ACSC100-101 - In Row SC, Air Cooled, Self Contained.

Sheet No.	Component /Detail	Description
1	Draw ing Guide	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Draw ing guide.
2	Isometric External View	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Isometric External View.
3	General Arrangement	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, General Arrangement.
4	Top & Bottom View	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Top & Bottom View
5	Anchoring Details	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Anchoring Details.
6	Ceiling Tile Kit Details	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Ceiling Tile Kit Details.
7	Isometric Internal View	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Isometric Internal View.
8	Internal View	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Internal View.
9	Internal Piping	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Internal Piping.
10	Pow er Card Connection Details	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Pow er Card Connection Details.
11	Control & User Interface	ACSC100-101,200-240V 50 Hz & 60 Hz, Air Cooled, Control & User Interface.

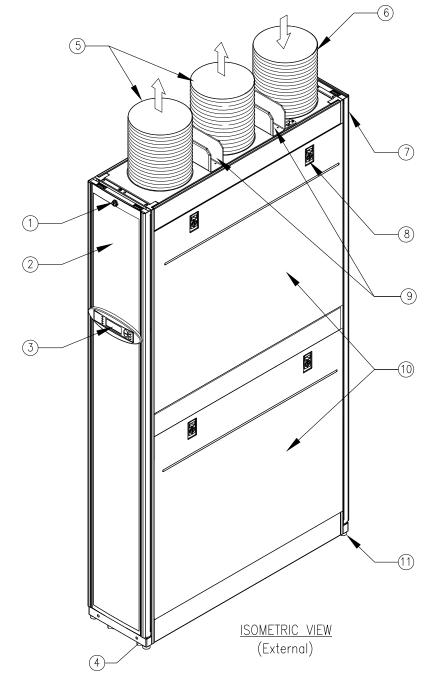
LEGEND				
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
	COMPRESSOR		ELECTRONIC HOT GAS BYPASS VALVE	
<u> </u>	REFRIGERENT LIQUID CONTROL DRIER	\bigotimes	THERMOSTATIC EXPANSION VALVE	
	CONDENSATE PUMP		DISTRIBUTOR	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE



)	DWG NO: A	REV.		
7	DRAWN:	SURAJ P	8-MAR-12	ANGLE
	ENGINEER:R.BR	aun/e.klostermann	28-MAR-12	PROJECTION:
OF 11	APPROVED:	C.CUMMISKEY	28-MAR-12	N/A

- (1) DOOR LOCK
- 2) REMOVABLE FRONT DOOR
- (3) DISPLAY INTERFACE
- (4) CASTERS (FRONT=SWIVELING REAR=NON-SWIVELING)
- (5) EXHAUST AIR DUCTS
- 6) INTAKE AIR DUCT
- 7) REMOVABLE REAR DOOR
- (8) PANEL LATCH LOCK
- 9 CABLE TROUGHS (OPTIONAL)
- (10) REMOVABLE SIDE PANELS
- 1) LEVELING FEET (4-PLACES)



NOTES

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

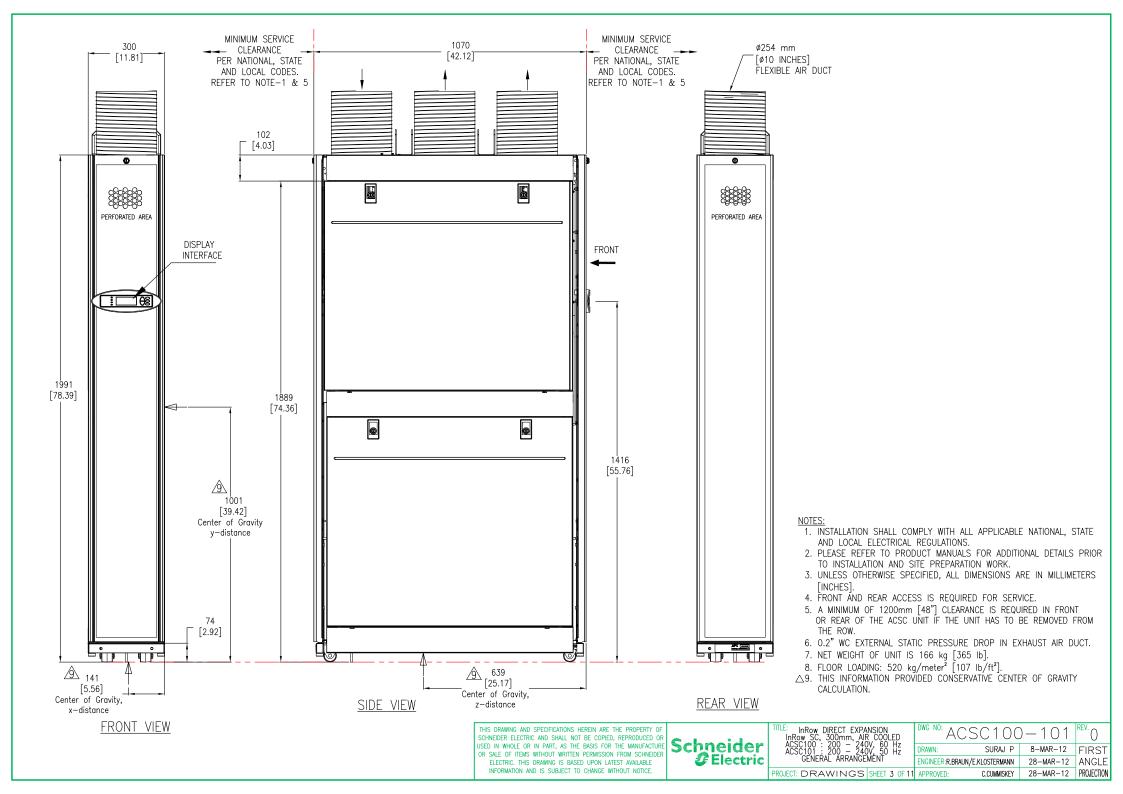
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

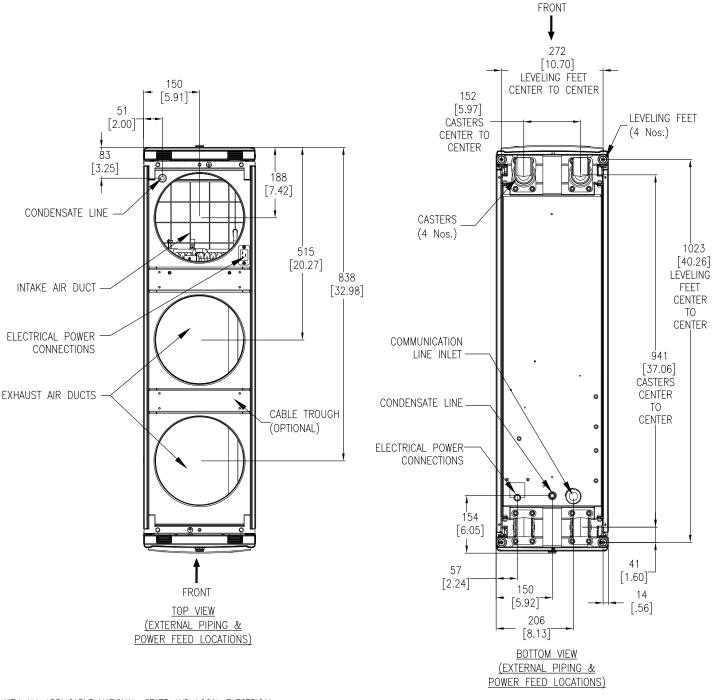


INROW DIRECT EXPANSION INROW SC, 300mm, AIR COOLED ACSC100: 200 - 240V, 60 Hz	DWG NO:
ACSC101 : 200 - 240V, 50 Hz	DRAWN:
ISOMETRIC EXTERNAL VIEW	ENGINEER:R
PROJECT: DRAWINGS SHEET 2 OF 11	APPROVED:

DWG NO: △	CSC100) — 101	REV.
DRAWN:	SURAJ P	8-MAR-12	ANGL
ENGINEER:R.E	RAUN/F.KI OSTERMANN	28-MAR-12	PROJECTION

28-MAR-12 N/A





NOTES:

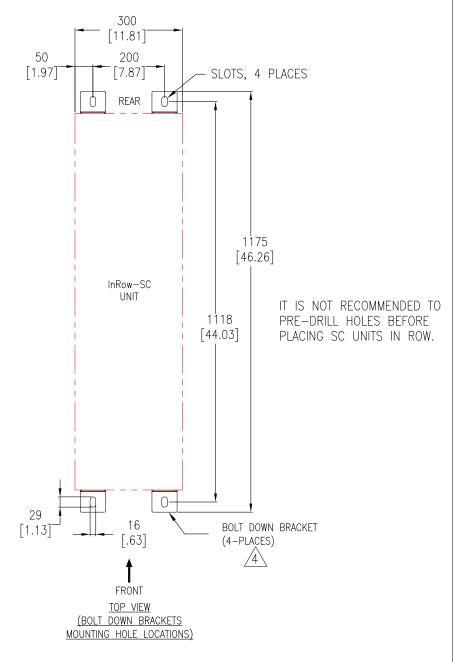
- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- 2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



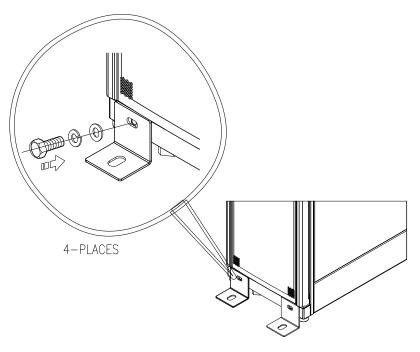
InRow DIRECT EXPANSION InRow SC, 300mm, AIR COOLED	DWG NO:
ACSC100 : 200 - 240V, 60 Hz ACSC101 : 200 - 240V, 50 Hz TOP VIFW & BOTTOM VIFW	DRAWN: ENGINEER:R
	ENGINEER:K.
PROJECT: DRAWINGS SHEET 4 OF 11	APPROVED:

	DWG NO: ACSC100-101			REV.
D Iz Iz	DRAWN:	SURAJ P	8-MAR-12	FIRST
	ENGINEER:R.BRAU	IN/E.KLOSTERMANN	28-MAR-12	ANGLE
0F 11	APPROVED:	C.CUMMISKEY	28-MAR-12	PROJECTION



STABILIZING THE InRow SC:

TO PREVENT THE ENCLOSURE FROM MOVING FROM ITS FINAL LOCATION
(IF NOT JOINED WITH ANOTHER COMPONENT USE AR7701(BOLT-DOWN KIT)
ATTACH THE BRACKETS TO THE UNIT AS SHOWN.
USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT TO THE FLOOR.



NOTE: RECOMMENDED TORQUE IS 9-11.3 N-m [80-100 LBS-INCHES]

NOTES:

<u>NOTES.</u> 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.

2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

3.UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].

 \triangle 4.BOLT DOWN KIT (#AR7701) IS OPTIONAL AND HAS TO BE ORDERED SEPARATELY.

5.REFER TO "InfraStruXure InRow-SC SEISMIC INSTALLATION GUIDE" FOR ANCHORING DETAILS.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



TITLE: InRow DIRECT EXPANSION InRow SC, 300mm, AIR COOLED ACSC100 : 200 - 240V, 60 Hz	DWG NO: /
ACSC100 : 200 - 240V, 60 Hz ACSC101 : 200 - 240V, 50 Hz ANCHORING DETAILS	DRAWN:
ANCHORING DETAILS	ENGINEER:R.
PROJECT: DRAWINGS SHEET 5 OF 11	APPROVED:

 DWG NO:
 ACSC100—101
 REV.
 0

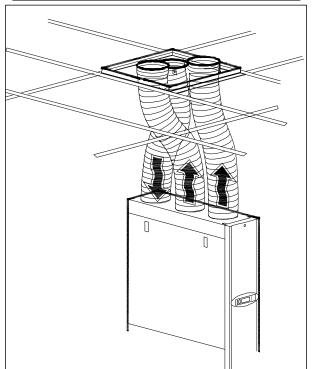
 DRAWN:
 SURAJ P
 8-MAR-12
 FIRST

 ENGINEER:R.BRAUN/E.KLOSTERMANN
 28-MAR-12
 ANGLE

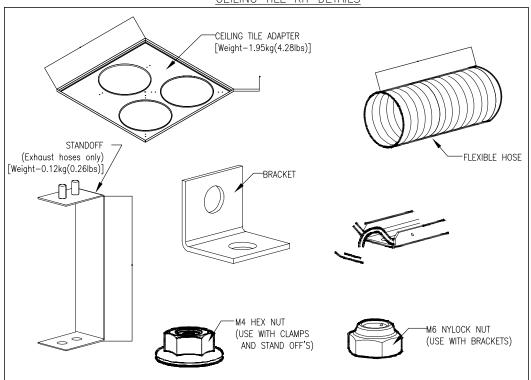
C.CUMMISKEY

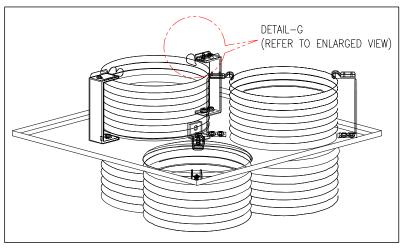
28-MAR-12 PROJECTION

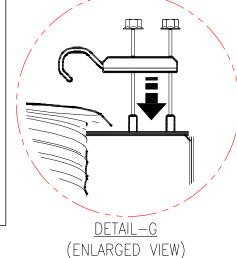
TYPICAL INTAKE AND EXHAUST TUBE CONNECTION



CEILING TILE KIT DETAILS







CEILING KIT ASSEMBLY

1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

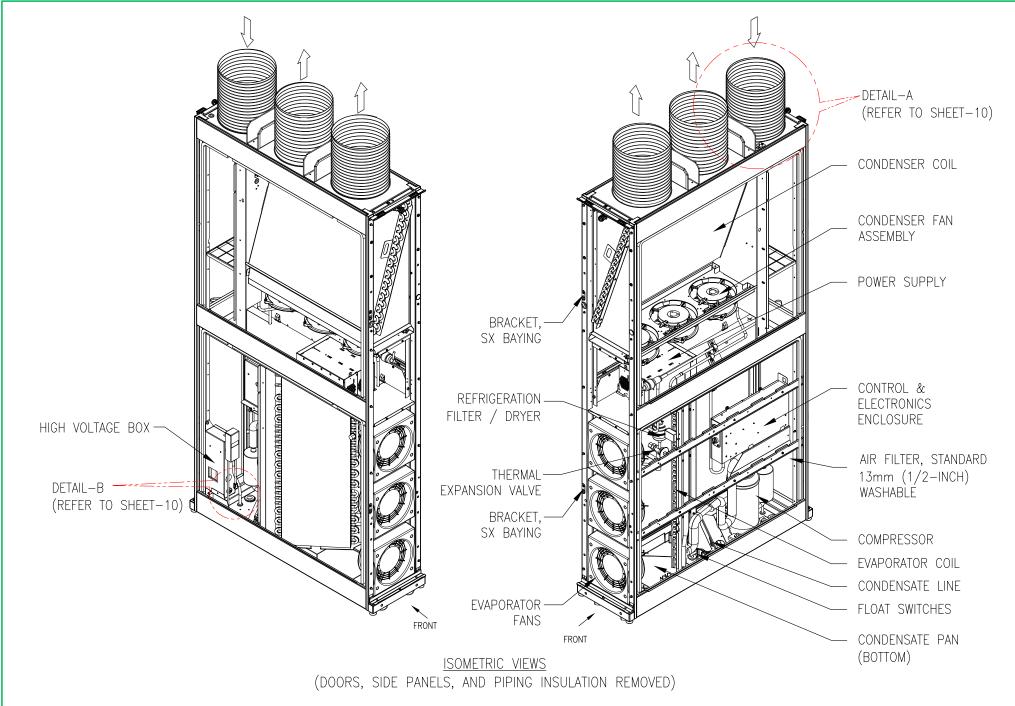
3.UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



ACSC100-101 8-MAR-12 SURAJ P

FIRST ENGINEER:R.BRAUN/E.KLOSTERMANN 28-MAR-12 ANGLE PROJECT: DRAWINGS SHEET 6 OF 11 APPROVED: C.CUMMISKEY 28-MAR-12 PROJECTION



NOTES

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

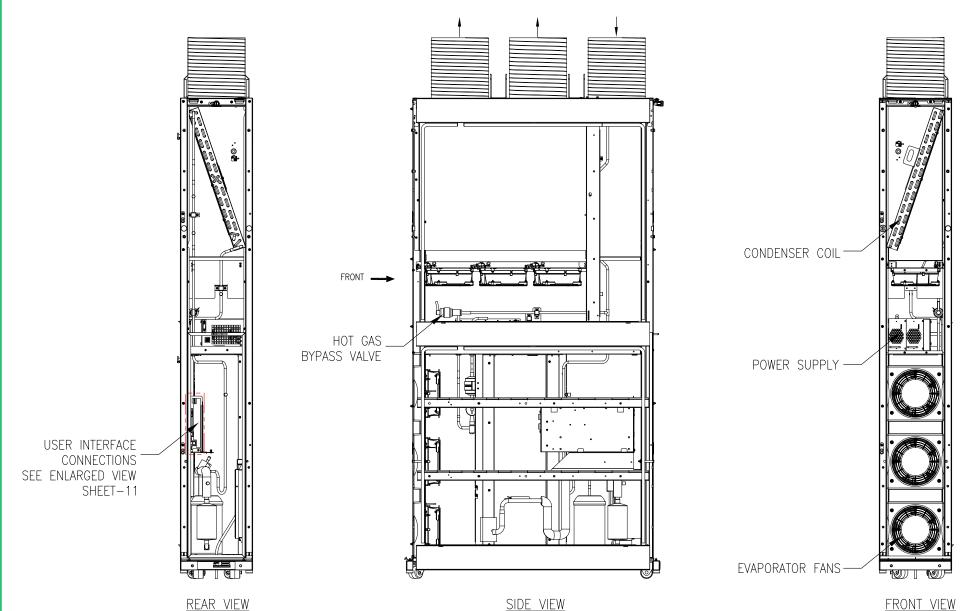
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR SUSED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHAMSE WITHOUT NOTICE.



INROW DIRECT EXPANSION INROW SC, 300mm, AIR COOLED ACSC100: 200 - 240V, 60 Hz	DWG NO:
ACSC101 : 200 - 240V. 50 Hz	DRAWN:
ISOMETRIC ÎNTERNAL VIEW	ENGINEER:R
PROJECT: DRAWINGS SHEET 7 OF 11	APPROVED:

DWG NO:	ACSC10	0-101	REV. 1
DRAWN:	SURAJ P/S CUNHA	23-0CT-14	ANGLE
ENGINEER	:R.BRAUN/E.KLOSTERMANI	1 28-MAR-12	PROJECTION

28-MAR-12 NA



REAR VIEW
REAR DOOR, FILTERS AND PIPING
INSULATION REMOVED

SIDE VIEW
SIDE PANELS REMOVED

FRONT VIEW
REAR DOOR, FILTERS AND PIPING
INSULATION REMOVED

NOTES

- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- 2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

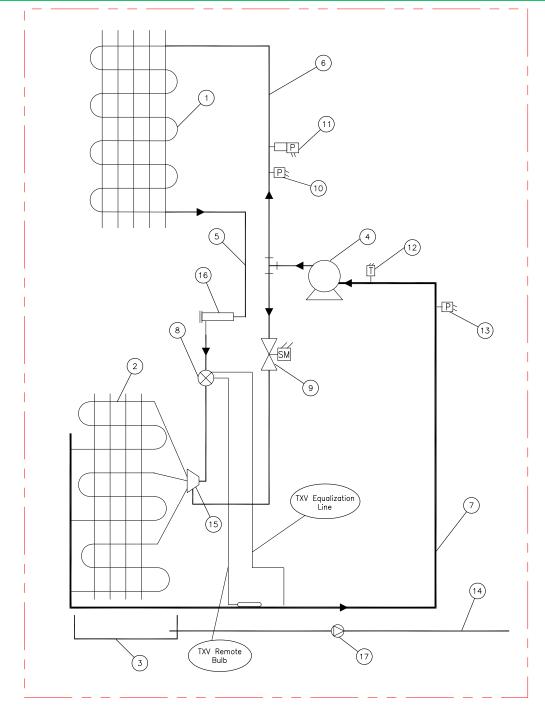
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC, THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



TITLE: InRow DIRECT EXPANSION InRow SC, 300mm, AIR COOLED	DWG NO:
ACSC100 : 200 - 240V, 60 Hz ACSC101 : 200 - 240V, 50 Hz INTERNAL VIEW	DRAWN:
INTERNAL VIEW	ENGINEER: F
PROJECT: DRAWINGS SHEET 8 OF 11	APPROVED:

DWG NO:	ACSC10	0-101
DRAWN:	SLIRALI P/S CLINHA	23-0CT-14

ENGINEER: R.BRAUN/E.KLOSTERMANN 28—MAR—12 ANGLE APPROVED: C.CUMMISKEY 28—MAR—12 PROJECTION



- (1) CONDENSER COIL
- (2) EVAPORATOR COIL
- (3) CONDENSATE PAN
- (4) COMPRESSOR
- (5) REFRIGERANT LIQUID PIPING
- (6) REFRIGERANT DISCHARGE PIPING
- (7) REFRIGERANT SUCTION PIPING
- (8) THERMOSTATIC EXPANSION VALVE
- 10 DISCHARGE PRESSURE TRANSDUCER
- (1) HIGH PRESSURE CUT OUT SWITCH
- (12) SUCTION TEMPERATURE SENSOR
- (13) SUCTION PRESSURE TRANSDUCER
- (4) CONDENSATE DRAIN (ONE DRAIN LINE PROVIDED, CUSTOMER TO ROUTE FOR BOTTOM PLUMB OR TOP PLUMB)
- 15) DISTRIBUTOR
- (16) REFRIGERANT LIQUID FILTER DRIER
- (17) CONDENSATE PUMP

NOTES:

1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE
PREPARATION WORK.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR SUSED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.



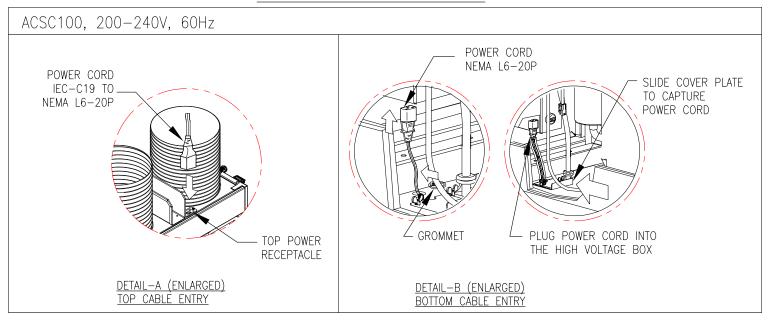


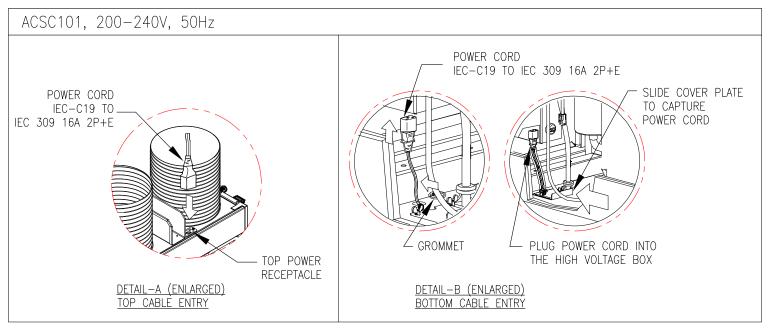
)	DWG NO: ACSC100-101			
Z Z	DRAWN:	SURAJ P	8-MAR-12	ANGL
	ENGINEER: R.	Braun/E.Klostermann	28-MAR-12	PROJECTI

C.CUMMISKEY

28-MAR-12

POWER CORD CONNECTIONS





NOTES:

- 1.INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- 2.PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

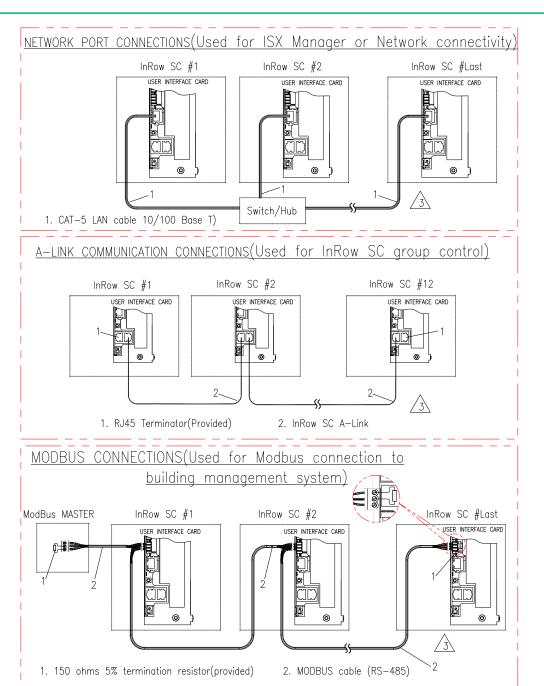
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

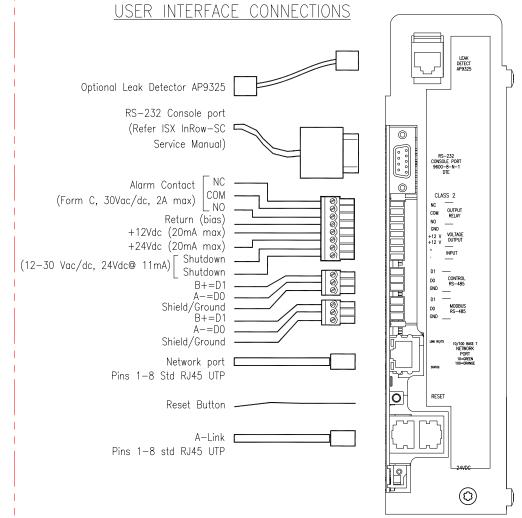


	TITLE: InRow DIRECT EXPANSION InRow SC, 300mm, AIR COOLED ACSC100: 200 - 240V, 60 Hz	DWG NO:
•	ACSC100 : 200 — 240V, 60 Hz ACSC101 : 200 — 240V, 50 Hz POWER CARD CONNECTION DETAILS	DRAWN:
3	POWER CARD CONNECTION DETAILS	ENGINEER: R
	PROJECT: DRAWINGS SHEET 10 OF 11	APPROVED:

	DWG NO: A	REV.		
	DRAWN:	SURAJ P	8-MAR-12	ANGLE
3	ENGINEER: R.	Braun/E.Klostermann	28-MAR-12	PROJECTION

C.CUMMISKEY 28-MAR-12





NOTES:

- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
- PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- △ 3. INTER-CONNECTING WIRING IS SUPPLIED AND FIELD INSTALLED BY OTHERS.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OF USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.





 DWG NO:
 ACSC100-101
 REV.
 0

 DRAWN:
 SURAJ P
 8-MAR-12
 ANGLE

 ENGINEER:
 R.BRADY/E.KLOSTERMANN
 28-MAR-12
 PROJECTION

28-MAR-12

C.CUMMISKEY