Project Number: PQ 1006 Revision 1 File Version:





| Project Name: | Sunshine | Coast Un | i Hospita | l Tenancy |
|---------------|----------|----------|-----------|-----------|
|---------------|----------|----------|-----------|-----------|

Controller Name: OOMEN018 - FCU
Controller Description: Alice and George

Model Number: ECB-350

Project Number: PQ 1006
Units: Metric
MAC Address: 4

| | | | | | Point | Туре | | | | | | |
|-------|---------------------|---------|--------------------------|----|-------|------|----|-------------|-----------------|--------|-----|----------|
| Point | Point | Display | | ΑI | DI | AO | DO | Signal | | | | |
| Index | Name | Name | Description | 3 | 2 | 2 | 2 | Туре | Part Number | Detail | Rev | Comments |
| UI1 | Space Temp | | Wall Mounted Temp Sensor | Χ | | | | 10K Type II | PDITE-SENSOR0X0 | | | |
| UI2 | SA Temp | | Duct Mounted Temp Sensor | Χ | | | | 10K Type II | TS-DPR008 | | | |
| UI3 | SA Fan Status | | Current Switch | | Χ | | | Digital | CCS131100 | | | |
| UI4 | Dirty Filter Status | | Air Pressure DP Switch | | Χ | | | Digital | 930.8022252 | | | |
| UI5 | | | | | | | | | | | | |
| UI6 | | | | | | | | | | | | |
| UI7 | | | | | | | | | | | | |
| UI8 | | | | | | | | | | | | |
| UI9 | | | | | | | | | | | | |
| UI10 | | | | | | | | | | | | |
| U01 | SA Fan | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO2 | Chilled Water Valve | | Chilled Water Valve | | | Х | | 0-10V | CHWV Actuator | | | |
| UO3 | Run Status to DDC | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO4 | OA Damper | | Damper Actuator | | | X | | 0-10V | OA Actuator | | | |
| UO5 | | | | | | | | | | | | |
| U06 | | | | | | | | | | | | |
| U07 | | | | | | | | | | | | · |
| U08 | | | | | | | | | | | | |

Notes:

Page 2 of 12





Controller Name: OOMEN018 - FCU
ComSensor Name: Wall Control Station

ComSensor Description: on/off and Setpoint Adjustment

Project Number: PQ 1006

Units: Metric

ComSensor Model Number: EC-Smart-Vue
ComSensor Address: 1

| | | | | | Point | Туре | 9 | | | | | |
|-----------|---------|---------|-------------|----|-------|------|----|-------------|-------------|--------|-----|----------|
| Point | Point | Display | | | | | | Signal | | | | |
| Index | Name | Name | Description | ΑI | DI | AO | DO | Туре | Part Number | Detail | Rev | Comments |
| SpaceTemp | EC-Temp | | | X | | | | Temperature | | | | |

Notes:

Display for on/off and Setpoint Adjustment also has Unit run and fault status on display

Page 3 of 12





Controller Name: OOMEN019 - FCU

Controller Description: Boost Juice

Model Number: ECB-350

Project Number: PQ 1006

Units: Metric

MAC Address: 5

| | | | | | Point | Туре | | | | | | |
|--------------|---------------------|---------|--------------------------|---|-------|------|---|-------------|-----------------|--------|-----|----------|
| Point | Point | Display | | | | AO | | Signal | | | | |
| Index | Name | Name | Description | 3 | 2 | 2 | 2 | Туре | Part Number | Detail | Rev | Comments |
| UI1 | Space Temp | | Wall Mounted Temp Sensor | X | | | | 10K Type II | PDITE-SENSOR0X0 | | | |
| JI2 | SA Temp | | Duct Mounted Temp Sensor | Х | | | | 10K Type II | TS-DPR008 | | | |
| JI3 | SA Fan Status | | Current Switch | | Х | | | Digital | CCS131100 | | | |
| JI4 | Dirty Filter Status | | Air Pressure DP Switch | | Х | | | Digital | 930.8022252 | | | |
| JI5 | | | | | | | | | | | | |
| JI6 | | | | | | | | | | | | |
| JI7 | | | | | | | | | | | | |
| JI8 | | | | | | | | | | | | |
| JI9 | | | | | | | | | | | | |
| JI10 | | | | | | | | | | | | |
| J01 | SA Fan | | Relay | | | | Χ | Digital | IO-RM1-12VDC | | | |
| J02 | Chilled Water Valve | | Chilled Water Valve | | | Х | | 0-10V | CHWV Actuator | | | |
| J O 3 | Run Status to DDC | | Relay | | | | Χ | Digital | IO-RM1-12VDC | | | |
| J04 | OA Damper | | Damper Actuator | | | Х | | 0-10V | OA Actuator | | | |
| J O 5 | | | | | | | | | | | | |
| J06 | | | | | | | | | | | | |
| J07 | | | | | | | | | | | | |
| JO8 | | | | | | | | | | | | |

Notes:

Page 4 of 12





Controller Name: OOMEN019 - FCU
ComSensor Name: Wall Control Station

ComSensor Description: on/off and Setpoint Adjustment

Project Number: PQ 1006

Units: Metric
ComSensor Model Number: EC-Smart-Vue

ComSensor Address: 1

| | <u> </u> | | | | | | | | | | | |
|-----------|----------|---------|-------------|----|-------|------|----|-------------|-------------|--------|-----|----------|
| | | | | | Point | Type | ! | | | | | |
| Point | Point | Display | | | | | | Signal | | | | |
| Index | Name | Name | Description | ΑI | DI | AO | DO | Туре | Part Number | Detail | Rev | Comments |
| SpaceTemp | EC-Temp | | | X | | | | Temperature | | | | |

Notes:

Display for on/off and Setpoint Adjustment also has Unit run and fault status on display

Page 5 of 12





Controller Name: OOMEN020 - FCU and H-01

Controller Description: Sushi Sushi

Model Number: ECB-350

Project Number: PQ 1006
Units: Metric

MAC Address: 6

| | | | | | Point | Туре | ! | | | | | |
|-------|-----------------------|---------|--------------------------|----|-------|------|----|-------------|-----------------------|--------|-----|----------|
| Point | Point | Display | | AI | DI | AO | DO | Signal | | | | |
| Index | Name | Name | Description | 3 | 5 | 2 | 5 | Туре | Part Number | Detail | Rev | Comments |
| UI1 | Space Temp | | Wall Mounted Temp Sensor | X | | | | 10K Type II | PDITE-SENSOR0X0 | | | |
| UI2 | SA Temp | | Duct Mounted Temp Sensor | X | | | | 10K Type II | TS-DPR008 | | | |
| UI3 | SA Fan Status | | Current Switch | | Х | | | Digital | CCS131100 | | | |
| UI4 | Dirty Filter Status | | Air Pressure DP Switch | | Х | | | Digital | 930.8022252 | | | |
| UI5 | H-01 KEF Start/Stop | | KEF CS | | Х | | | Digital | Momentary Push Button | | | |
| UI6 | H-01 KEF Status | | Current Switch | | Х | | | Digital | CCS131100 | | | |
| UI7 | H-01 KEF Dirty Filter | | Air Pressure DP Switch | | Х | | | Digital | 930.8022252 | | | |
| UI8 | | | | | | | | | | | | |
| UI9 | | | | | | | | | | | | |
| UI10 | | | | | | | | | | | | |
| UO1 | SA Fan | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO2 | Chilled Water Valve | | Chilled Water Valve | | | Х | | 0-10V | CHWV Actuator | | | |
| UO3 | Run Status to DDC | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO4 | OA Damper | | Damper Actuator | | | Χ | | 0-10V | OA Actuator | | | |
| UO5 | H-01 KEF Fan | | Relay | | | | X | Digital | IO-RM1-12VDC | | | |
| UO6 | H-01 KEF Run LED | - | KEF CS | | | | | Digital | 24VAC Green Neon | | | |
| U07 | H-01 KEF Fault LED | | KEF CS | | | | Х | Digital | 24VAC Red Neon | | | |
| UO8 | | | | | | | | | | | | _ |

Notes:

Page 6 of 12





Controller Name: OOMEN020 - FCU and H-01
ComSensor Name: Wall Control Station

ComSensor Description: on/off and Setpoint Adjustment

Project Number: PQ 1006

Units: Metric

ComSensor Model Number: EC-Smart-Vue

ComSensor Address: 1

| | | | | | Point | t Type | | | | | | |
|-----------|---------|---------|-------------|----|-------|--------|----|-------------|-------------|--------|-----|----------|
| Point | Point | Display | | | | | | Signal | | | | |
| Index | Name | Name | Description | ΑI | DI | AO | DO | Type | Part Number | Detail | Rev | Comments |
| SpaceTemp | EC-Temp | | | X | | | | Temperature | | | | |

Notes:

Display for on/off and Setpoint Adjustment also has Unit run and fault status on display

Page 7 of 12





Controller Name: OOMEN021 - FCU and H-02

Controller Description: The Kitchen FCU #1

Model Number: ECB-350

Project Number: PQ 1006
Units: Metric

MAC Address: 7

| | | | | | Point | Type | | | | | | |
|-------|-----------------------|---------|--------------------------|----|-------|------|----|-------------|-----------------------|--------|-----|----------|
| Point | Point | Display | | Al | DI | AO | DO | Signal | | | | |
| Index | Name | Name | Description | 3 | 5 | 2 | 5 | Туре | Part Number | Detail | Rev | Comments |
| UI1 | Space Temp | | Wall Mounted Temp Sensor | X | | | | 10K Type II | PDITE-SENSOR0X0 | | | |
| UI2 | SA Temp | | Duct Mounted Temp Sensor | X | | | | 10K Type II | TS-DPR008 | | | |
| UI3 | SA Fan Status | | Current Switch | | Х | | | Digital | CCS131100 | | | |
| UI4 | Dirty Filter Status | | Air Pressure DP Switch | | Х | | | Digital | 930.8022252 | | | |
| UI5 | H-02 KEF Start/Stop | | KEF CS | | Х | | | Digital | Momentary Push Button | | | |
| UI6 | H-02 KEF Status | | Current Switch | | Х | | | Digital | CCS131100 | | | |
| UI7 | H-02 KEF Dirty Filter | | Air Pressure DP Switch | | Х | | | Digital | 930.8022252 | | | |
| UI8 | | | | | | | | | | | | |
| UI9 | | | | | | | | | | | | |
| UI10 | | | | | | | | | | | | |
| UO1 | SA Fan | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO2 | Chilled Water Valve | | Chilled Water Valve | | | Х | | 0-10V | CHWV Actuator | | | |
| UO3 | Run Status to DDC | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO4 | OA Damper | | Damper Actuator | | | Х | | 0-10V | OA Actuator | | | |
| UO5 | H-02 KEF Fan | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO6 | H-02 KEF Run LED | | KEF CS | | | | Х | Digital | 24VAC Green Neon | | | |
| U07 | H-02 KEF Fault LED | | KEF CS | | | | X | Digital | 24VAC Red Neon | | | |
| UO8 | | | | | | | | | | | | |

Notes:

Page 8 of 12





Controller Name: OOMEN021 - FCU and H-02

ComSensor Name: Wall Control Station

ComSensor Description: on/off and Setpoint Adjustment

Project Number: PQ 1006

Units: Metric

ComSensor Model Number: EC-Smart-Vue
ComSensor Address: 1

| | | | | | Point | Туре | | | | | | |
|-----------|---------|---------|-------------|----|-------|------|----|-------------|-------------|--------|-----|----------|
| Point | Point | Display | | | | | | Signal | | | | |
| Index | Name | Name | Description | ΑI | DI | AO | DO | Type | Part Number | Detail | Rev | Comments |
| SpaceTemp | EC-Temp | | | X | | | | Temperature | | | | |

Notes

Display for on/off and Setpoint Adjustment also has Unit run and fault status on display

Page 9 of 12





Controller Name: OOMEN023 - FCU and H-03

Controller Description: The Kitchen FCU #2

Model Number: ECB-350

 Project Number:
 PQ 1006

 Units:
 Metric

 MAC Address:
 8

| | | | | | Point | Туре | | | | | | |
|-------|-----------------------|---------|--------------------------|----|-------|------|----|-------------|-----------------------|--------|-----|----------|
| Point | Point | Display | | ΑI | DI | AO | DO | Signal | | | | |
| Index | Name | Name | Description | 3 | 5 | 2 | 5 | Туре | Part Number | Detail | Rev | Comments |
| UI1 | Space Temp | | Wall Mounted Temp Sensor | X | | | | 10K Type II | PDITE-SENSOR0X0 | | | |
| UI2 | SA Temp | | Duct Mounted Temp Sensor | Х | | | | 10K Type II | TS-DPR008 | | | |
| UI3 | SA Fan Status | | Current Switch | | Χ | | | Digital | CCS131100 | | | |
| UI4 | Dirty Filter Status | | Air Pressure DP Switch | | Χ | | | Digital | 930.8022252 | | | |
| UI5 | H-03 KEF Start/Stop | | KEF CS | | Χ | | | Digital | Momentary Push Button | | | |
| UI6 | H-03 KEF Status | | Current Switch | | Χ | | | Digital | CCS131100 | | | |
| UI7 | H-03 KEF Dirty Filter | | Air Pressure DP Switch | | Χ | | | Digital | 930.8022252 | | | |
| UI8 | | | | | | | | | | | | |
| UI9 | | | | | | | | | | | | |
| UI10 | | | | | | | | | | | | |
| U01 | SA Fan | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO2 | Chilled Water Valve | | Chilled Water Valve | | | Х | | 0-10V | CHWV Actuator | | | |
| UO3 | Run Status to DDC | | Relay | | | | Х | Digital | IO-RM1-12VDC | | | |
| UO4 | OA Damper | | Damper Actuator | | | Χ | | 0-10V | OA Actuator | | | |
| UO5 | H-03 KEF Fan | | Relay | | | | X | Digital | IO-RM1-12VDC | | | |
| U06 | H-03 KEF Run LED | • | KEF CS | | | | X | Digital | 24VAC Green Neon | | | |
| U07 | H-03 KEF Fault LED | | KEF CS | | | | Х | Digital | 24VAC Red Neon | - | - | |
| UO8 | | | - | | | | | | • | | | • |

Notes:

Page 10 of 12





Controller Name: OOMEN023 - FCU and H-03

ComSensor Name: Wall Control Station

ComSensor Description: on/off and Setpoint Adjustment

Project Number: PQ 1006

Units: Metric

ComSensor Model Number: EC-Smart-Vue

ComSensor Address: 1

| | | | | | Point | t Type | | | | | | |
|-----------|---------|---------|-------------|----|-------|--------|----|-------------|-------------|--------|-----|----------|
| Point | Point | Display | | | | | | Signal | | | | |
| Index | Name | Name | Description | ΑI | DI | AO | DO | Type | Part Number | Detail | Rev | Comments |
| SpaceTemp | EC-Temp | | | X | | | | Temperature | | | | |

Notes:

Display for on/off and Setpoint Adjustment also has Unit run and fault status on display

Page 11 of 12





Controller Name: H-04 and H-05

Controller Description: Epicure

Model Number: ECB-350

Project Number: PQ 1006

Units: Metric

MAC Address: 9

| | | | | | Doi | nt Ty | ma | I | | | | |
|-------|--------------------------|---------|------------------------|---|-----|-------|------|---------|-----------------------|--------|-----|----------|
| Point | Point | Display | | Δ | | | O DO | Signal | | | | |
| Index | Name | Name | Description | 7 | _ | _ | _ | Type | Part Number | Detail | Rev | Comments |
| UI1 | H-04 KEF Start/Stop | | Air Pressure DP Switch | | X | | | Digital | Momentary Push Button | | | |
| UI2 | H-04 KEF Status | | KEF CS | | Х | | | Digital | CCS131100 | | | |
| UI3 | H-04 Dirty Filter Status | | Current Switch | | Х | | | Digital | 930.8022252 | | | |
| UI4 | H-05 KEF Start/Stop | | Air Pressure DP Switch | | Х | | | Digital | Momentary Push Button | | | |
| UI5 | H-05 KEF Status | | KEF CS | | Х | | | Digital | CCS131100 | | | |
| UI6 | H-05 Dirty Filter Status | | Current Switch | | Х | | | Digital | 930.8022252 | | | |
| UI7 | | | | | | | | | | | | |
| UI8 | | | | | | | | | | | | |
| UI9 | | | | | | | | | | | | |
| UI10 | | | | | | | | | | | | |
| U01 | H-04 KEF Fan | | Relay | | | | X | Digital | IO-RM1-12VDC | | | |
| UO2 | H-04 KEF Run LED | | KEF CS | | | | X | Digital | 24VAC Green Neon | | | |
| UO3 | H-04 KEF Fault LED | | KEF CS | | | | X | Digital | 24VAC Red Neon | | | |
| UO4 | H-05 KEF Fan | | Relay | | | | X | Digital | IO-RM1-12VDC | | | |
| UO5 | H-05 KEF Run LED | | KEF CS | | | | X | Digital | 24VAC Green Neon | | | |
| UO6 | H-05 KEF Fault LED | | KEF CS | | | | X | Digital | 24VAC Red Neon | | | |
| U07 | | | | | | | | | | | | |
| UO8 | | | | | | | | | | | | |

Notes:

Page 12 of 12