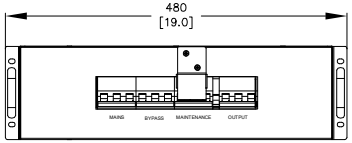
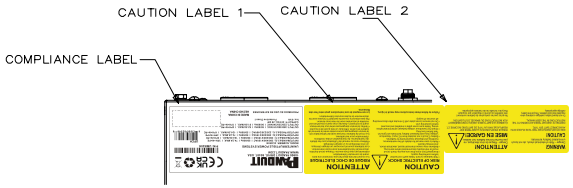
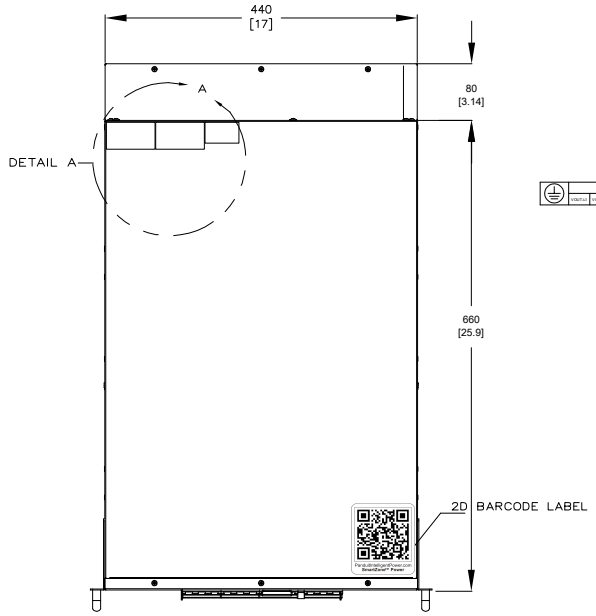
THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



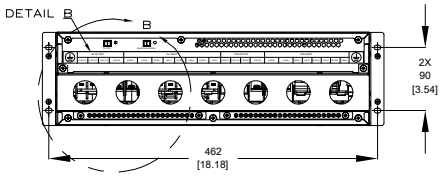
VIEW ROTATED 180°

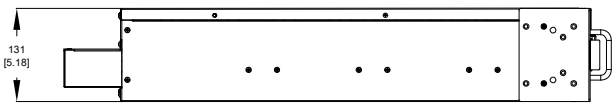


DETAIL A
SCALE 1:3



DETAIL B
SCALE 1:2





SPECIFICATION:

1. STANDARD:

PDU TOPOLOGY:	MAKE BEFORE BREAK(OMS)
KVA:	20(10-15KVA/KW COMPATIBLE)
BATTERY TYPE:	N/A
FULL-LOAD RUN TIME (MIN):	N/A
INPUT CONNECTION:	HARDWIRE CONNECTION
INPUT VOLTAGE RANGE:	138VAC TO 485VAC
INPUT PHASE:	3PH (L1+L2+L3+N+G)
OUTPUT PHASE:	3PH&1PH(3)(L1+L2+L3+N+G & L+N+G)
NOMINAL OUTPUT VOLTAGE:	380/400/415 VAC (3PH) 220/230/240 VAC (1PH)
OUTLET TYPE AND QTY:	HARDWIRE CONNECTION
DISPLAY TYPE:	N/A
PARALLEL PORT SUPPORT:	N/A
INPUT BREAKER TYPE:	50A TOGGLE(3)(MAINS,BYPASS,MAINTENANCE)
FULL-LOAD RUN TIME (MIN):	N/A
OUTPUT BREAKER TYPE:	50A TOGGLE

2. ADDITIONAL:
   NONE
3. ACCESSORY COMPONENTS:
   SAFTY WARNING SHEET,QTY:(1)
   SELECTION GUIDE(POCKET GUIDE),QTY:(1)
   INCLUDES P/N:URMKIT2 INSTALLATION RAIL KIT,QTY:(1)
   REFER TO ASSOCIATED DRAWINGS FOR PHISICAL DIMENSIONS AND SPECIFICATIONS
   OUTPUT BREAKER SIGNAL DETECTION CABLE 0.64M,QTY:(1)
   MBS DETECTION CABLE 0.64M,QTY:(1)
   CABLE GLAND, QTY:(7)
   INTPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR BYPASS CONNECTION UPS),QTY:(1)
   INTPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR MAINS CONNECTION UPS),QTY:(2)
   INTPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR BYPASS CONNECTION UPS),QTY:(1)
   OUTPUT COPPER BAR(FOR 1PH OUTPUT CONNECTION UPS),QTY:(1)
   INTPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR BYPASS CONNECTION PDU),QTY:(1)
   INTPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR BYPASS CONNECTION PDU),QTY:(1)
   INTPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR MAINS PHASEA CONNECTION),QTY:(1)
   INTPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR MAINS PHASEB CONNECTION),QTY:(1)
   OUTPUT COPPER BAR(FOR 1PH OUTPUT CONNECTION PDU),QTY:(1)
   RING TERMINALS INCLUDED(Ø10/16/25/35),QTY:(10/18/6/10)
   HEATSHRINK INCLUDED(Ø8*30MM/Ø12*35MM),QTY:(28/16)

NOTES:
1. PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN INCHES
2. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
3. VISIT OUR ON-LINE CATALOG AT WWW.PANDUIT.COM FOR A CURRENT LIST OF PRODUCTS APPLICABLE FOR USE WITH THIS PRODUCT.
4. ALL PURCHASED ITEMS CONFORM TO C2-0834 PANDUIT SPECIFICATION FOR CHEMICAL SUBSTANCES TO BE CONTROLLED IN PRODUCT AND PACKAGING

IDENTIFICATION:

PART NUMBER	DESCRIPTION	SHIPPING WEIGHT (KG)
UMB20K	MAINTENANCE BYPASS SWITCH FOR 3 PHASE UPS – MAINTENANCE BYPASS SWITCH ENSURES PROPER BYPASS OPERATION DURING ROUTINE SERVICE	31

REV	DATE	BY	CHK	APR	DESCRIPTION	
01A	9/15/2022	HL	ZRZ	GLM/DJB	UPDATED DESCRIPTION	UMB20K
00A	12/31	HL	ZRZ	GLM/DJB	RELEASE TO PRODUCTION	UMB20K

WE ASK THAT YOU CHECK FULLY THE DIMENSIONS, NOTES, AND SIGN THE CLIENT SIGNATURE BOX.
THE JOB WILL NOT PROGRESS WITHOUT SIGNED DRAWING. ANY DELAY IN DELIVERY IN RESPONSE PROOF AS IT WILL AFFECT DELIVERY.

SIGN:
DATE:
PRINT:

TITLE: SMARTZONE PDU UMB20K
CONTROL DRAWING

PRE PRODUCTION: UMB20K/01A
PRODUCTION DRAWING: UMB20K-DC/01A

UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: MM [IN]

MATERIAL: N/A

THIRD ANGLE PROJECTION

DRAWING NUMBER: UMB20K-DC

DRAWN BY DATE: 12/31/2021 | DR: MJD | SCALE: VARIOUS | SHT 1 OF 2 | REV: D

D1D0000/1/R

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PANDUIT
18900 PANDUIT DRIVE, 60487, USA
WWW.PANDUIT.COM

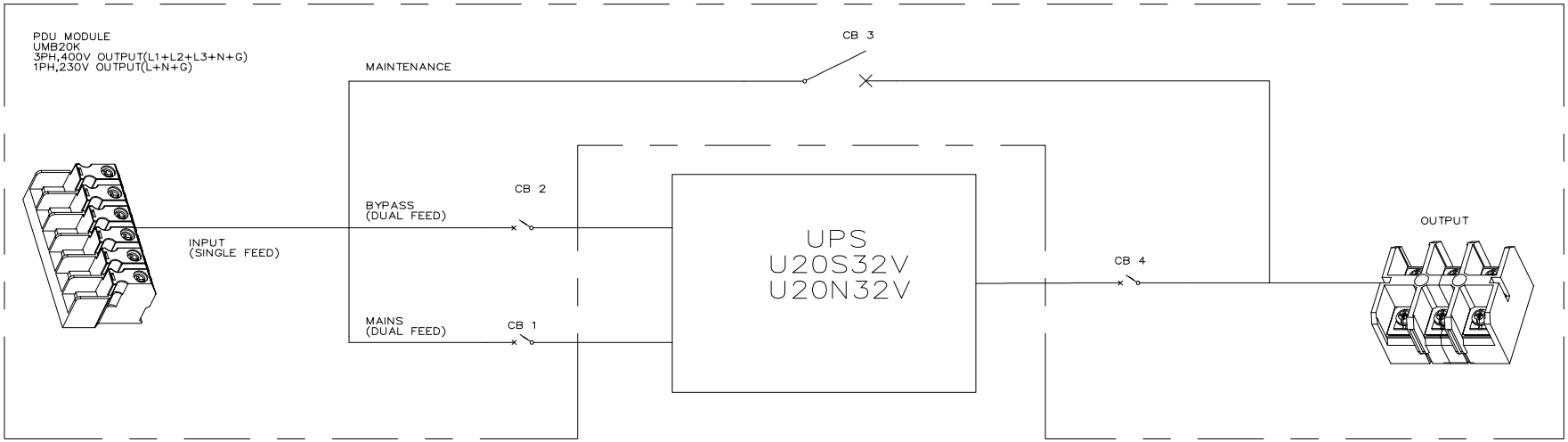
UNINTERRUPTIBLE POWER SYSTEMS
MODEL NUMBER: 3C3N0N
INPUT(MAINS&3:3): 380/400/415VAC I 50/60Hz I 74.2A MAX. I 3PH+N+PE
INPUT(MAINS&3:1): 380/400/415VAC I 50/60Hz I 124.5A MAX. I 3PH+N+PE
INPUT(BYPASS&3:3): 380/400/415VAC I 50/60Hz I 72.2A MAX. I 3PH+N+PE
INPUT(BYPASS&3:1): 220/230/240VAC I 50/60Hz I 124.5A MAX. I 1PH+N+PE

OUTPUT: 380/400/415VAC I 50/60Hz I 52.5A MAX. I 3PH+N+PE
OUTPUT: 220/230/240VAC I 50/60Hz I 91.0A MAX. I 1PH+N+PE
CAPACITY: 20 kVA- 20 kW
Icc: 6 kA Protective Class:I

PROHIBIDO SU USO EN EXTERIORES

MADE IN CHINA
HECHO CHINA

P/N: UMB20K
UPC# 6 13056 82546 8



LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CIRCUIT BREAKER		AC-DC CONVERTER
	RELAY		DC-AC CONVERTER (INVERTER)
	CB (CIRCUIT BREAKER)		BATTERY
	DC-DC CONVERTER		CONNECTOR TERMINAL
	INPUT CONNECTION TERMINAL		

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
01A	8/15/2022	HL	ZRZ	GLM/DJB	UPDATED DESCRIPTION	UMB20K
00A	12/31	HL	ZRZ	GLM/DJB	RELEASE TO PRODUCTION	UMB20K

WE ASK THAT YOU CHECK FULLY THE DRAWING(S), NOTES, AND SIGN THE CLIENT SIGNOFF BELOW.
THE JOB WILL NOT PROGRESS WITHOUT SIGNED APPROVAL. PLEASE DO NOT DELAY RETURN OF SIGNED PROOF AS IT WILL AFFECT DELIVERY.

SIGN
DATE
PRINT

TITLE: SMARTZONE PDU UMB20K
CUSTOMER DRAWING

ITEM NUMBER NAME: UMB20K/01A
REPORT NAME: UMB20K-DC/01A

PANDUIT

UNLESS OTHERWISE SPECIFIED: DIMENSIONAL TOLERANCES ARE: MM [IN]
THIRD ANGLE PROJECTION

MATERIAL: N/A

DRAWING NUMBER: UMB20K-DC

DRAWN BY	DATE	APR	SCALE	SHT 1 OF 2	SIZE
	12/31/2021	MJD	VARIOUS		D

2010CSDD/18