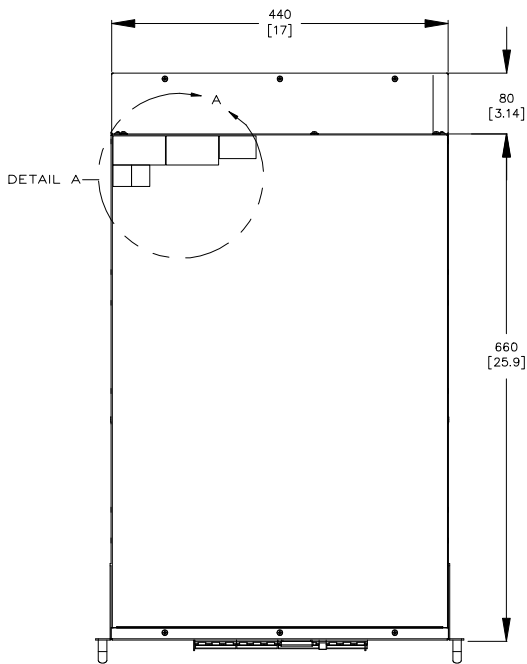
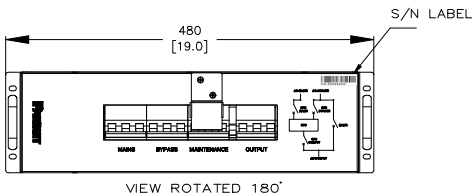
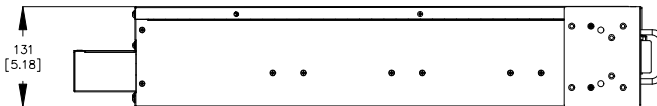


| AC OUTPUT |       |      |       | AC INPUT |       |      |       | UPS OUTPUT |       |      |       | UPS INPUT |       |      |       |
|-----------|-------|------|-------|----------|-------|------|-------|------------|-------|------|-------|-----------|-------|------|-------|
| PHASE     | VOLTS | AMPS | WATTS | PHASE    | VOLTS | AMPS | WATTS | PHASE      | VOLTS | AMPS | WATTS | PHASE     | VOLTS | AMPS | WATTS |

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:

SAFETY WARNING SHEET,QTY:(1)  
DOCUMENTATION KIT, QTY(1) - TO BE PLACED ON TOP OF ALL PACKAGING MATERIAL  
INCLUDES P/N:URMKIT2 INSTALLATION RAIL KIT, QTY:(1)  
REFER TO ASSOCIATED DRAWINGS FOR PHYSICAL DIMENSIONS AND SPECIFICATIONS  
OUTPUT BREAKER SIGNAL DETECTION CABLE 0.64M, QTY:(1)  
MBS DETECTION CABLE 0.64M, QTY:(1)  
CABLE GLAND, QTY:(7)  
INPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR BYPASS CONNECTION UPS),QTY:(1)  
INPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR MAINS CONNECTION UPS),QTY:(2)  
INPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR BYPASS CONNECTION UPS),QTY:(1)  
OUTPUT COPPER BAR(FOR 1PH OUTPUT CONNECTION UPS),QTY:(1)  
INPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR BYPASS CONNECTION PDU),QTY:(1)  
INPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR BYPASS CONNECTION PDU),QTY:(1)  
INPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR MAINS PHASEA CONNECTION),QTY:(1)  
INPUT 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:

- PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN INCHES
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
- VISIT OUR ON-LINE CATALOG AT [WWW.PANDUIT.COM](http://WWW.PANDUIT.COM) FOR A CURRENT LIST OF PRODUCTS APPLICABLE FOR USE WITH THIS PRODUCT.
- 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                   |

| PDU                                                                                                                                         |      |    |     | PANDUIT          |             |         |            |
|---------------------------------------------------------------------------------------------------------------------------------------------|------|----|-----|------------------|-------------|---------|------------|
| UMB20K                                                                                                                                      |      |    |     | CUSTOMER DRAWING |             |         |            |
| Q04 6/23/2026 HL WZH CANN/ MRWA F:ADD DOWNLOADS & REGISTRATION QR CODES G:ADD OP DIAGRAM AND LOGO                                           |      |    |     | UMB20K-DC/03A    |             |         |            |
| Q02 6/02/2024 HL WZH GLM/CANN B:REMOVED 'SMARTZONE' FROM DRAWING C:GENERALIZED COUNTRY OF ORIGIN D:ADDED RCM LOGO E:ADDED DOCUMENTATION KIT |      |    |     | UMB20K           |             |         |            |
| Q01 6/15/2022 HL ZRZ GLM/DJB A:UPDATED DESCRIPTION                                                                                          |      |    |     | UMB20K           |             |         |            |
| Q00 12/31/ HL ZRZ GLM/DJB RELEASE TO PRODUCTION                                                                                             |      |    |     | UMB20K           |             |         |            |
| REV                                                                                                                                         | DATE | BY | CHK | APR              | DESCRIPTION | ECN     |            |
|                                                                                                                                             |      |    |     | 12/31/2021       | MJD         | VARIOUS | SHT 1 OF 2 |

**PANDUIT**  
18900 PANDUIT DRIVE, 60457, USA  
WWW.PANDUIT.COM



P/N: UMB20K



UPC# 613056629468

**UNINTERRUPTIBLE POWER SYSTEMS**

MODEL NUMBER: 3C3N0N

INPUT(MAINS3:3): 380/400/415VAC | 50/60Hz | 44.0A MAX. | 3PH+N+PE

INPUT(MAINS3:1): 380/400/415VAC | 50/60Hz | 104.8A MAX. | 3PH+N+PE

INPUT(BYPASS3:3): 380/400/415VAC | 50/60Hz | 43.0A MAX. | 3PH+N+PE

INPUT(BYPASS3:1): 220/230/240VAC | 50/60Hz | 104.8A MAX. | 1PH+N+PE

OUTPUT: 380/400/415VAC | 50/60Hz | 30.3A MAX. | 3PH+N+PE

OUTPUT: 220/230/240VAC | 50/60Hz | 91.0A MAX. | 1PH+N+PE

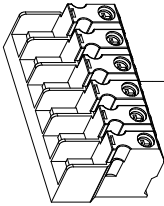
CAPACITY: 20 kVA- 20 kW

Icc: 6 kA Protective Class: I

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PROHIBIDO SU USO EN EXTERIORES

PDU MODULE  
UMB20K  
3PH, 400V OUTPUT(L1+L2+L3+N+G)  
1PH, 230V OUTPUT(L+N+G)



INPUT  
(SINGLE FEED)

MAINTENANCE

CB 3

BYPASS  
(DUAL FEED)

CB 2

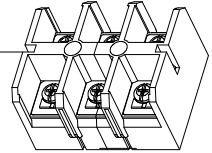
MAINS  
(DUAL FEED)

CB 1

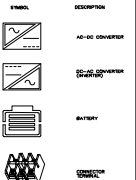
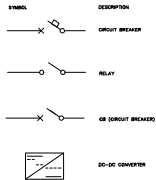
UPS  
U20S32V  
U20N32V

CB 4

OUTPUT



**LEGEND**



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|  |  |  |  |  |  | PDU<br>UMB20K                                                                                                   |  |  |  |  |  |
|  |  |  |  |  |  | CUSTOMER DRAWING                                                                                                |  |  |  |  |  |
|  |  |  |  |  |  | UMB20K/03                                                                                                       |  |  |  |  |  |
|  |  |  |  |  |  | UMB20K-DC/03A                                                                                                   |  |  |  |  |  |
|  |  |  |  |  |  |                            |  |  |  |  |  |
|  |  |  |  |  |  | N/A                                                                                                             |  |  |  |  |  |
|  |  |  |  |  |  | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONAL TOLERANCES ARE: MM [M]                                                |  |  |  |  |  |
|  |  |  |  |  |  |  THIRD ANGLE<br>PROJECTION |  |  |  |  |  |
|  |  |  |  |  |  | UMB20K-DC                                                                                                       |  |  |  |  |  |
|  |  |  |  |  |  | SHT 2 OF 2                                                                                                      |  |  |  |  |  |
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