

Panel Kit

✉ team@panelkitpro.com

☎ (330) 234-9225

Client: Acme Automation

Title: Sample Panel

Drawing No: PK-XXXXXX

Revision No: 1

Date: 04/08/2026

Overview

Enclosure size class: 24"L x 24"W
Mounting plate: Schneider Electric NSYMM66
Compatible enclosures: [View on DigiKey](#)

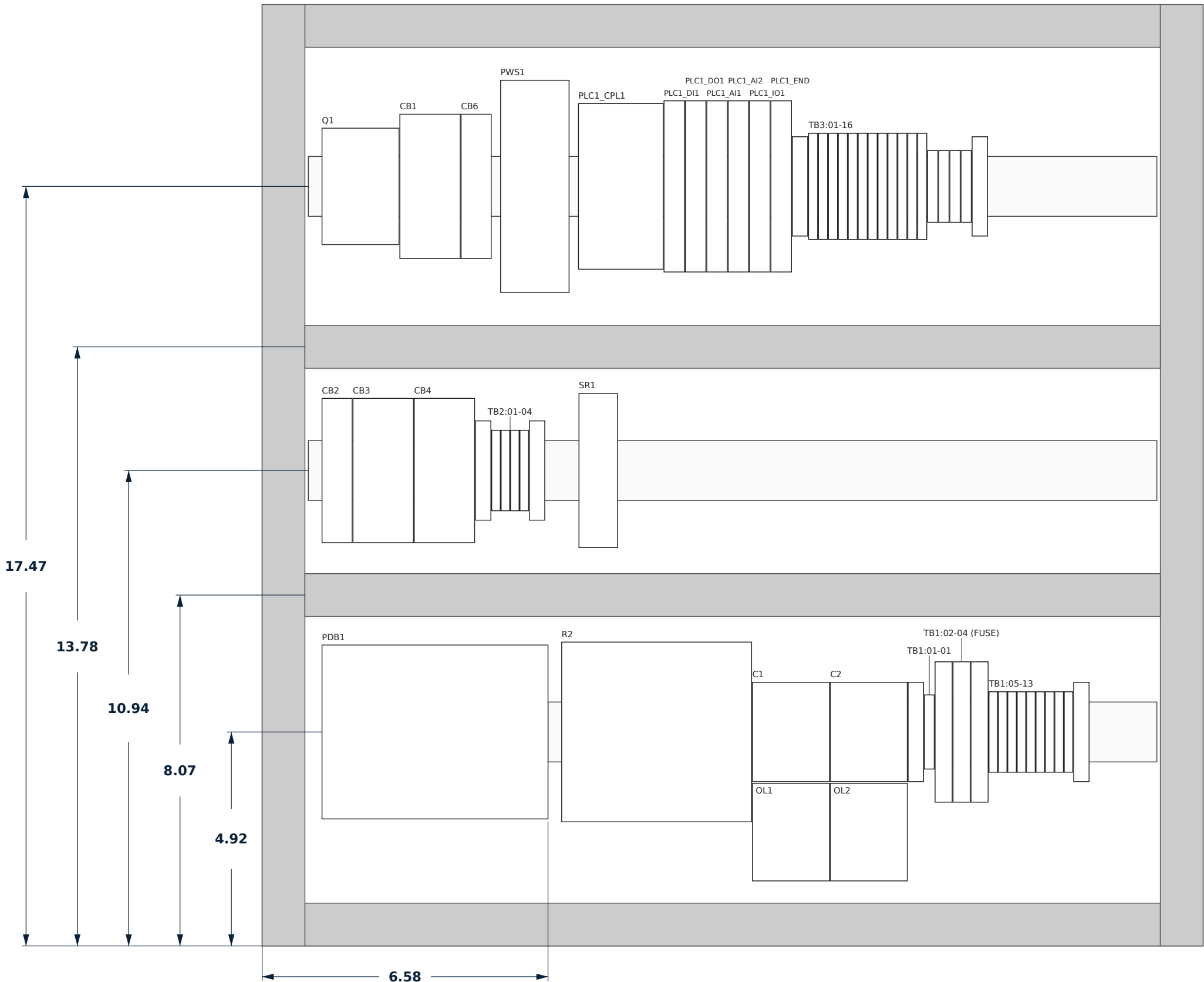
Notes:

Added the WAGO 750-600 end module to complete the PLC.

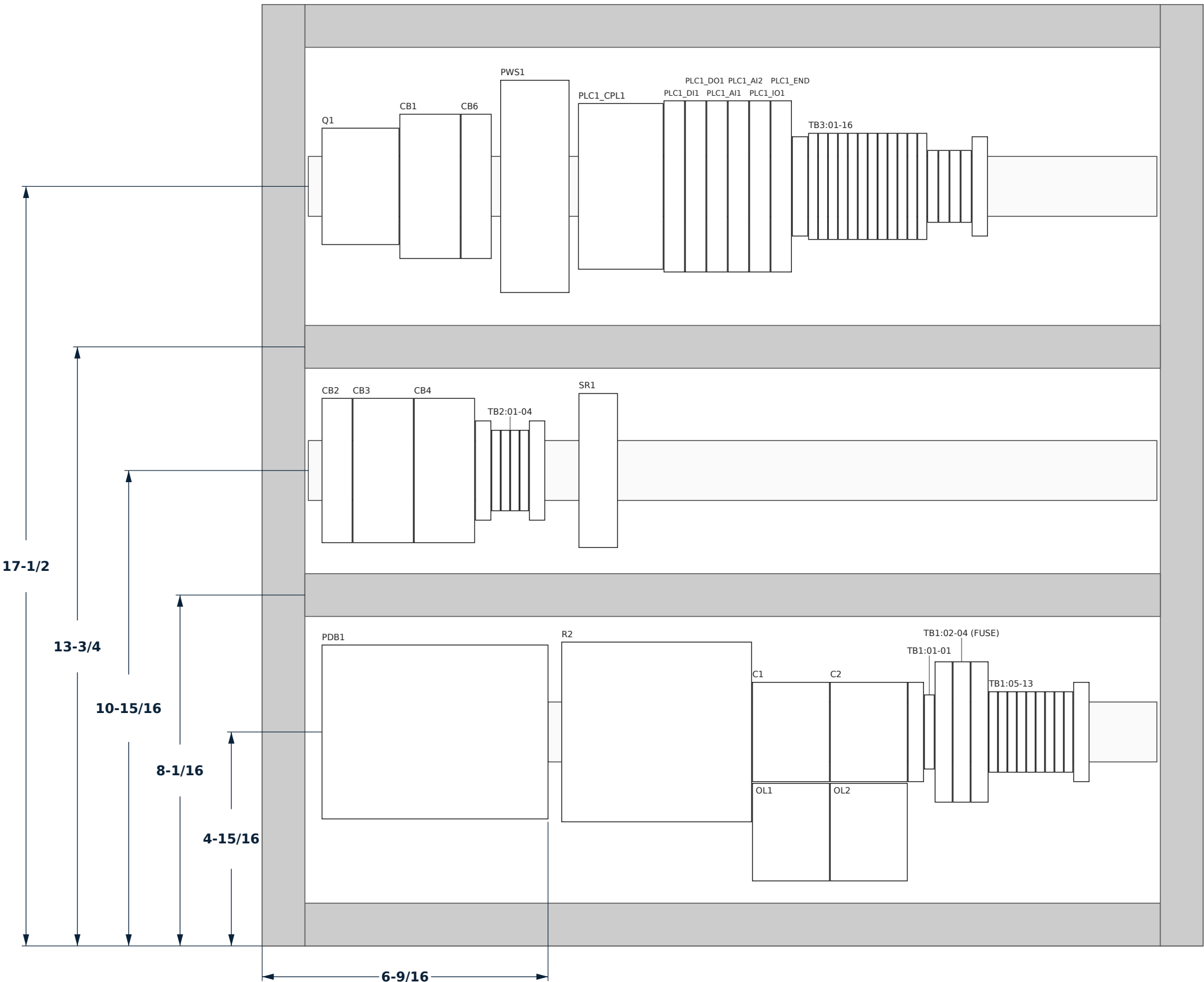
The power distribution block is plate mounted. The remaining components are DIN rail mounted.

Warnings:

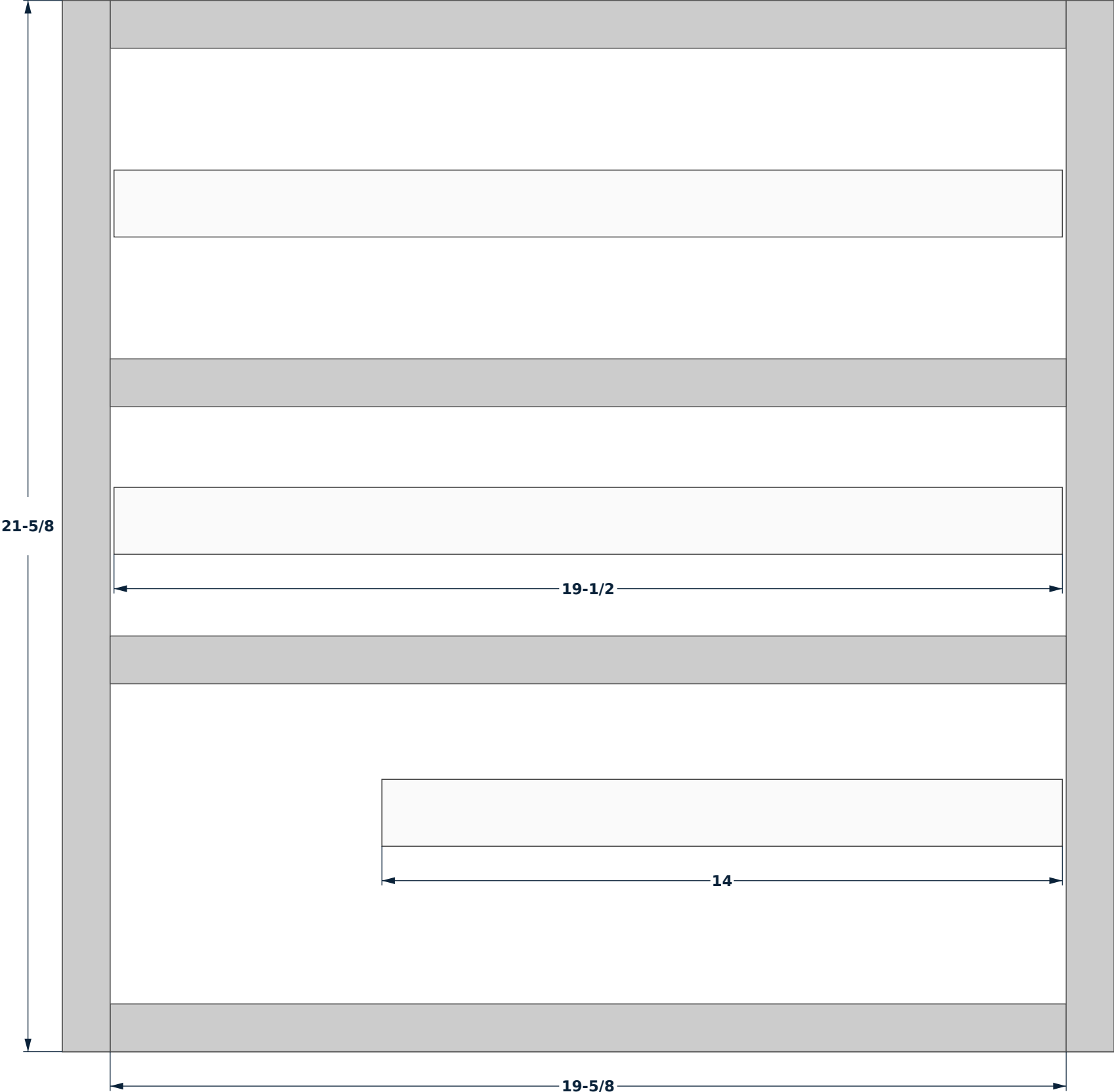
Top edge wire duct breaches the power supply's manufacturer recommended top clearance (40mm).




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Date: 04/08/2026	Plate: Schneider Electric NSYMM66 21.7x21.7in			Dimensions in inches	<div></div> 2 inches



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Cut List for DIN Rail and Wire Duct

Id	Length (in)	Length (in)	Manufacturer	MPN
Duct Bottom Edge	19.65	19 5/8"	IBOCO	T1E-1022G
Duct Above Terminals	19.65	19 5/8"	IBOCO	T1E-1022G
Duct Above Power	19.65	19 5/8"	IBOCO	T1E-1022G
Duct Top Edge	19.65	19 5/8"	IBOCO	T1E-1022G
Duct Left Edge	21.65	21 5/8"	IBOCO	T1E-1022G
Duct Right Edge	21.65	21 5/8"	IBOCO	T1E-1022G
Rail R1 Terminals	14.00	14"		TS35-7.5
Rail R2 Power	19.50	19 1/2"		TS35-7.5
Rail R3 Control	19.50	19 1/2"		TS35-7.5

Measurements rounded down to the nearest 1/16th inch.

Layout Component List

Reference	Manufacturer	MPN	Technical Specifications
C1/C2	WEG	CWC012-01-30L03	Link
CB1	Phoenix Contact	1020073	Link
CB2	Phoenix Contact	1019977	Link
CB3/CB4	Phoenix Contact	1019998	Link
CB6	Phoenix Contact	1019973	Link
FU1/FU2/FU3	AutomationDirect	DN-F6L110	Link
OL1/OL2	WEG	RW17-1D3-U004	Link
PDB1	Edison	HPB106-3	Link
PLC1_AI1	WAGO	750-468	Link
PLC1_AI2	WAGO	750-469/000-006	Link
PLC1_CPL1	WAGO	750-362	Link
PLC1_DI1	WAGO	750-430	Link
PLC1_DO1	WAGO	750-1500	Link
PLC1_END	WAGO	750-600	Link
PLC1_IO1	WAGO	750-602	Link
PWS1	AutomationDirect	PSN24-120	Link
Q1	Socomec	22003000	Link
R2	WAGO	704-5024	Link

Layout Component List

Reference	Manufacturer	MPN	Technical Specifications
SR1	Dold	LG5925-48-900-61	Link
TB1	AutomationDirect	DN-T12RED-A	Link
TB1	AutomationDirect	KN-G12SP	Link
TB1/TB2/TB3	AutomationDirect	DN-EB35	Link
TB2	AutomationDirect	DN-T12B-A	Link
TB3	AutomationDirect	DN-THERM1MN	Link
TB3	AutomationDirect	DN-TL14S-A	Link