EINZON

The EINZON block determines the thermal parameters of a single zone model.



EINZON

Name	EINZON
Function	bs0017
Inputs	0
Outputs	8
Parameters	55
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Group	S

Inputs

None

Outputs

1 RGES
2 CUSE
3 FN
4 FE
5 FS
6 FW
7 FH
8 ASUR

Parameters

1 DU
2 U1
3 Area of the first kind of wall [m^2]
4 U2
5 Area of the second kind of wall [m^2]
6 U3

7 Area of the third kind of wall [m^2]
8 U4
9 Area of the fourth kind of wall [m^2]
10 U5
11 Area of the fifth kind of wall [m^2]
12 UWN1
13 Area of the first North window [m^2]
14 Total energy transmission of the first North window
15 Frame fraction of the first North window
16 UWN2
17 Area of the second North window [m^2]
18 Total energy transmission of the second North window
19 Frame fraction of the second North window
20 UWE1
21 Area of the first East window [m^2]
22 Total energy transmission of the first East window
23 Frame fraction of the first East window
24 UWE2
25 Area of the second East window [m^2]
26 Total energy transmission of the second East window
27 Frame fraction of the second East window
28 UWS1
29 Area of the first South window [m^2]
30 Total energy transmission of the first South window
31 Frame fraction of the first South window
32 UWS2
33 Area of the second South window [m^2]
34 Total energy transmission of the second South window
35 Frame fraction of the second South window
36 UWW1
37 Area of the first West window [m^2]
38 Total energy transmission of the first West window
39 Frame fraction of the first West window
40 UWW2
41 Area of the second West window [m^2]
42 Total energy transmission of the second West window
43 Frame fraction of the second West window
44 UWH1
45 Area of the first Horizontal window [m^2]
46 Total energy transmission of the first Horizontal window
47 Frame fraction of the first Horizontal window
48 UWH2
49 Area of the second Horizontal window [m^2]

50 Total energy transmission of the second Horizontal window
51 Frame fraction of the second Horizontal window
52 Air change rate [1/h]
53 Net volume of zone [m^3]
54 Specific thermal capacitance
55 Net area [m^2]

Strings

None