



Modular Switchracks

★★★Made in the USA★★★

Prefabricated Solutions

Advantages:

Faster:

Modular construction sidesteps the possibility of unreliable contractors and unproductive staff. Additionally, the reduction in construction time can significantly save on construction financing costs. In many instances, prefabrication takes less than half the time when compared to traditional construction.



2 Weeks Lead Time
on Frame Only

Savings:

You can expect significant savings due to the ability to progress work as a parallel operation in our factory and on your construction site. Significant cost savings on concrete slab foundation and hiring a civil engineer.

Quality:

Factory tolerances and workmanship is of a higher quality and consistency to that achieved on site. Since prefabricated construction occurs in a controlled



180mph Wind Rated
Steel Structure,
150mph Aluminum

manufacturing environment and follows specified ISO 9001 standards, the sub-assemblies of the structure will be built to a uniform quality.

Safety:

Since sub-assemblies are created in a factory controlled environment utilizing dry materials, there is less risk for problems associated with moisture, environmental hazards and dirt. Also, an indoor construction environment presents considerably fewer risks for accidents and other liabilities.

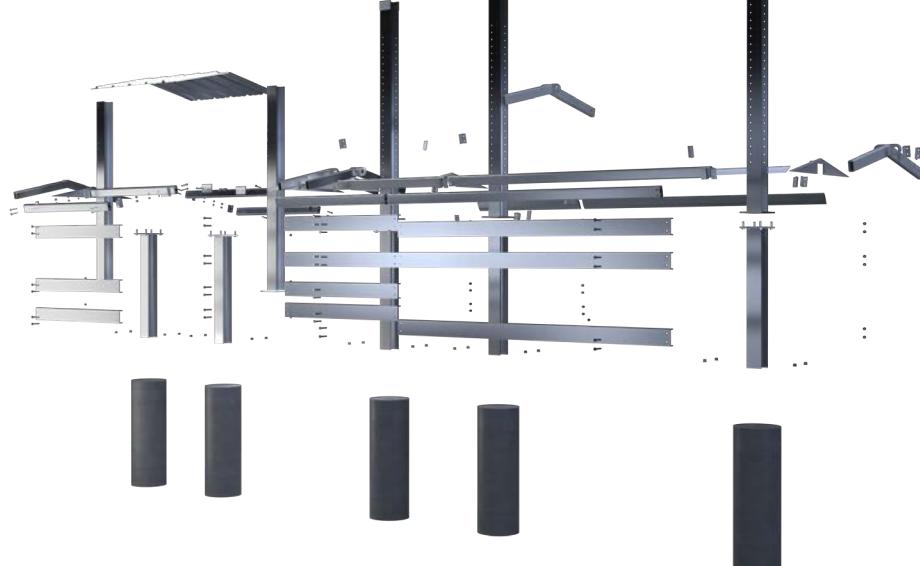


Bolted Switchracks:

- Bolted Quick Ship Design - Galvanized, Painted, or Aluminum
- **180mph Wind Rated Structure (Steel)
150mph (Aluminum)**
- Aluminum Racks Resistant to H2S Gas & Salt Water

- Standard Lead Time:
2 Weeks on Frame Only
4-6 Weeks on Integrated Switchrack
- PE Stamped Structural Drawings
- PE Stamped Civil Drawing of Cement Foundation Column. Significant cost savings on concrete slab foundation and hiring a civil engineer.

- tightening and thread seizing. A system of locks shall prevent covers from loosening due to external vibration.
- Female threads on the top cover with male threads on the bottom cover shall ensure inherent water and rain shedding.





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Catalog Number System

SWRK-5CSMS-206RPB

SWRK	-	5	CS	M	S	-	2	06	R	P	B
Width (ft. decimal)			Construction				Columns		Roof		Finish
5 5'			M Modular				1 2 3		R Roof		N Natural
10 10'							4 5 6		N No Roof		G Galvanized
15 15'			Material		Sides						P Painted
20 20'			CS Carbon Steel		S Single Sided			01 06			B Galvanized & Painted
25 25'			SS Stainless		D Double Sided			02 07			
30 30'			AL Aluminum					03 08			
35 35'								04 09			
40 40'								05 10			
* Modular racks come on 5 ft increments with unlimited expansion											



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Customer: _____

Project: _____

Prepared By: _____

Quotation For: Estimate/Budget

Quotation Required By (Date) _____

Is a current copy of plant STDS/SPECS available

Engineering Firm: _____

Location: _____

Date: _____

Bid

Immediate Buy

Material Required By (Date) _____

Area Classification:

HAZARDOUS - Circle All That Apply

- Class I
- Div. 1 or 2, Grps B,C & D
- Class II
- Div. 1 or 2, Grps E,F & G
- Class III

NON-HAZARDOUS

- Ordinary Locations
- NEMA 3R, 4, 4X (Circle One)

Dimension Restrictions:

Length _____ Height _____

Service System: (i.e. 480V, 3PH, 3W, 60HZ)

_____ VOLT _____ PH _____ W _____ HZ

Incoming Feeder Requirements:

_____ # Conductors/Phase

_____ # AWG/MCM

_____ # Inch Conduit (Size)

Top Entry Bottom Entry

Structural Frame:

MATERIAL

- Steel
- Aluminum
- Single Face
(Components on ONE side only)
- Double Face
(Components on BOTH sides)

FINISH

- Hot Dip Galvanized
- Painted

PE Stamp required Yes No

State of PE Stamp required _____

Windspeed Rating _____

Seismic or other ratings _____

Other _____

Percent Spare Space _____ %

Main Bus Enclosure:

MATERIALS

- Steel
- Aluminum
- Other (Specify) _____
- Bus Location - Top of Rack
- Bus Location Bottom of Rack
- Bus Bracing _____ (25 KAIC Standard)
- Bus Amps _____
- Other - Customer to Specify

FINISH

- Hot Dip Galv.
- Painted

Roof Canopy:

Yes

No

- Corrugated Aluminum
- Corrugated Fiberglass

MAIN BUS CHARACTERISTICS

Copper Bars

- Bare (Standard)
- Insulated
- Silver Plated
- Tin Plated

Power Distr. Block

Ground Bus in Enclosure

Enclosure Type:

Bolted

Threaded

Krydon

Epoxy Coated



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Main Breaker/Disconnect: (3C,N)

<input type="checkbox"/> None	<input type="checkbox"/> Molded Case Breaker
AIC Rating _____	
Amp Trip (AT)/ _____	Amp Frame (AF) _____
<input type="checkbox"/> Disconnect Switch _____	
	Amps _____
<input type="checkbox"/> Fused	<input type="checkbox"/> Non-Fused

Feeder Circuit Breaker: (3C, N)

AIC Rating _____		
Qty _____	(AT) _____	(Specify) _____
		/100/150 AF
		/100/150 AF
		/225/250 AF
		/400 AF
		/800 AF
		Other _____

Equipment Requirements:

COMBINATION MOTOR STARTERS (1C, N)

FVNR, Reversing, 2-Speed (circle one)

Qty.

_____ NEMA Size 0 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 1 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 2 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 3 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 4 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 5 With _____ AT/ _____ AF, _____ MCP
_____ NEMA Size 6 With _____ AT/ _____ AF, _____ MCP

Refer to Eaton's Crouse-Hinds catalog for suggested breaker or motor circuit protector sizing if not specified above, Eaton's Crouse-Hinds will size accordingly.

OPTIONS REQUIRED

*Unless specified differently *options furnished standard

	Yes	No
*Fused Control Transformer Suffix FTPS	_____	_____
Space Heaters Suffix R11, R22, R44	_____	_____
Start/Stop Pushbuttons Suffix PB23	_____	_____
Hand-Off Auto Selection Switch Suffix RR3	_____	_____
Red Indicating Light Suffix J1	_____	_____
Green Indicating Light Suffix J3	_____	_____
*Auxiliary Contacts: (2 N.O./2NC) Suffix S782	_____	_____
Control Relay Suffix S787	_____	_____
*Breather/Drain Suffix S198V/S756V	_____	_____
*12 Point Terminal Block Other - Specify Suffix S786	_____	_____

Component Preference:

Cutler-Hammer SQD A-B GE

(Cutler-Hammer will be used if no preference is indicated.)

Distribution Transformers:

_____ KVA _____	PH _____	Volt-Pri _____ / _____ Volt-Sec
_____ KVA _____	PH _____	Volt-Pri _____ / _____ Volt-Sec

Copper Windings Stainless Steel Enclosure

Panelboards: (1A, N)

Power (480V) (D2D EXD)

<input type="checkbox"/> Single Phase	<input type="checkbox"/> Three Phase
Main Breaker _____	Pole _____ AT
Branch Circuits	
Qty _____ AT _____	No. Poles (i.e. '2P'-2 = Pole) _____
_____	_____
_____	_____
_____	_____

LIGHTING/HEAT TRACING

(240/120V)(D2L, EPL, D2PB)

<input type="checkbox"/> Single Phase	<input type="checkbox"/> Three Phase
Main Breaker _____	Pole _____ AT
Branch Circuits	
Qty _____ (AT) _____	No. Poles (i.e. '2P'=2 Pole) _____
_____	_____
_____	_____
_____	_____

† GFI (5mA) AMP

(No. Req'd) _____ Rating _____

† EPD (30mA) AMP

(No. Req'd) _____ Rating _____