

PROJECT TITLE:
SCUH Retail Tenancies

CLIENT:
Shop Steel

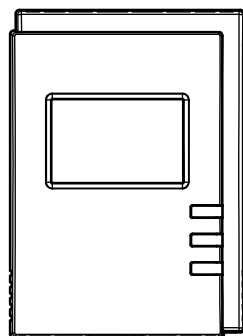
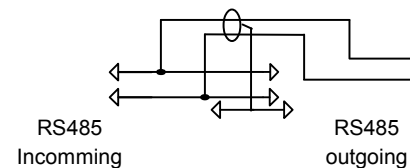
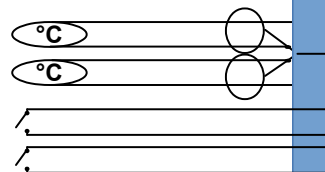
REV	AMENDMENT	DATE
A	PRELIMINARY	7-10-16



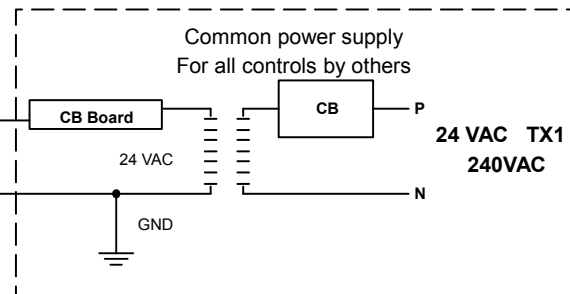
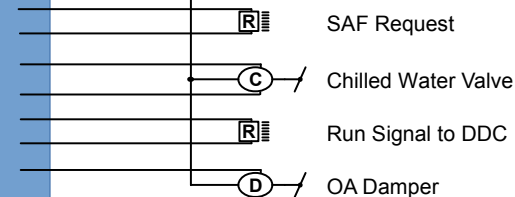
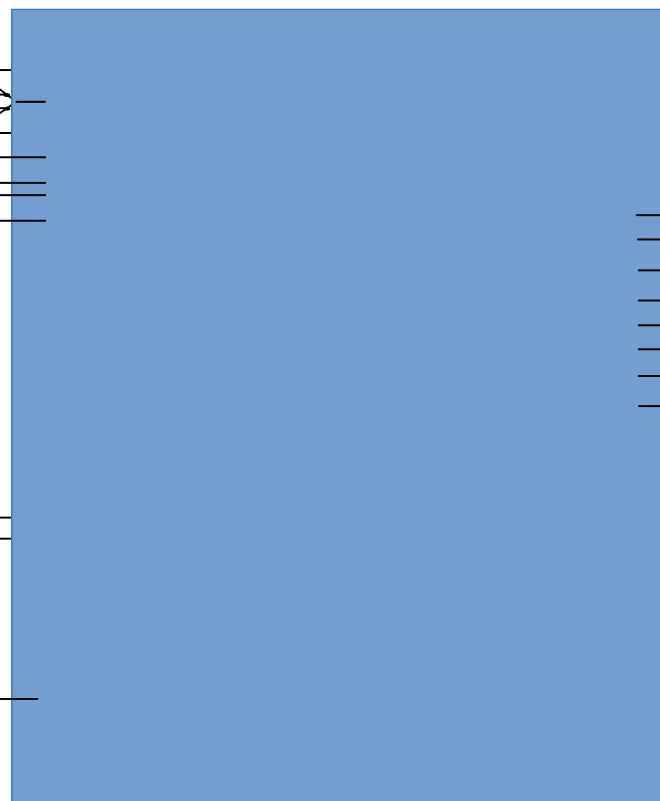
Controlworks Qld Pty Ltd
www.controlworks.com.au

DRAWN: MJS	CHECK: MJS
JOB No: PQ-1006	REVISION: A
DRAWING No: SSNE-01	
DRAWING NAME: Network Install Layout	

Space Temp
SA Temp
Fan Status
Dirty Filter




CAT5 PATCH LEAD

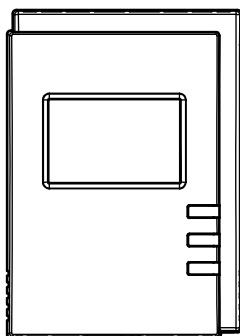
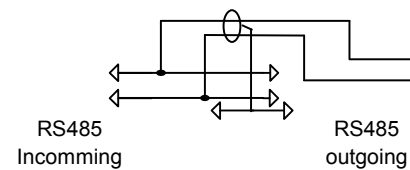
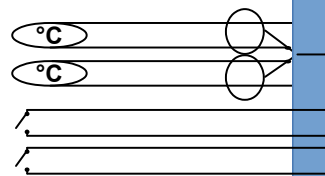


FCU: OOMEN018
Alice and George

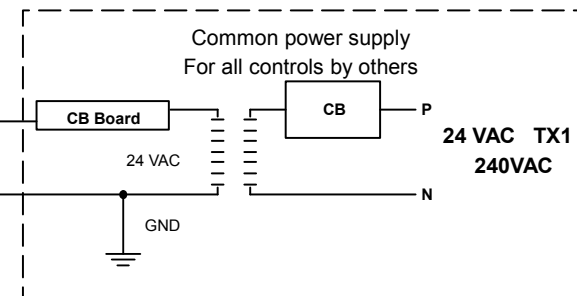
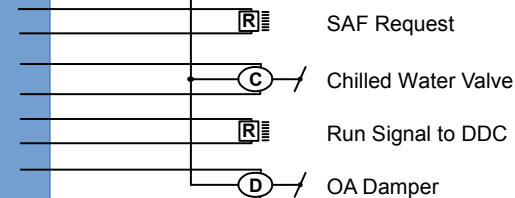
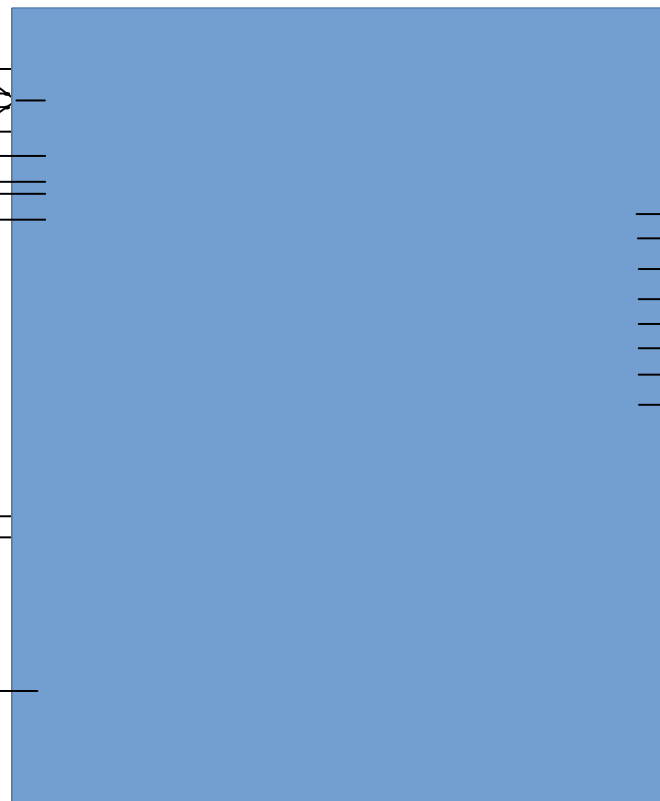
BACnet
Mac Add: 4
Device Instance: 364004

PROJECT TITLE: SCUH Retail Tenancies	REV	AMENDMENT	DATE	 Controlworks Qld Pty Ltd www.controlworks.com.au	DRAWN: MJS	CHECK: MJS
	A	PRELIMINARY	7-10-16		JOB No: PQ-1006	REVISION:
CLIENT: Shop Steel					DRAWING No: SSCE-01	
					DRAWING NAME: FCU Conection Diagram	

Space Temp
SA Temp
Fan Status
Dirty Filter




CAT5 PATCH LEAD



FCU: OOMEN019
Boost Juice

BACnet
Mac Add: 5
Device Instance: 364005

PROJECT TITLE: SCUH Retail Tenancies	REV	AMENDMENT	DATE	 Controlworks Qld Pty Ltd www.controlworks.com.au	DRAWN: MJS	CHECK: MJS
	A	PRELIMINARY	7-10-16		JOB No: PQ-1006	REVISION:
CLIENT: Shop Steel					DRAWING No: SSCE-02	
					DRAWING NAME: FCU Conection Diagram	

Space Temp

°C

SA Temp

°C

Fan Status

Dirty Filter

H-01 KEF PB

H-01 KEF Fan Status

H-01 KEF Dirty Filter

RS485
Incomming

RS485
outgoing

CAT5 PATCH LEAD

Common power supply
For all controls by others

CB Board

CB

24 VAC

24 VAC TX1
240VAC

GND

N

R

SAF Request

C

Chilled Water Valve

R

Run Signal to DDC

D

OA Damper

H-01 KEF Request
Damper

R

H-01 KEF Run LED

R

H-01 KEF Fault LED

Gas Interlock

FCU: OOMEN020

KEF: H-01

Sushi Sushi

BACnet

Mac Add: 6

Device Instance: 364006

PROJECT TITLE:
SCUH Retail Tenancies

CLIENT:
Shop Steel

REV

A

AMENDMENT

PRELIMINARY

DATE

7-10-16



Controlworks Qld Pty Ltd
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DRAWN: MJS

CHECK: MJS

JOB No: PQ-1006

REVISION:

DRAWING No:

SSCE-03

DRAWING NAME:

FCU Conection Diagram

Space Temp

SA Temp

Fan Status

Dirty Filter

H-02 KEF PB

H-02 KEF Fan Status

H-02KEF Dirty Filter

RS485
Incomming

RS485
outgoing

CAT5 PATCH LEAD

Common power supply
For all controls by others

CB Board

CB

24 VAC

24 VAC TX1
240VAC

GND

N

R

SAF Request

C

Chilled Water Valve

R

Run Signal to DDC

D

OA Damper

R

H-02 KEF Request

R

H-02 KEF Run LED

R

H-02 KEF Fault LED

Gas Interlock

FCU: OOMEN021

KEF: H-02

The Kitchen

BACnet

Mac Add: 7

Device Instance: 364007

PROJECT TITLE:
SCUH Retail Tenancies

CLIENT:
Shop Steel

REV

A

AMENDMENT

PRELIMINARY

DATE

7-10-16



Controlworks Qld Pty Ltd
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DRAWN: MJS

CHECK: MJS

JOB No: PQ-1006

REVISION:

DRAWING No:

SSCE-04

DRAWING NAME:

FCU Conection Diagram

Space Temp

°C

SA Temp

°C

Fan Status

Dirty Filter

H-03 KEF PB

H-03 KEF Fan Status

H-03 KEF Dirty Filter

RS485
Incomming

RS485
outgoing

CAT5 PATCH LEAD

Common power supply
For all controls by others

CB Board

CB

24 VAC

24 VAC TX1
240VAC

GND

P

N

R

SAF Request

C

Chilled Water Valve

R

Run Signal to DDC

D

OA Damper

R

H-03 KEF Request

R

H-03 KEF Run LED

R

H-03 KEF Fault LED

Gas Interlock

FCU: OOMEN023

KEF: H-03

The Kitchen

BACnet

Mac Add: 8

Device Instance: 364008

PROJECT TITLE:
SCUH Retail Tenancies

CLIENT:
Shop Steel

REV

A

AMENDMENT

PRELIMINARY

DATE

7-10-16



Controlworks Qld Pty Ltd
www.controlworks.com.au

DRAWN: MJS

CHECK: MJS

JOB No: PQ-1006

REVISION:

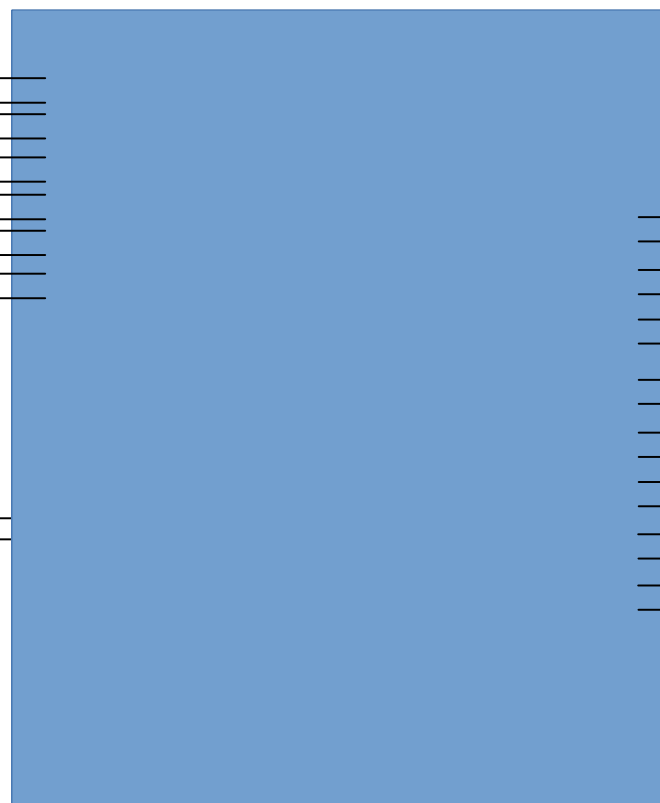
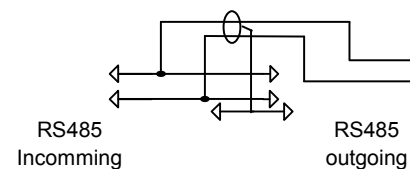
DRAWING No:

SSCE-05

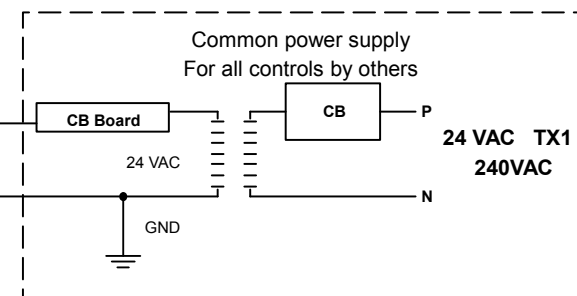
DRAWING NAME:

FCU Conection Diagram

H-04 KEF PB
H-04 KEF Fan Status
H-04 KEF Dirty Filter
H-05 KEF PB
H-05 KEF Fan Status
H-05 KEF Dirty Filter




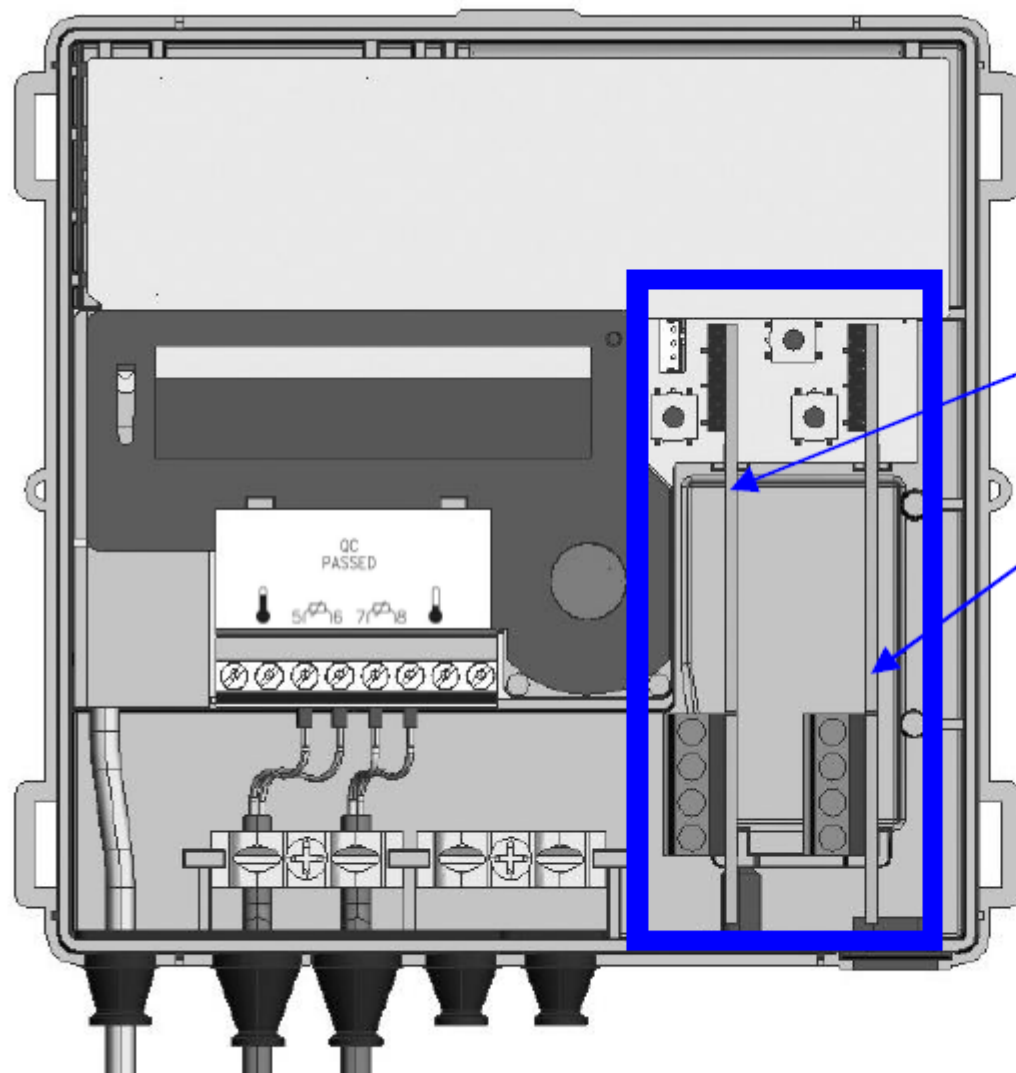
H-04 KEF Request
H-04 KEF Run LED
H-04 KEF Fault LED
H-05 KEF Request
H-05 KEF Run LED
H-05 KEF Fault LED
Gas Interlock
Gas Interlock



KEF: H-04 and H-05
Epicure

BACnet
Mac Add: 9
Device Instance: 364009

PROJECT TITLE: SCUH Retail Tenancies	REV	AMENDMENT	DATE	 Controlworks Qld Pty Ltd www.controlworks.com.au	DRAWN: MJS	CHECK: MJS
	A	PRELIMINARY	7-10-16		JOB No: PQ-1006	REVISION:
CLIENT: Shop Steel					DRAWING No: SSCE-06	
					DRAWING NAME: KEF Conection Diagram	




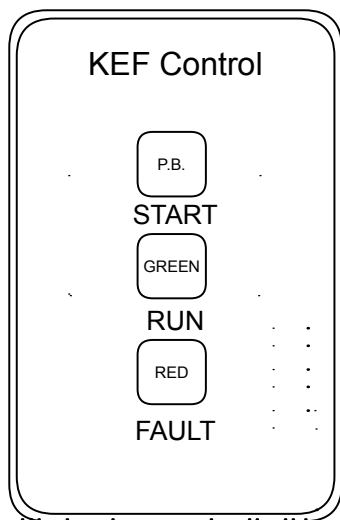
Module 1

Module 2

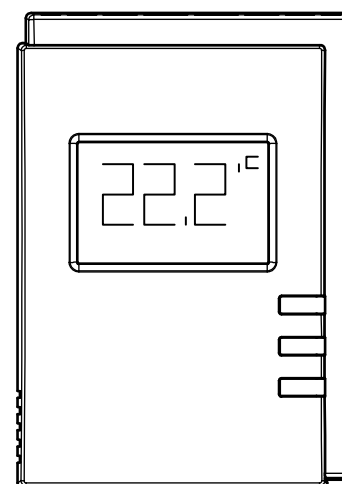
Fit the WZU-P2 Pulse Module to the module one location as shown

Pulse output to connect direct to BMS system

PROJECT TITLE: SCUH Retail Tenancies	REV	AMENDMENT	DATE	 Controlworks Qld Pty Ltd www.controlworks.com.au	DRAWN: MJS	CHECK: MJS
	A	PRELIMINARY	7-10-16		JOB No: PQ-1006	REVISION:
CLIENT: Shop Steel					DRAWING No: SSCE-07	
					DRAWING NAME: Typical Flow Meter	



KEF Control Station




EC Smart Vue
FCU Control Station

Increase

Enter/Select

Decrease

PROJECT TITLE: SCUH Retail Tenancies	REV	AMENDMENT	DATE	 Controlworks Qld Pty Ltd www.controlworks.com.au	DRAWN: MJS	CHECK: MJS
	A	PRELIMINARY	7-10-16		JOB No: PQ-1006	REVISION:
					DRAWING No:	SSCE-08
					DRAWING NAME:	Control Stations
CLIENT: Shop Steel						