



INNOVATIVE POWER SOLUTIONS

CAMLOCK CONNECTION SWITCH ENGINEERING PACKAGE



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INNOVATIVE POWER SOLUTIONS

SECTION 1

PRODUCT BULLETIN

CAMLOCK CONNECTION SWITCH



INNOVATIVE POWER SOLUTIONS

CAMLOCK CONNECTION SWITCH

POWER DISTRIBUTION

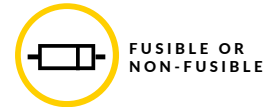
Power Assemblies' line of camlock disconnects offers a cost-effective solution for quickly and safely connecting cables along with switching capabilities with or without overcurrent protection. These units are wall mountable from 100A-1200A and pad-mounted from 1200A-3000A. They come in single or double throw configurations and are available in NEMA3R as a standard. Options include fusible or non-fusible switches, switched or non-switched neutrals, and source or load camlocks.

APPLICATIONS

- Temporary Power
- Portable Power
- Generator Connections

BENEFITS

- Quick Connections
- UL Listed Safety Switches
- Wide Configuration Range
- Outdoor Rated



CAMLOCK CONNECTION SWITCH - PART NUMBER SCHEMA

CCS PRODUCT PREFIX	XX AMPERAGE	X THROW	X FUSE	X NEUTRAL	X CAM WIRING	X VOLTAGE CODE
01	100A	S Single-Throw	F Fusible	X None	S Source	1 120V (BLK/WHT/GRN)
02	200A	D Double-Throw	N Non-Fusible	S Switched	L Load	2 120/240V (BLK/RED/WHT/GRN)
04	400A			N Non-Switched (Solid)		3 208V (BLK/RED/BLU/GRN)
08	800A					3 208V (BLK/RED/BLU/GRN)
10	1000A					4 120/208V (BLK/RED/BLU/WHT/GRN)
12	1200A					5 480V (BRN/ORG/YEL/GRN)
16	1600A					6 277/480V (BRN/ORG/YEL/WHT/GRN)
20	2000A					7 600V (RED/BLK/BLU/GRN)
25	2500A					8 347/600V (RED/BLK/BLUE/WHT/GRN)
30	3000A					

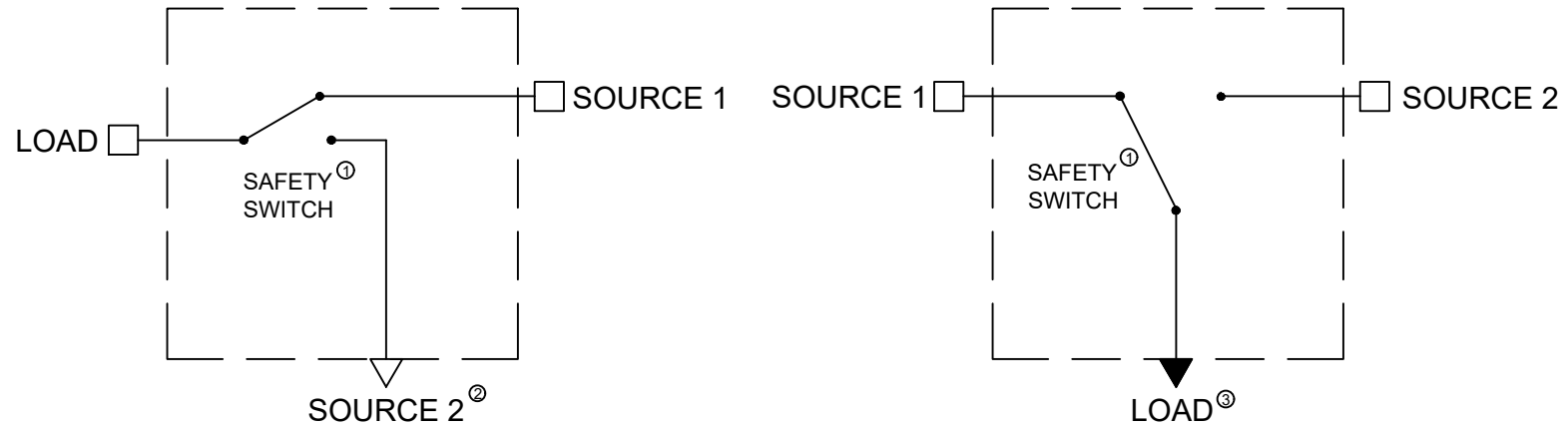
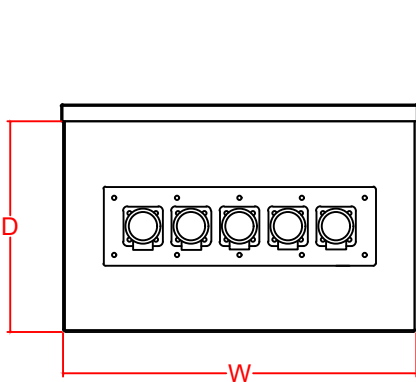
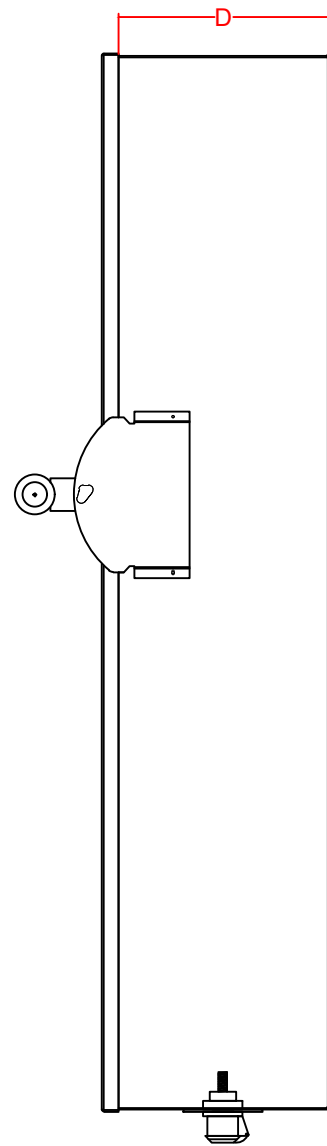
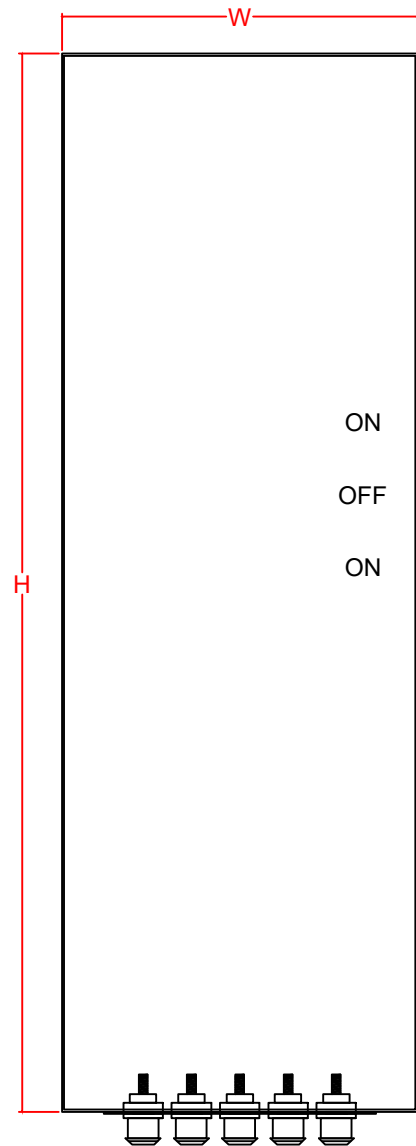
SECTION 2

FACTORY DRAWINGS

CAMLOCK CONNECTION SWITCH



INNOVATIVE POWER SOLUTIONS



ONE-LINE KEYNOTES ①②

1. Fusible or Non-Fusible
2. Cams to Source: S16 Male
3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

100A DOUBLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-01DFN_-1	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFS_-1	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFN_-2	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFS_-2	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFX_-3	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFN_-4	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-01DFX_-5	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-01DFN_-6	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-01DFX_-7	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-01DFN_-8	51.40 in.	27.60 in.	8.80 in.

200A DOUBLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-02DFN_-1	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFS_-1	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFN_-2	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFS_-2	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFX_-3	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFN_-4	51.40 in.	11.20 in.	11.20 in.
PWA-CCS-02DFX_-5	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-02DFN_-6	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-02DFX_-7	51.40 in.	27.60 in.	8.80 in.
PWA-CCS-02DFN_-8	51.40 in.	27.60 in.	8.80 in.

400A DOUBLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-04DFN_-1	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFS_-1	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFN_-2	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFS_-2	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFX_-3	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFN_-4	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFX_-5	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFN_-6	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFX_-7	74.80 in.	26.30 in.	8.80 in.
PWA-CCS-04DFN_-8	74.80 in.	26.30 in.	8.80 in.

100A DOUBLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-01DNN_-1	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNS_-1	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNN_-2	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNS_-2	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-01DNX_-3	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-01DNN_-4	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-01DNS_-4	39.00 in.	30.21 in.	10.63 in.
PWA-CCS-01DNX_-5	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNN_-6	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNX_-7	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-01DNN_-8	32.50 in.	20.63 in.	10.63 in.

200A DOUBLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-02DNN_-1	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNS_-1	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNN_-2	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNS_-2	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-02DNX_-3	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-02DNN_-4	32.50 in.	24.13 in.	10.63 in.
PWA-CCS-02DNS_-4	39.00 in.	30.21 in.	10.63 in.
PWA-CCS-02DNX_-5	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNN_-6	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNX_-7	32.50 in.	20.63 in.	10.63 in.
PWA-CCS-02DNN_-8	32.50 in.	20.63 in.	10.63 in.

400A DOUBLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-04DNN_-1	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNS_-1	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNN_-2	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNS_-2	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNX_-3	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNN_-4	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNX_-5	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNN_-6	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNX_-7	54.20 in.	23.00 in.	7.25 in.
PWA-CCS-04DNN_-8	54.20 in.	23.00 in.	7.25 in.

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

REVISION RECORD:

No.	Date	Description	In.

PROFESSIONAL SEAL:



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DRAWING TITLE:

100A-400A Double-Throw

BUILD NAME:

Camlock Connection Switch

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Revision/Version No.

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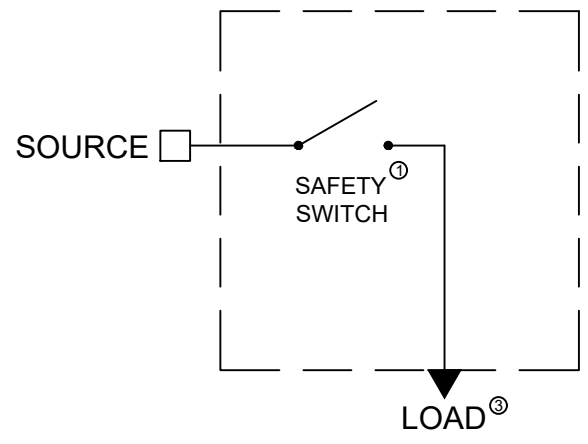
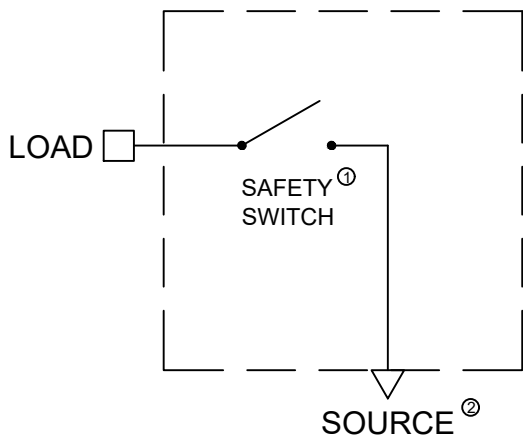
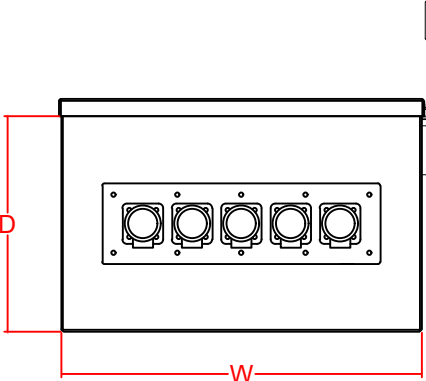
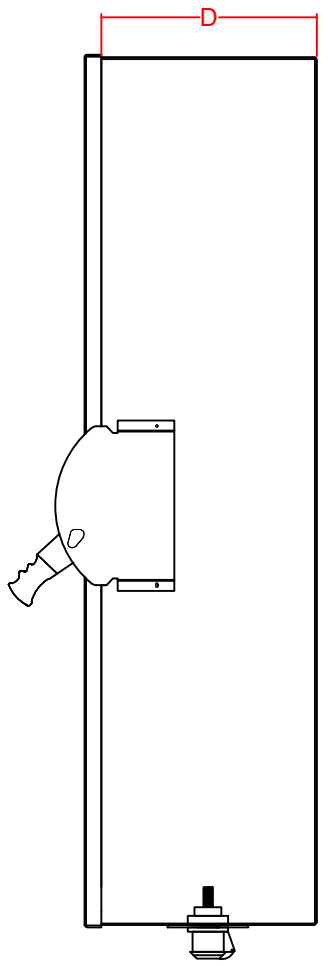
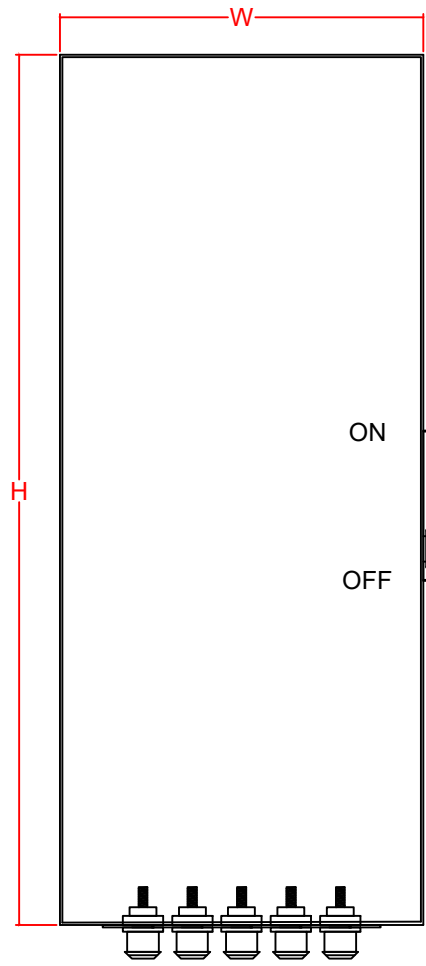
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12/17/2021

Date

1 OF 1

Sheet No.



ONE-LINE KEYNOTES ①

1. Fusible or Non-Fusible
2. Cams to Source: S16 Male
3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

100A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-01SFN -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFS -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFN -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFS -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFX -3	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFN -4	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFS -4	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-01SFX -5	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFN -6	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFS -6	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-01SFX -7	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFN -8	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SFS -8	29.00 in.	23.25 in.	8.75 in.

200A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-02SFN -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFS -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFN -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFS -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFX -3	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFN -4	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFS -4	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-02SFX -5	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFN -6	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFS -6	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-02SFX -7	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFN -8	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SFS -8	29.00 in.	23.25 in.	8.75 in.

400A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-04SFN -1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFS -1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFN -2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFS -2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFX -3	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFN -4	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFS -4	46.25 in.	32.50 in.	9.75 in.
PWA-CCS-04SFX -5	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFN -6	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFS -6	46.25 in.	32.50 in.	9.75 in.
PWA-CCS-04SFX -7	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFN -8	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SFS -8	46.25 in.	32.50 in.	9.75 in.

100A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-01SNN -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNS -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNN -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNS -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNX -3	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNN -4	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNS -4	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-01SNX -5	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNN -6	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNS -6	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-01SNX -7	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNN -8	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-01SNS -8	29.00 in.	23.25 in.	8.75 in.

200A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-02SNN -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNS -1	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNN -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNS -2	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNX -3	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNN -4	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNS -4	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-02SNX -5	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNN -6	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNS -6	29.00 in.	23.25 in.	8.75 in.
PWA-CCS-02SNX -7	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNN -8	29.00 in.	17.25 in.	8.75 in.
PWA-CCS-02SNS -8	29.00 in.	23.25 in.	8.75 in.

400A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-04SNN -1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNS -1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNN -2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNS -2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNX -3	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNN -4	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNS -4	46.25 in.	32.50 in.	9.75 in.
PWA-CCS-04SNX -5	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNN -6	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNS -6	46.25 in.	32.50 in.	9.75 in.
PWA-CCS-04SNX -7	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNN -8	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-04SNS -8	46.25 in.	32.50 in.	9.75 in.

NOTE: " _ " DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

REVISION RECORD:

No.	Date	Description	In.

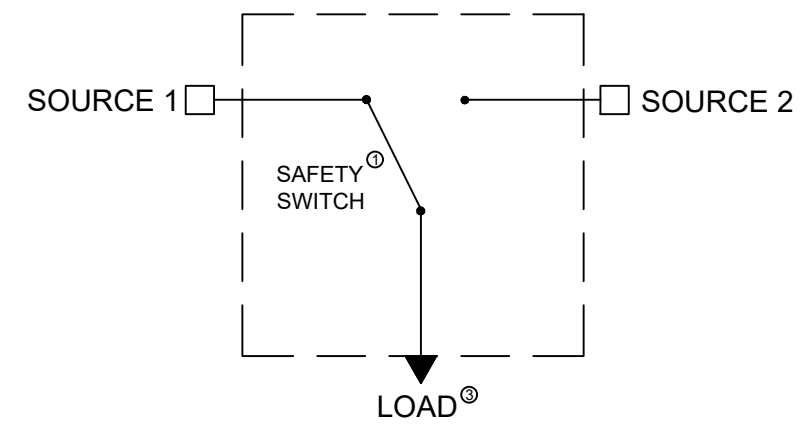
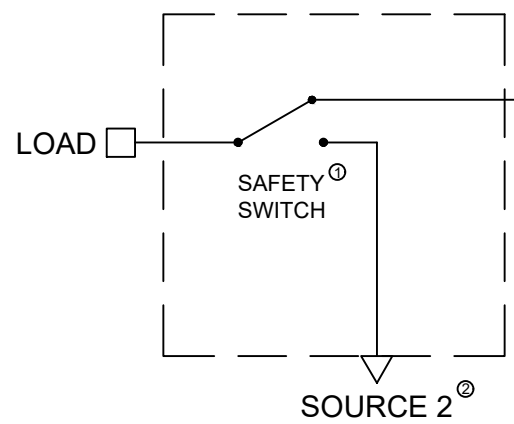
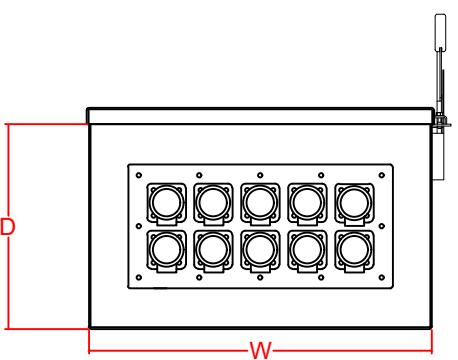
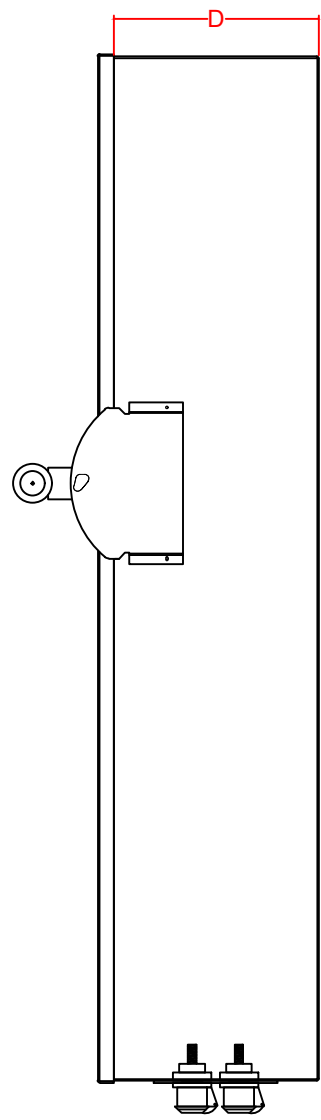
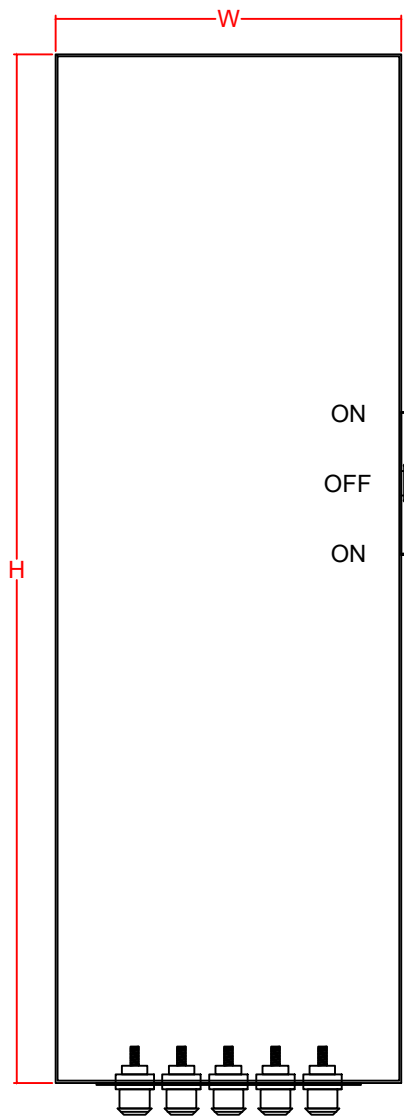
PROFESSIONAL SEAL:



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 WWW.POWERASSEMBLIES.COM

DRAWING TITLE:
100A-400A Single-Throw Camlock Connection Switch
 BUILD NAME:
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REV A
 Revision/Version No.
AS
 Drawing By
12/17/2021
 Date
 1 of 1
 Sheet No.



- ONE-LINE KEYNOTES**[Ⓢ]
1. Fusible or Non-Fusible
 2. Cams to Source: S16 Male
 3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

600A DOUBLE-THROW, FUSIBLE

PART NUMBER	H	W	D
PWA-CCS-06DFN_-1	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFS_-1	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFN_-2	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFS_-2	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFX_-3	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFN_-4	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFX_-5	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFN_-6	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFX_-7	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-06DFN_-8	58.90 in.	28.10 in.	20.50 in.

800A DOUBLE-THROW, FUSIBLE

PART NUMBER	H	W	D
PWA-CCS-08DFN_-1	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFS_-1	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFN_-2	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFS_-2	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFX_-3	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFN_-4	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFX_-5	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFN_-6	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFX_-7	58.90 in.	28.10 in.	20.50 in.
PWA-CCS-08DFN_-8	58.90 in.	28.10 in.	20.50 in.

600A DOUBLE-THROW, NON-FUSIBLE

PART NUMBER	H	W	D
PWA-CCS-06DNN_-1	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNS_-1	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNN_-2	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNS_-2	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNX_-3	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNN_-4	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNS_-4	63.60 in.	27.00 in.	8.88 in.
PWA-CCS-06DNX_-5	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNN_-6	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNX_-7	63.76 in.	23.66 in.	8.88 in.
PWA-CCS-06DNN_-8	63.76 in.	23.66 in.	8.88 in.

800A DOUBLE-THROW, NON-FUSIBLE

PART NUMBER	H	W	D
PWA-CCS-08DNN_-1	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNS_-1	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNN_-2	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNS_-2	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNX_-3	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNN_-4	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNX_-5	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNN_-6	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNX_-7	63.76 in.	27.00 in.	8.88 in.
PWA-CCS-08DNN_-8	63.76 in.	27.00 in.	8.88 in.

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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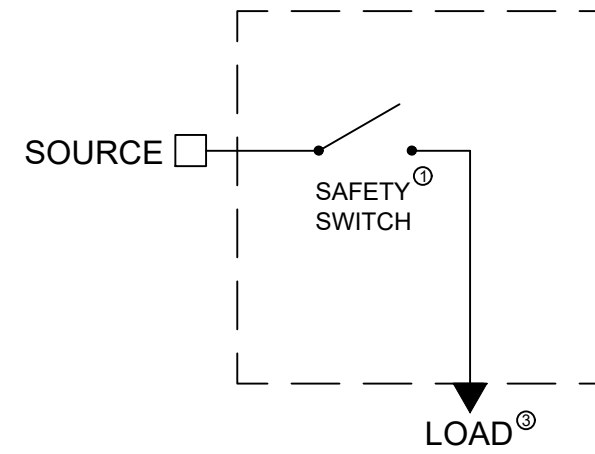
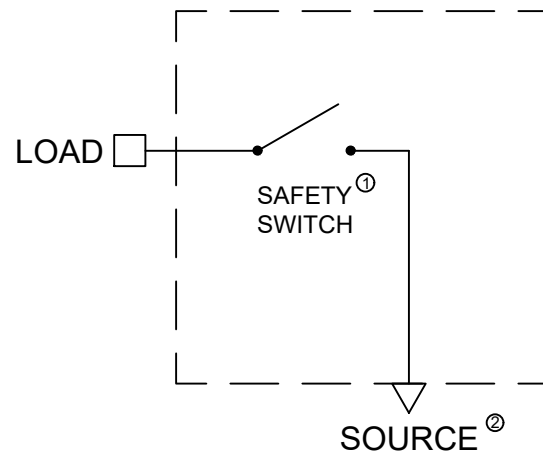
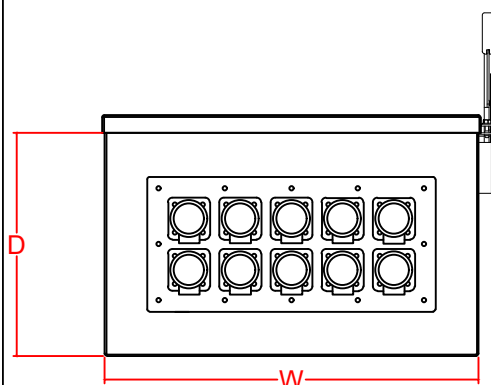
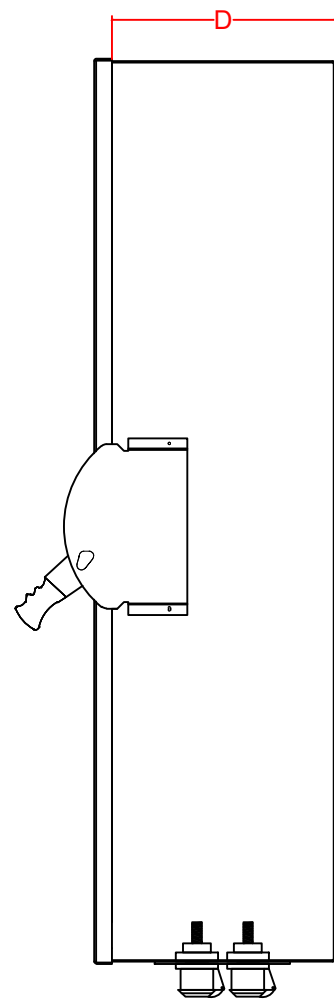
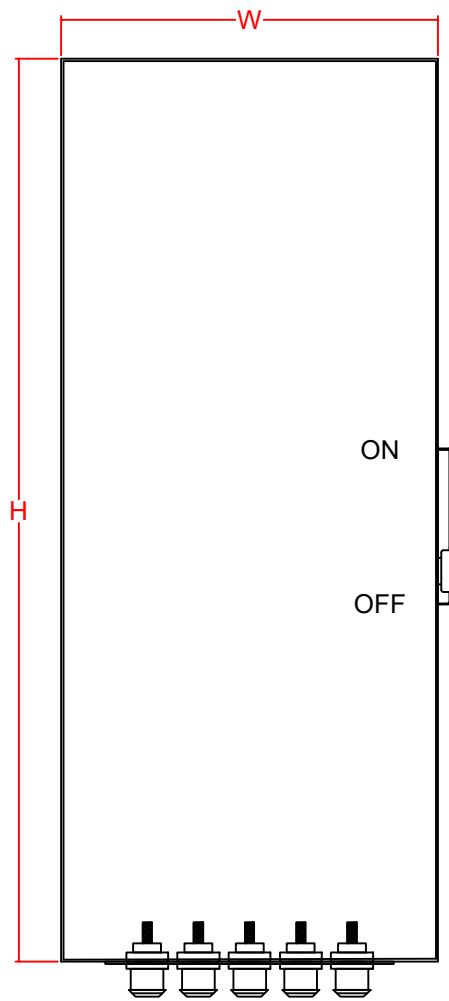
DRAWING TITLE:
600A-800A Double-Throw Camlock Connection Switch

BUILD NAME:

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ONE-LINE KEYNOTES^⓪

1. Fusible or Non-Fusible
2. Cams to Source: S16 Male
3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

600A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-06SFN_-1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFS_-1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFN_-2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFS_-2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFX_-3	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFN_-4	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFX_-5	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFN_-6	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFX_-7	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SFN_-8	46.25 in.	26.25 in.	9.75 in.

800A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-08SFN_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFS_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFN_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFS_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFX_-3	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFN_-4	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFX_-5	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFN_-6	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFX_-7	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SFN_-8	69.13 in.	36.00 in.	14.00 in.

600A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-06SNN_-1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNS_-1	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNN_-2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNS_-2	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNX_-3	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNN_-4	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNX_-5	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNN_-6	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNX_-7	46.25 in.	26.25 in.	9.75 in.
PWA-CCS-06SNN_-8	46.25 in.	26.25 in.	9.75 in.

800A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-08SNN_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNS_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNN_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNS_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNX_-3	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNN_-4	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNX_-5	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNN_-6	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNX_-7	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-08SNN_-8	69.13 in.	36.00 in.	14.00 in.

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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 WWW.POWERASSEMBLIES.COM

DRAWING TITLE:

600A-800A Single-Throw

BUILD NAME:

Camlock Connection Switch

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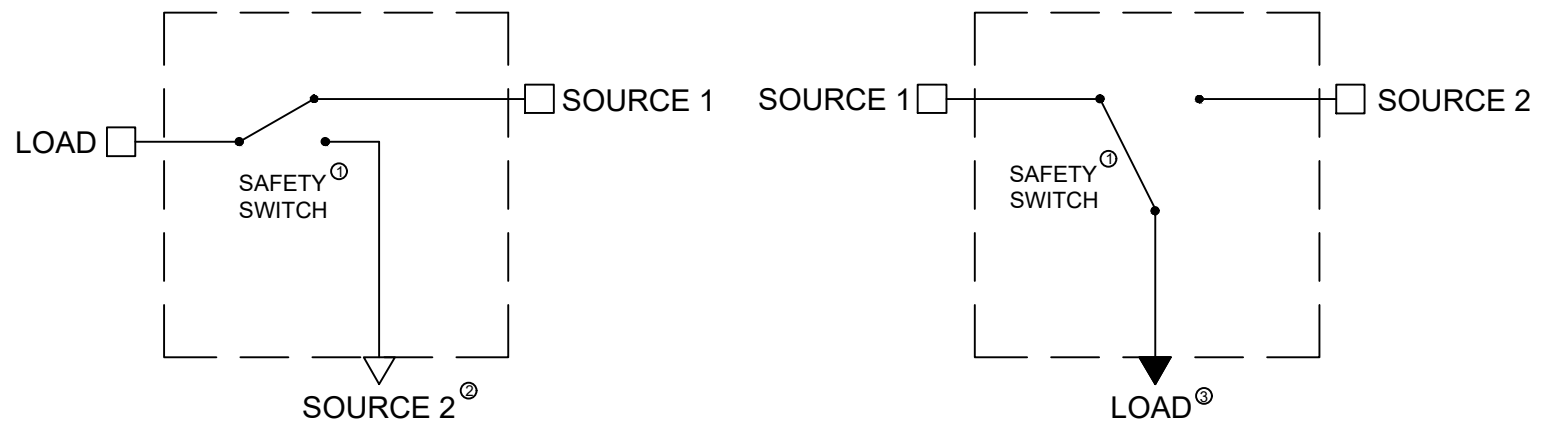
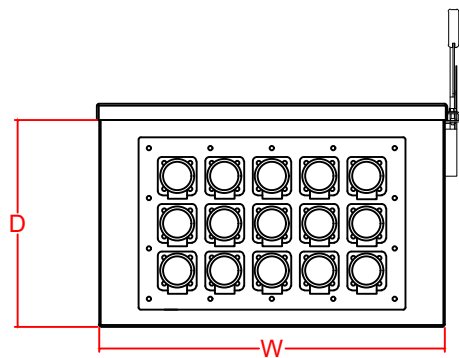
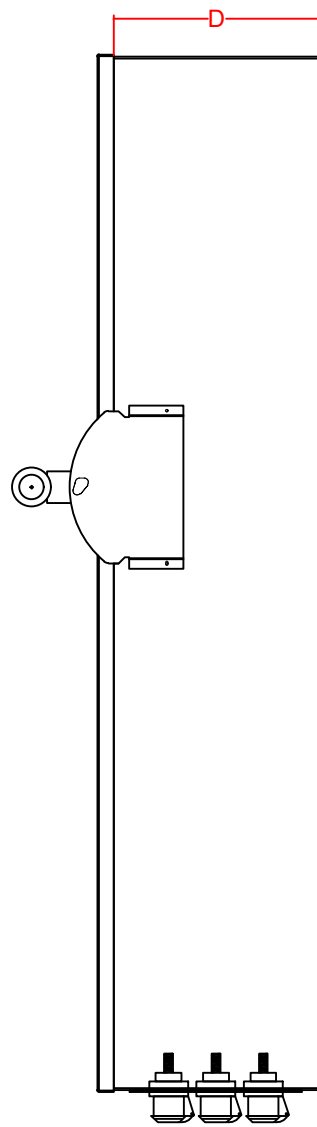
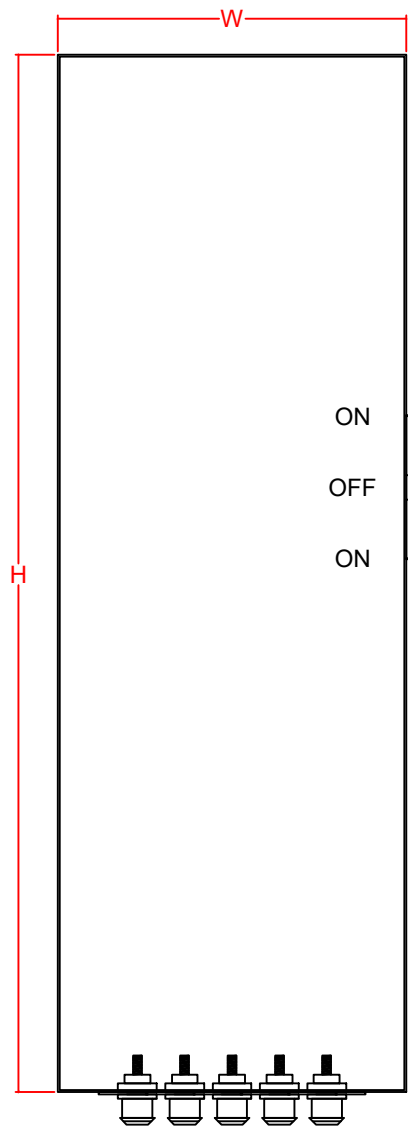
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- ONE-LINE KEYNOTES**[Ⓜ]
1. Fusible or Non-Fusible
 2. Cams to Source: S16 Male
 3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

1000A DOUBLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-10DFN_-1	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFS_-1	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFN_-2	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFS_-2	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFX_-3	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFN_-4	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFX_-5	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFN_-6	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFX_-7	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DFN_-8	78.10 in.	42.60 in.	20.50 in.

1000A DOUBLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-10DNN_-1	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNS_-1	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNN_-2	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNS_-2	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNX_-3	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNN_-4	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNX_-5	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNN_-6	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNX_-7	78.10 in.	42.60 in.	20.50 in.
PWA-CCS-10DNN_-8	78.10 in.	42.60 in.	20.50 in.

NOTE: "_" DENOTES PLACEHOLDER FOR ALL OPTIONS IN DESIGNATED CATEGORY

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sales@powerassemblies.com
 WWW.POWERASSEMBLIES.COM

DRAWING TITLE:

1000A Double-Throw

BUILD NAME:

Camlock Connection Switch

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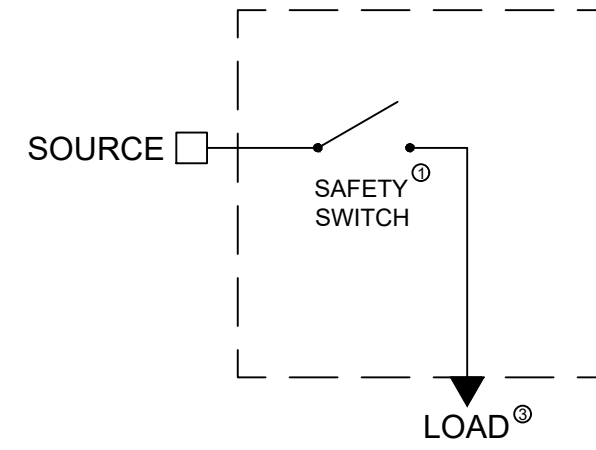
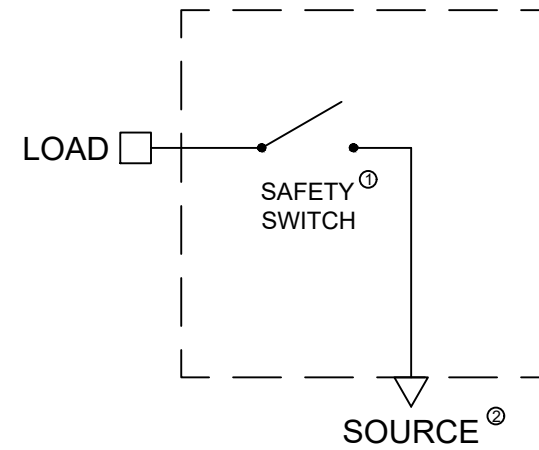
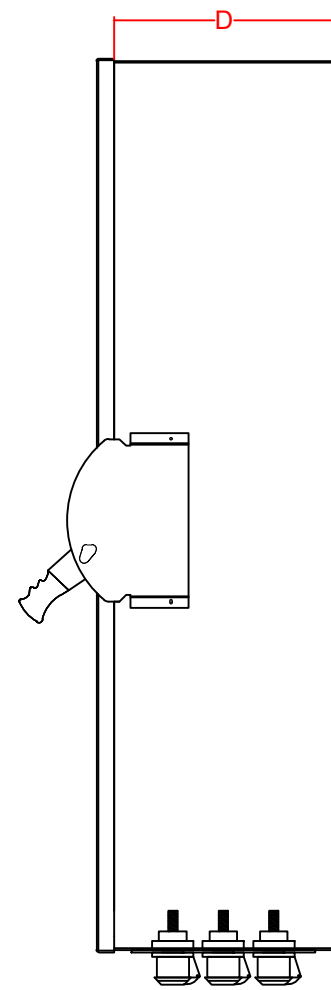
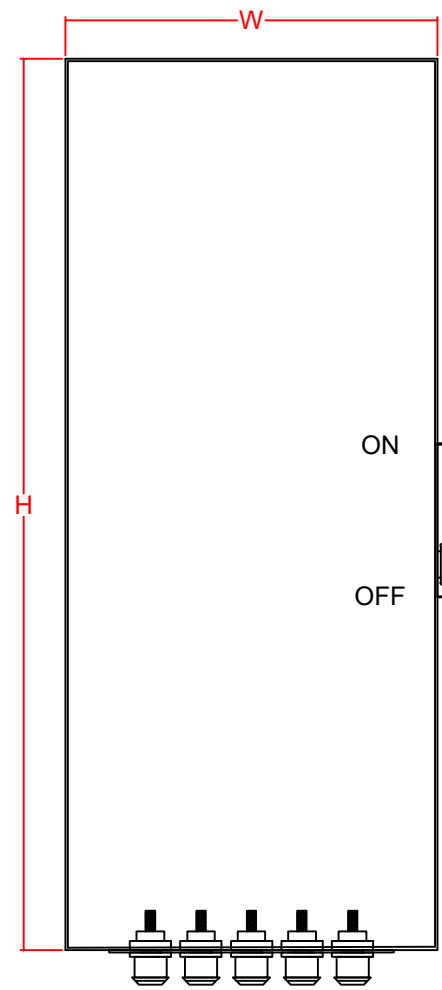
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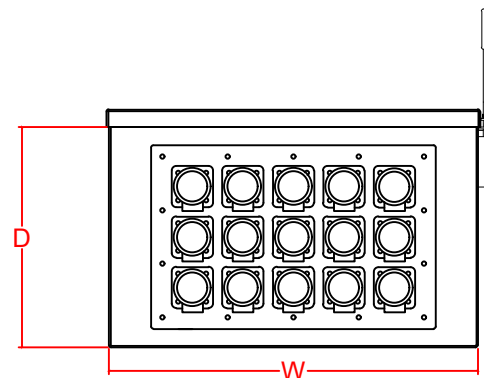


ONE-LINE KEYNOTES ①

1. Fusible or Non-Fusible
2. Cams to Source: S16 Male
3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)



1000A SINGLE-THROW, FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-10SFN_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFS_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFS_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFS_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFX_-3	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFN_-4	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFX_-5	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFN_-6	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFX_-7	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SFN_-8	69.13 in.	36.00 in.	14.00 in.

1000A SINGLE-THROW, NON-FUSIBLE			
PART NUMBER	H	W	D
PWA-CCS-10SNN_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNS_-1	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNN_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNS_-2	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNX_-3	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNN_-4	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNX_-5	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNN_-6	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNX_-7	69.13 in.	36.00 in.	14.00 in.
PWA-CCS-10SNN_-8	69.13 in.	36.00 in.	14.00 in.

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 WWW.POWERASSEMBLIES.COM

DRAWING TITLE:

1000A Single-Throw

BUILD NAME:

Camlock Connection Switch

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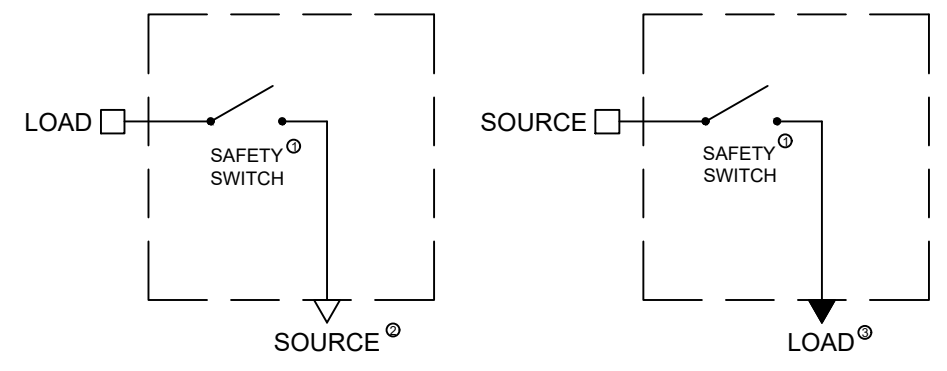
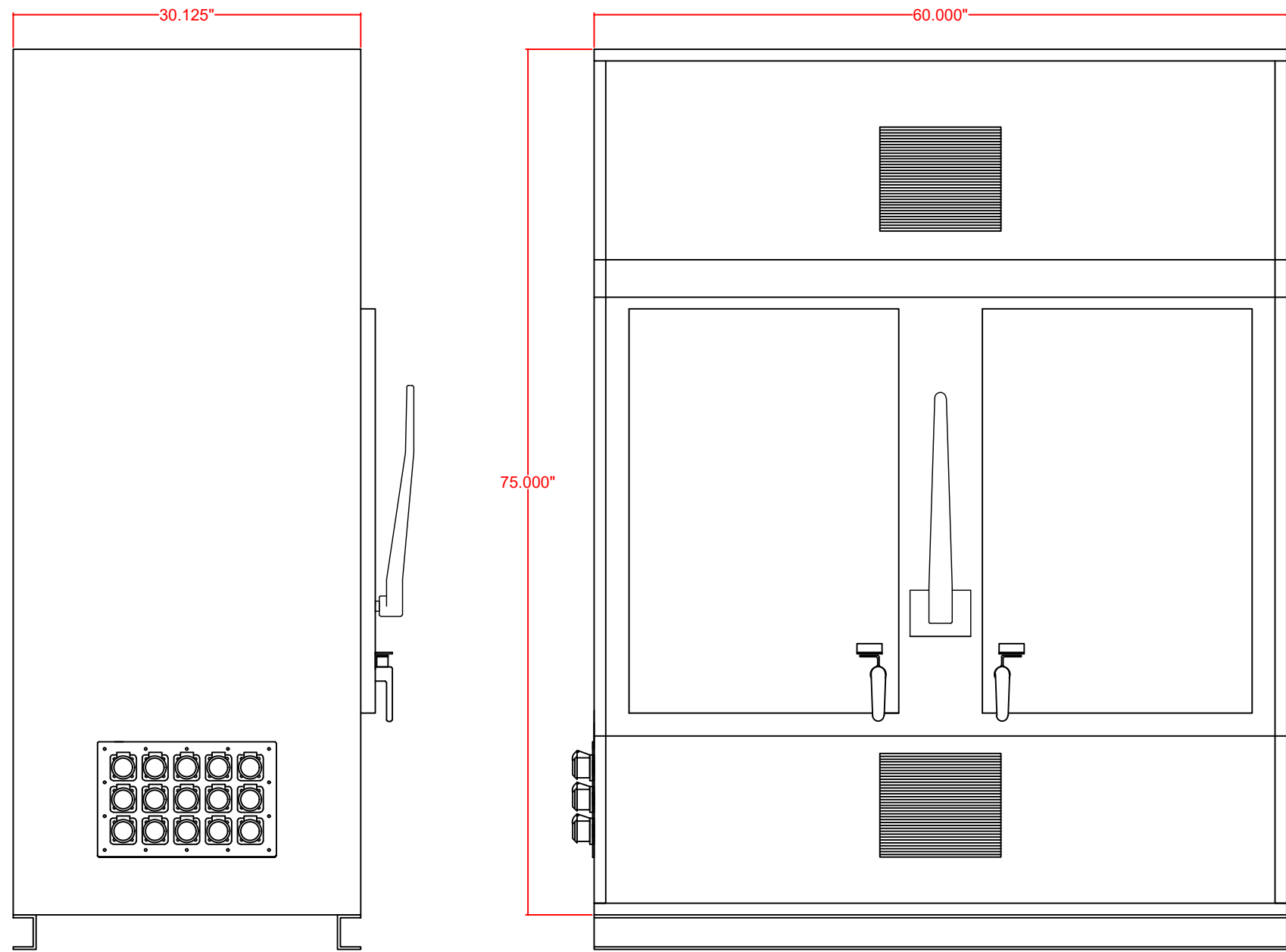
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- ONE-LINE KEYNOTES**
1. Fusible or Non-Fusible
 2. Cams to Source: S16 Male
 3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

AMPERAGE	CAM ROWS
1200A	3
1600A	4
2000A	5
2400A	6
3000A	8

**CAMLOCK QTY VARIES UPON APPLICATION

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DRAWING TITLE:
1200A-3000A Double-Throw

BUILD NAME:
Camlock Connection Switch

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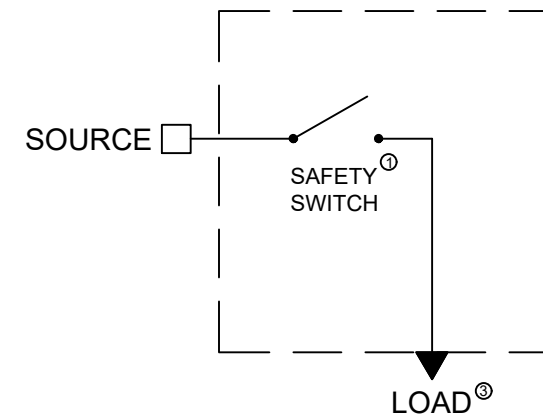
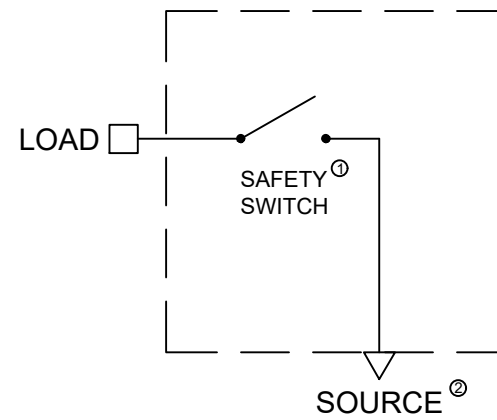
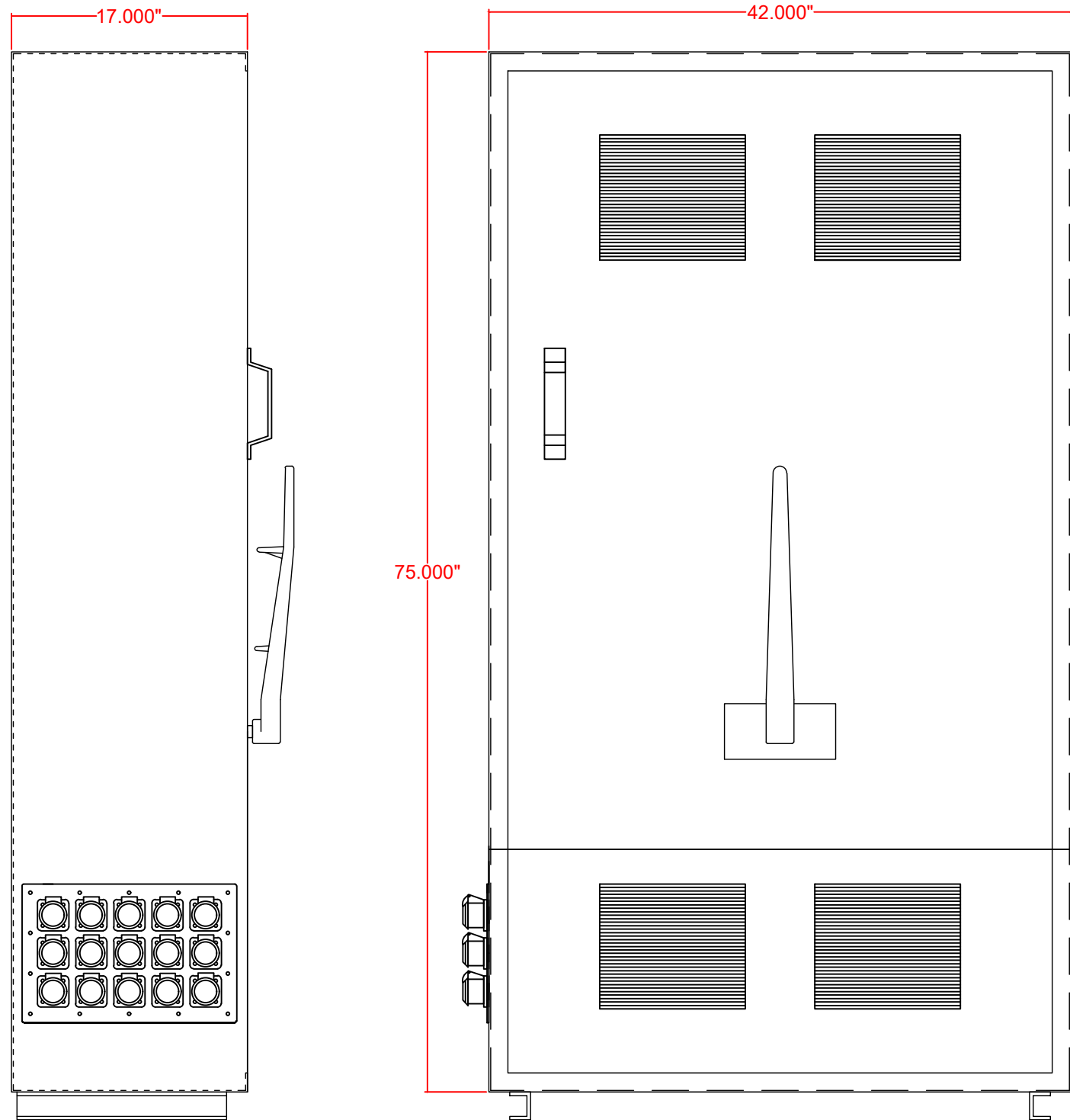
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ONE-LINE KEYNOTES⁰⁰

1. Fusible or Non-Fusible
2. Cams to Source: S16 Male
3. Cams to Load: S16 Female

LEGEND

SYMBOL	DESCRIPTION
	SAFETY SWITCH
	MALE CAMLOCK CONNECTION
	FEMALE CAMLOCK CONNECTION
	HARDWIRED CABLE CONNECTION (FIELD-INSTALLED)

AMPERAGE	CAM ROWS
1200A	3
1600A	4
2000A	5
2400A	6
3000A	8

****CAMLOCK QTY VARIES UPON APPLICATION**

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DRAWING TITLE:

1200A-3000A Single-Throw

BUILD NAME:

Camlock Connection Switch

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SECTION 3

SPECIFICATIONS

CAMLOCK CONNECTION SWITCH



INNOVATIVE POWER SOLUTIONS



Power Assemblies, LLC
915 East Dale Ave. Ste #100
Henderson, NV 89044
www.powerassemblies.com

Camlock Connection Switch Specification Document

PART 1 – GENERAL

1.1 SUMMARY

A. Section Includes:

1. Camlock Connection Switch Specifications

B. Related Sections:

1. Division 00 – Bidding Requirements
2. Division 01 – General Requirements
3. Section 26 00 00 – Electrical: Basic Requirements

1.2 QUALIFICATIONS

- ##### **A. Camlock Connection Switch manufacturer shall provide a complete factory assembled unit.**

1.3 SUBMITTALS

A. Shop Drawings

1. Product technical data:
 - a. Product dimensions with front and side elevation views
 - b. Enclosure type
 - c. Connection details

1.4 WARRANTY

A. Factory Warranty

1. Camlock Connection Switch shall be covered by a manufacturer's warranty for a period of one (1) year from date of shipment from the manufacturer.



PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Power Assemblies LLC.
- B. No Substitutions

2.2 CAMLOCK CONNECTION SWITCH

A. GENERAL

1. Camlock Connection Switches are defined as complete switching units with male Camlock input, or female output connectors wired to a switch for quick connection use.
2. In the event the Contractor is furnishing the Camlock Connection Switch, the Contractor shall be responsible for the equipment until it has been installed, inspected, tested, and accepted in accordance with the requirements of the specifications.

B. CONSTRUCTION

1. All equipment shall be new.
2. Camlock Connection Switch enclosure shall be NEMA 3R.
 - a. Unit shall be constructed of carbon steel coated or aluminum.
 - b. Wall mount type enclosures will have mounting holes in the back of the enclosure for mounting, mounting hardware shall be included.
 - c. NEMA 3R units shall protect against water entry.
 - d. Camlock connectors shall be UL/CSA Listed single-pole and rated for 400A at 600VAC. Camlock connectors shall be color coded to visualize appropriate voltages. Camlock connectors shall be provided for each phase in the appropriate configuration to support required amperage and provided for neutral if required.

C. ENCLOSURE

1. Mount: Wall Mount or Pad Mount
2. Material: Carbon Steel or Aluminum
3. Finish: ANSI 61 Gray or Uncoated Aluminum
4. Additional Requirements
 - a. NEMA Type 3R