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REV	ECO	DESCRIPTION	DRAFT	DATE	APPROVED
01	2997	REVISE WIDTH	SCP	29 MAR 21	CAP

PRODUCT DESCRIPTION: MULTI-PHASE PRIMARY SURGE PROTECTOR FOR AC POWER DISTRIBUTION SYSTEMS
PARALLEL MAINS PANEL HOOK-UP
INSIDE/OUTDOOR INSTALLATION

ELECTRICAL SPECIFICATIONS

SERVICE VOLTAGE: 120/208VAC
 MAXIMUM CONTINUOUS CURRENT: N/A (PARALLEL CONNECTION)
 MINIMUM SERVICE CURRENT TO ENABLE FAILSAFE PROTECTOR FUSING: 70A
 SERVICE TYPE: 3-PHASE WYE CONFIGURATION L1/L2/L3/N + GND
 CONNECTION TYPE: SCREW COMPRESSION TERMINAL
 WIRE GAUGE RANGE: 8AWG/4AWG
 INTERNAL TERMINAL STRIP DESIGNATIONS: L1-L2-L3-N + GND
 (GND PROVISION TIED TO CHASSIS)

SURGE PROTECTION PERFORMANCE:

SURGE PROTECTION TECHNOLOGY: MOV
 PROTECTION MODE: EACH LINE REFERENCED TO NEUTRAL
 NEUTRAL REFERENCED TO GND
 TURN-ON: 205Vpk ± 10% EACH LINE/ ALL MODES
 COMPONENT RESPONSE TIME: <1us
 SURGE CURRENT MAX EACH LINE: IEC 61000-4-5 8us/20us WAVEFORM
 80ka (1X)
 30ka (15X)
 240ka TOTAL COMBINED SURGE CAPACITY (1X)
 THROUGHPUT RESULTS MAX EACH LINE: @ 3kA 8us/20us SURGE:
 380Vpk

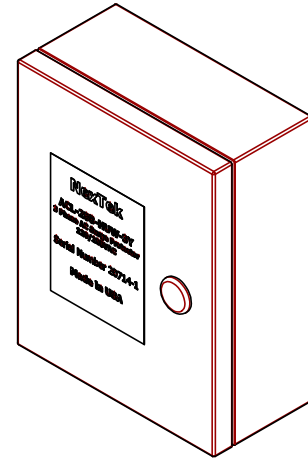
EXPOSED MATERIALS:

ENCLOSURE/LID: 304 STAINLESS STEEL
 FASTENERS: STAINLESS STEEL

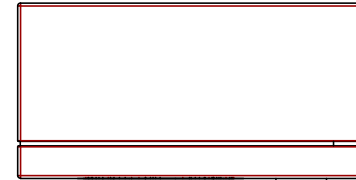
ENVIRONMENTAL SPECIFICATIONS:

TEMPERATURE RANGE OPERATING/STORAGE: -40°C to +65°C/+125°C
 IEC 60529 IP65/IP66 ENCLOSURE
 BELLCORE #TA-NWT-000487 PROCEDURE 4.11
 RoHS COMPLIANT

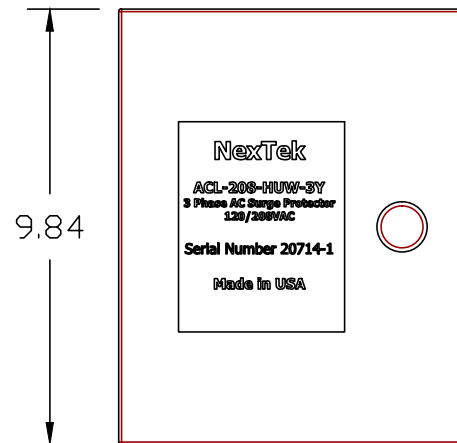
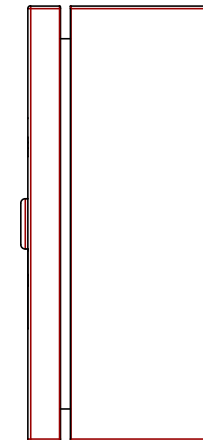
NEXTEK
 ACL-208-HUW-3Y



7.87



4.2



MATERIALS/FINISHES:

DRAWN: S.PERKINS	DATE: 12/10/19	DO NOT SCALE	DEFAULT TOLERANCES .XX=±0.03 .XXX=±0.01 X.X=±0.3 X'=±2'	TITLE ACL-208-HUW-3Y
RELEASED: C.PENWELL	DATE: 2/18/21	MACH. SURFACES ✓ ● 0.07TIR DEBURR AND BREAK ALL SHARP EDGES	ACAD 2015 FILE: 785-0243 R01	SIZE DRAWING NO. A 785-0243
THIRD ANGLE PROJECTION		DIMENSIONS IN INCHES [MM]		REV 01
		SCALE: 2=1	WT ~	SHEET 1 OF 1

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