

# Technical Specifications

## Model Number

LBS-7240L-0390	(24)C13 IEC320 OUTLET	END ENTRY
LBS-7240L-0391		FRONT FACE ENTRY
LBS-7244L-0390	(20) C13+(4)C19IEC320 OUTLET	END ENTRY
LBS-7244L-0391		FRONT FACE ENTRY

## FEATURES

Energy Metering	Voltage(V), Current(A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Metering per Output Receptacle	Yes
Metering Accuracy	ISO/IEC 62053-211%
Remote Outlet Switching	Yes
Environmental Sensor Ready	Yes
Compatible Sensors	Temperature, Humidity
Onboard Display (Optional)	Removable Display Auto-flip orientation, Color matrix LCD display
Networking	(10/100M Base-T) Ethernet port with secondary, redundant (10/100M Base-T) Ethernet port.
Remote Management	HTTPS); SSH CommandLine Interface; RS-232(Serial); SNMP version v1/v2c/v3; SMTP; IPv6/IPv4; Modbus-TCP, Modbus-RTU protocol; JSON-RPC(HTTP); REDFISH API; Syslog; LDAP/LDAPs; Support POWER IQ
Cascading	Up to 16 PDUs can be daisy chained using a single Ethernet connection
Embedded Processor Core	ARM® 32-bit Cortex™-A7CPU, 528 MHz

## Monitoring & Measurement Accuracy

Power Input	Current (A): ±1% at 0.01 amp resolution [above 0.1 amp] Voltage(V): ±1% at 0.1 volt resolution [nominal ±10%] Active Power (kW): ±1% at 1 watt resolution Apparent Power (kVA): ±1% at 1 volt-amp resolution
Power Output	Power Factor: ±1% at 0.01 resolution Energy (kWh): ±1% at 1 watt-hour resolution Accuracy Standard: ISO/IEC 62053-21
Branch Current	Current (A): ±1% at 0.01 amp resolution [above 0.1 amp]

## Input

Region	For North America	Max rating
Nominal Voltage	208~	208~
Frequency	50/60 Hz	50/60 Hz
Operating Voltage	100-240V~	100-240V~
Maximum Input Current	60A	60A
Rated Input Current	48A	N/A
Power Capacity	17.3kVA at 208V 20.0kVA at 240V	21.6kVA at 208V 25.0kVA at 240V
Input Connection	IEC Pin and Sleeve Plug	

## Output

Model No.	G2-7240L-039x	G2-7244L-039x
Receptacles	(24)C13	(20)C13+(4)C19
Nominal Voltage	208V~	
Overload Protection	(6) 2poles-20AmpsUL489Circuit Breaker	

## Cable

Standard	UL1650
Cable Type	TYPE W 6AWG 4C
Rating Voltage	2000V~
Max Current	60A
Insulation Resistance	≥0.76MΩ/ft 15.0C min
Spark Test	10KV/0.15s
Dielectric Strength	AC 4.0KV/1 min No Crack
Tensile Strength	1500lb/in <sup>2</sup> Min
Elongation	150% Min
Deformation Test	150±2°C x 1hr ≤50%
Cold Bend Test	-20°C x 4 hr No Crack
Heat Shock Test	150±2°C x 1hr No Crack
Fire Resistance	Per UL 1650
Vertical flame test Rating per VW-1 Standard	
Finished cables shall not convey flame, continue to burn for more than 60 seconds after five 15 second applications of a standard test flame.	
Compliance shall be determined in accordance with the test VW-1 in UL 2556	
Flame Resistance	Tested Per UL 2556

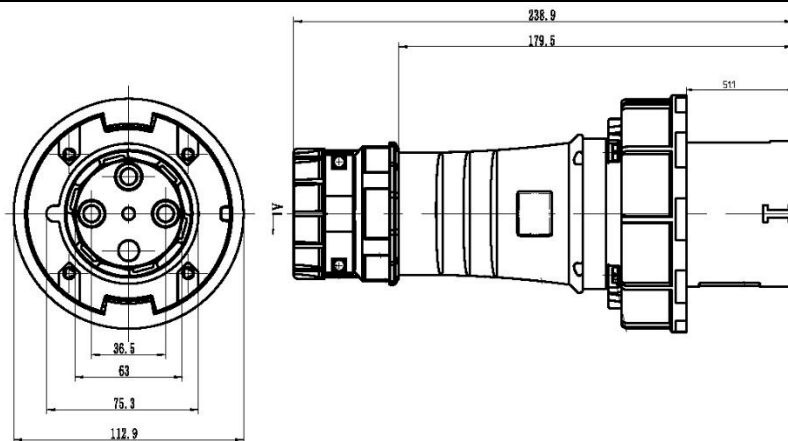
## PLUG type

Standard	IEC 60309
Operating Voltage	200-250V~
Rated Current	63A
Poles	3P+E
Earth Contact Position	9h
Protection Class	IP67
Insulation Resistance	>5MΩ500VDC 1min
Dielectric Strength	AC 2.5KV 1min No Crack
Material	PA6 UL94-V0
Operating Temperature	-20~80°C

Approval

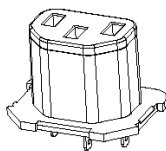


View  
(Unit : mm)



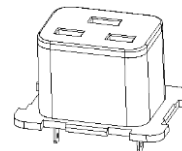
## Receptacle type

C13



UL 15A/250V~

C19



UL 20A/250V~

## Hardware


Dimensions (WxDxH)	2.20"(56mm) x 3.15"(80mm) x 70.08"(1780mm)
Body Color	Black powder coat (Blue or Red available on request)
Unit Weight	11.7 kg

Shipping Weight	TBD
Mounting	Adjustable rack mounting

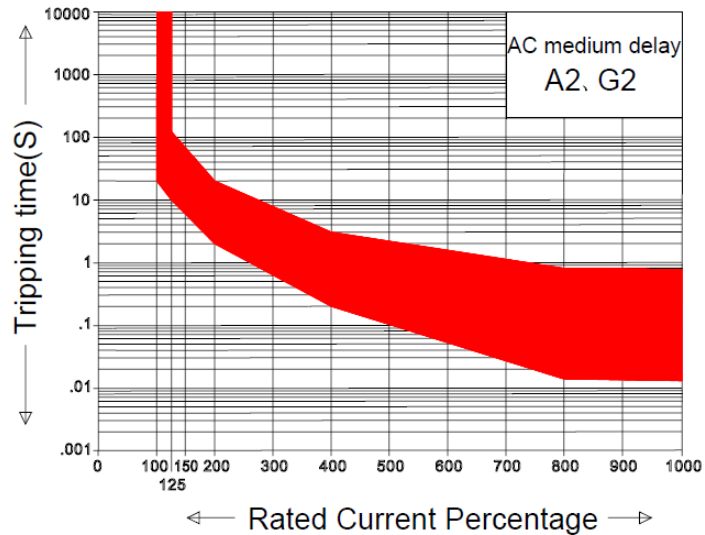
## Environmental

Operating Temperature	0-60C
Operating Relative Humidity	15-85%
Operating Elevation	0-3000m

## Conformance

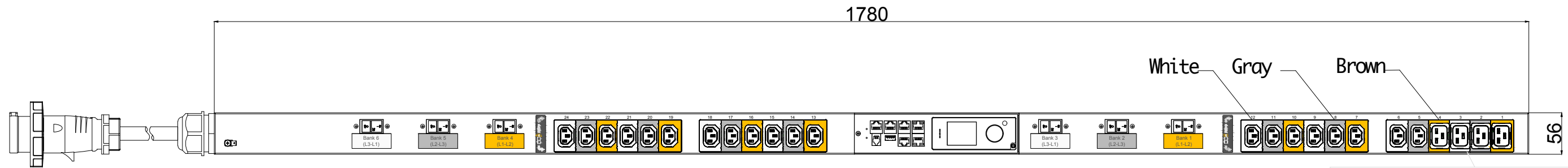
Region	For North America
Regulatory Approvals	UL62368 certified by cTUVus 
Warranty	3 years manufacturer warranty

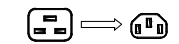
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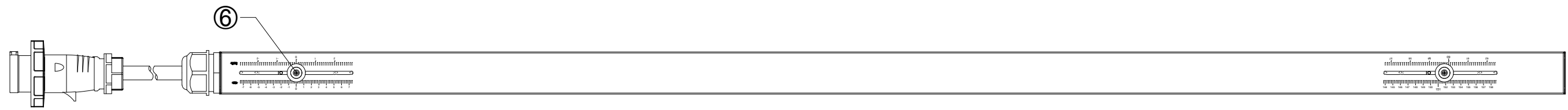
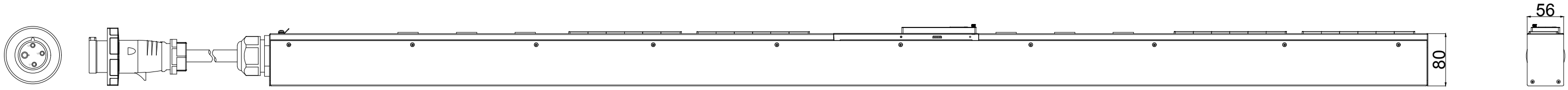


## MECHANICAL DIAGRAM AND ELECTRICAL DIAGRAM

ZONE		REV		REVISION HISTORY		DATE	APPROVED
			1.0		Initial Design	2022-05-24	Vinter

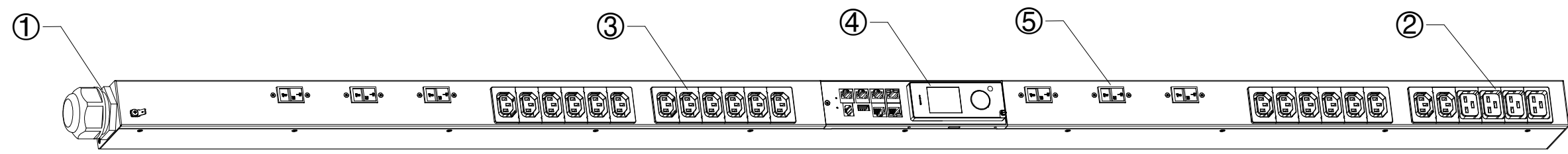


\* Each C19 can be changed to C13 as requested  


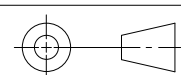



**G2-724xL-0390**

Outlet Code:  
0=24\*C13  
4=20\*C13+4\*C19



ITEM	DESCRIPTION	REMARK	QTY
⑥	Adjustable mounting button		2
⑤	2P Circuit breaker 20A		6
④	Removeable LCD module	Optional	1
③	C19 or C13 P-LOCKoutlet		4
②	C13 P-LOCKoutlet		20
①	IEC60309 3P+E 9h 60A IP67 ,2M BLACK		1

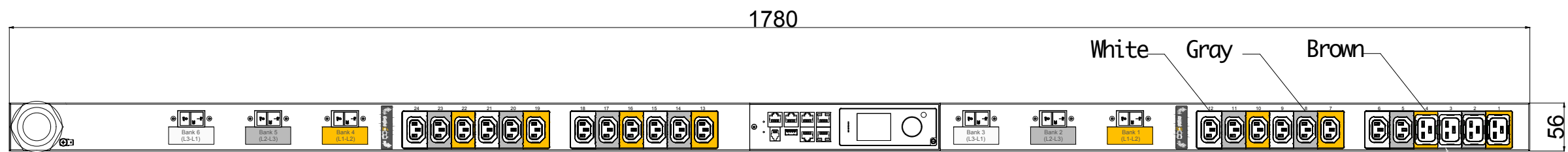
	Unit	mm
THIRD ANGLE PROJECTION	Des'd By:	
	Drawn By:	LJH
	Review By:	Alan M



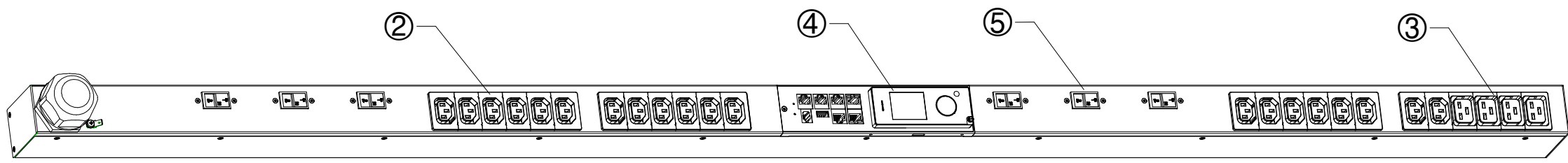
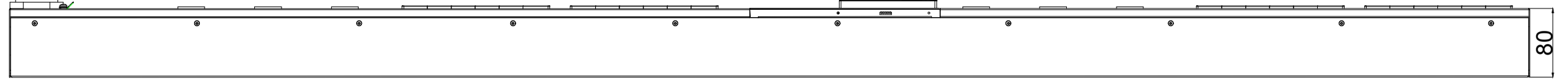
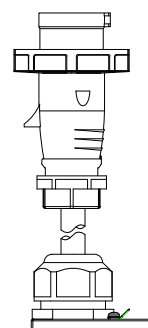
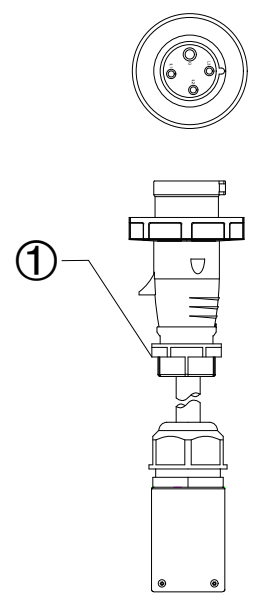
**Product Name**  
3P DELTA 48A/208V Switched-POM ,24port outlets  
IEC309 60A 3P+E 9h Cable 2M  
End Entry,Power capacity: 17.3-20.0kVA,Black

ITEM NO.	<b>G2-724xL-0390</b>	REV	1.0
DWG NO.	G2-724xL-0390	SHEET	1 OF 1

ZONE		REVISION HISTORY		DATE	APPROVED
	1.0	Initial Design		2022-05-24	Vinter



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**G2-724xL-0391**  
 Outlet Code:  
 0=24\*C13  
 4=20\*C13+4\*C19

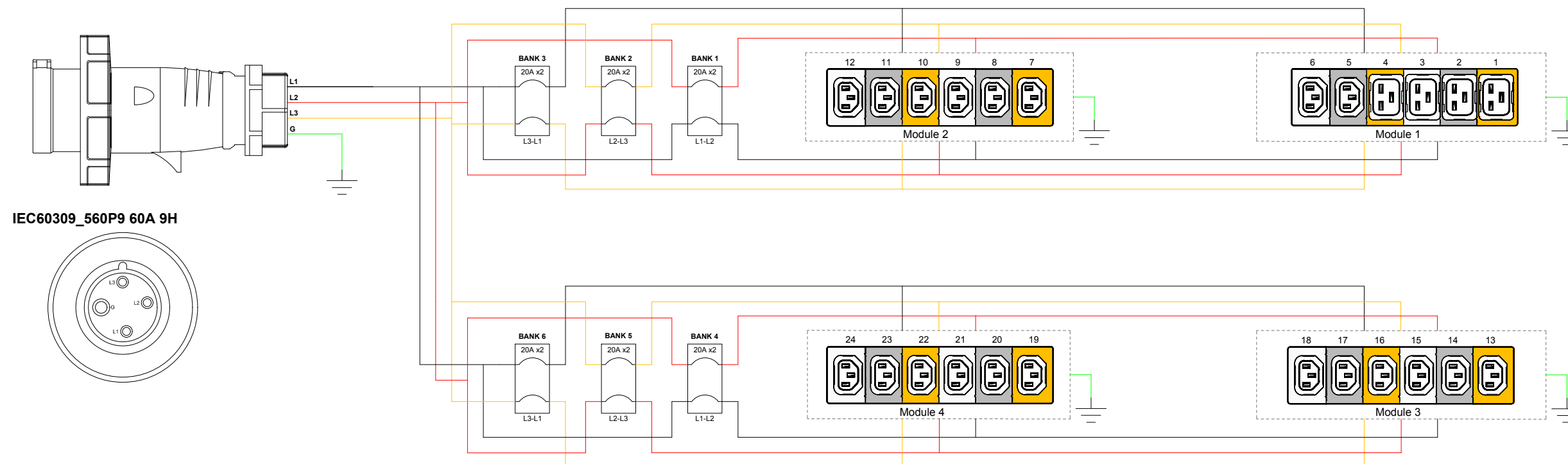
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①	IEC60309 3P+E 9h 60A IP67, 2M BLACK		1

	Unit	mm
THIRD ANGLE PROJECTION	Des'd By:	
	Drawn By:	LJH
	Review By:	Alan M

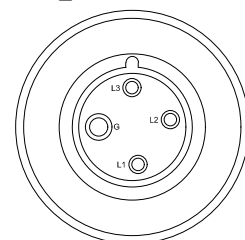
**Product Name**  
 3P DELTA 48A/208V Switched-POM, 24port Outlet  
 IEC309 60A 3P+E 9h SOOW 4AWG/4C 2M  
 Front face entry, Power capacity: 17.3-20.0kVA, Black

ITEM NO.	<b>G2-724xL-0391</b>	REV	1.0
DWG NO.	G2-724xL-0391	SHEET	1 OF 1

# G2-7244L-039x



IEC60309\_560P9 60A 9H



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