

# UHDM Modular Disconnect Enclosures - NEMA 12

ABB Controls, Allen Bradley, Cutler Hammer, General Electric, Siemens I-T-E Max-Flex™, Square D

Disconnect

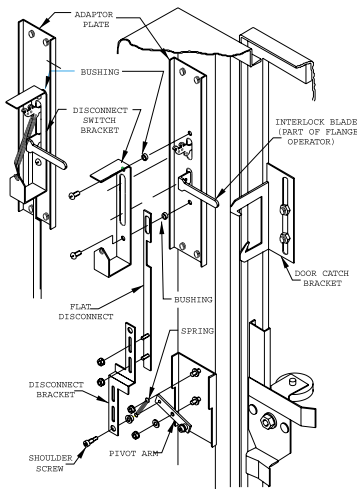
Freestanding Enclosures

## Operator Adaptor Kits

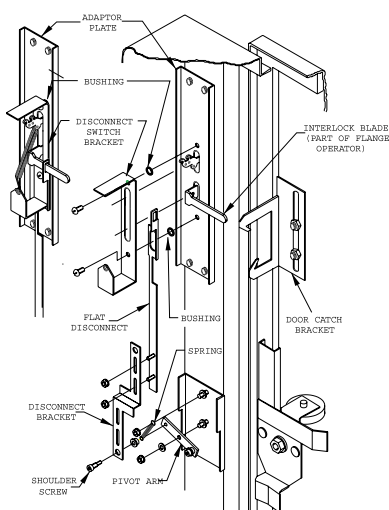
- All Universal series enclosures require one adaptor kit (ordered separately) to adapt the type of disconnect and mechanism to be used.
- Each brand and type requires a different adaptor kit.
- Each kit contains an adaptor plate and master door interlocking mechanism.
- Fully detailed, illustrated instructions included.

**Note:** See pages 207-217 for a list of disconnect switches and circuit breakers to fit 72.12" and 84.12" enclosures.

**Version Shown**  
**Allen Bradley - 1494V H1**



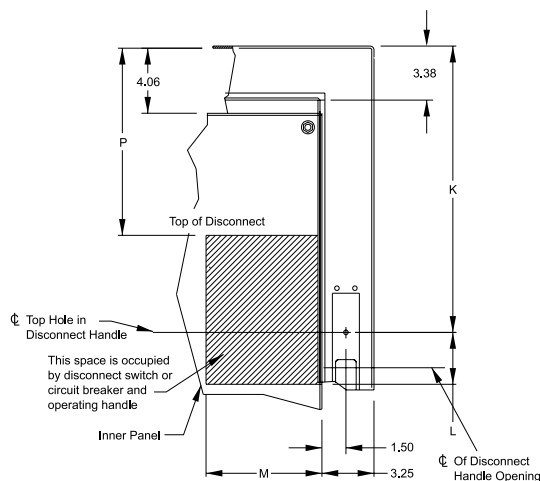
**Version Shown**  
**Allen Bradley - 1494V H2**



Part No.	Operator Make & Type	
AKU	ABB Controls operating handle	
	Disconnect Switch	DSFHN-HS12
	Circuit Breaker	K7FHD-HS12
	Allen Bradley 1494V variable depth operating handle	
	Disconnect Switch	1494V H1
	30-200	1494V H2
	400	1494V H11
	Circuit breaker	
	Cutler Hammer operating handle	C361H1 or H3
	Disconnect Switch	C371H1 or H3
Circuit Breaker	C371H5 or H7	
150 amps		
250 to 1200 amps		
Circuit Breaker C371 Flex-Shaft™ handle mechanism.		
General Electric operating handle		
Disconnect Switch	STDA1or STDA2	
Circuit Breaker	STDA1or STDA2	
Circuit Breaker Spectra-Flex™ cable operators		
150 to 600 amps	STDA1	
sk1200	STDA3	
Siemens I-T-E Max-Flex™ operating handle		
Disconnect Switch, Variable depth	FHOHS	
Circuit Breaker		
125 to 600	FHOH	
800 to 2000	FHOHN	
Square D class 9422 operating mechanism		
Disconnect Switch variable depth	9422 type A1	
Circuit Breaker variable depth	9422 type A1	
Disconnect Switch with cable mechanism	9422 type A1	
Circuit Breaker with cable mechanism	9422 type A1	
AK1494FD	Allen Bradley	1494F and D
BPAK	Blank Adaptor Plate	

## Space Occupied by Disconnects

Note: Disconnects will occupy space on panel shown by dimensions "K", "L", and "M". Wiring space "P" is available when disconnect is installed in the enclosure. \*The disconnect information and space occupied tables based on data supplied by disconnect manufacturer's bulletins. Hammond Manufacturing not responsible for dimensional accuracy.



Technical references and DXF downloads available at [www.hamfmfg.com](http://www.hamfmfg.com)

All dimensions in inches unless specified otherwise

**Quality Enclosures. Service Excellence.**

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## Disconnect Ordering Information

### ABB Controls

#### Disconnect switch:

- Flange operated switch (fusible or non-fusible)
- Shaft:
  - 18.13" deep enclosures use DSFHS-17
  - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle: DSFHN-HS12

#### Circuit breaker:

- Circuit breaker: ABB
- Operating mechanism
- Shaft:
  - 18.13" deep enclosures use K7FHD-S17
  - 24.13" deep enclosures, platform must be used with shaft (not included)
- Handle mechanism: K7FHD-HS12

### Allen Bradley

#### Bulletin 1494F flange mounted disconnect switch:

- Disconnect switch
- Fuse block adaptor (if required)
- Line and load connectors (if required)

#### 1494D flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Flange mounted operating mechanism
- Slide mechanism

#### Bulletin 1494V flange mounted disconnect switch:

- Disconnect switch
- Operating handle
- Connecting rod/rods (long)
- Trailer fuse block kit (if required)
- Fuse clip kit (if required)
- Line and load connectors (if required)

#### Bulletin 1494V flange mounted circuit breaker operating mechanism:

- Circuit breaker: C-H Westinghouse
- Operating mechanism
- Operating handle
- Connecting rod (long)

### C-H Westinghouse

#### Type C361 disconnect switch:

- Disconnect switch with an operating mechanism
- Operating handle: C361H1 or C361H3
- In 24.13" deep enclosures, platform must be used with shaft (not included)

#### Type C371 circuit breaker operating mechanism with a C-H Westinghouse circuit breaker:

- Circuit breaker
- Operating mechanism
- Long operating rod (if required)
- Operating handle:
  - 150 amp - C371H1 or C371H3
  - 250 through 1200 amp - C371H5 or C371H7

#### Flex-Shaft™ handle mechanism:

- Circuit breaker
- Complete Flex-Shaft™ handle mechanism

### General Electric

#### Disconnect switch:

- Disconnect switch: Type QMR or QMW
- Fuse clip kit or no-fuse kit
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

#### Circuit breaker:

- Circuit breaker
- Flange handle: STDA1 or STDA2
- Variable depth operating mechanism
- Extended length drive rod (if required)

#### Circuit breaker with a Spectra-Flex™ cable operator:

- Circuit breaker
- Flange mounted handle mechanism:
  - 150 to 600 amps - STDA1
  - SK1200 - STDA3
- Breaker mounted mechanism
- Operating cable

### I-T-E Siemens

#### Disconnect switch:

- Basic switch (right-hand)
- Fuse or no-fuse kit
- Flange mounted handle: FHOHS
- Switch operator
- Operating cable: FHOEC048

#### Circuit breaker:

- Circuit breaker
- Pressure wire connectors
- Flange mounted handle:
  - 100 to 600 - FHOH
  - 800 to 2000 - FHOHN
- Circuit breaker operator mechanism
- Operating cable:
  - 18.13" deep enclosures accept 36" or 48" cables;
  - 24.13" deep enclosures require a 48" cable
- These items are available from Siemens I-T-E as a complete mechanism with a 36" operating cable only Order items separately when using a 48" cable

### Square D

#### Disconnect switch:

- Disconnect switch with operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

#### Circuit breaker:

- Circuit breaker
- Operating mechanism
- Universal handle mechanism: Type A-1
- Long operating rod (if required)

#### Class 9422 Type T disconnect switch with a cable mechanism:

- Disconnect switch with operating mechanism: Class 9422, Type T
- Handle mechanism: Class 9422, Type A-1
- Cable mechanism: Class 9422 CFT\_O, 3, 5, or 10 foot

#### Circuit breaker with a cable mechanism:

- Circuit breaker: Square D
- Handle mechanism: Class 9422, type A-1
- Cable mechanism: Class 9422 CFT\_O, 3, 5, or 10 foot

Freestanding Enclosures

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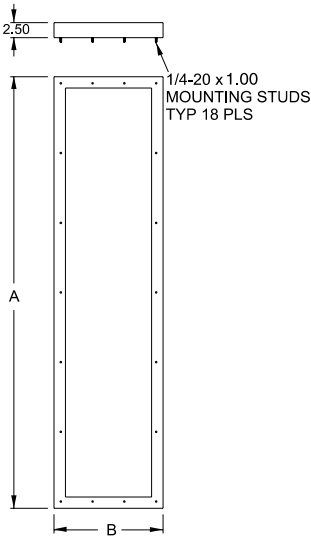
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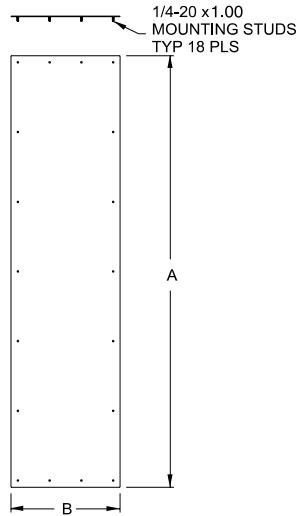
Freestanding Enclosures

## Formed End Plates and Flat End Plates

- Formed from 12 gauge steel.
- Used to enclose the open end(s) of one or more modular enclosures.
- Two types are available. No separate gasket kit is required.



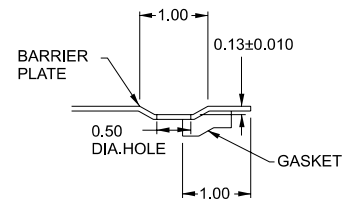
**Formed End Plate**



**Flat End Plate**

## Flat Barrier Plate

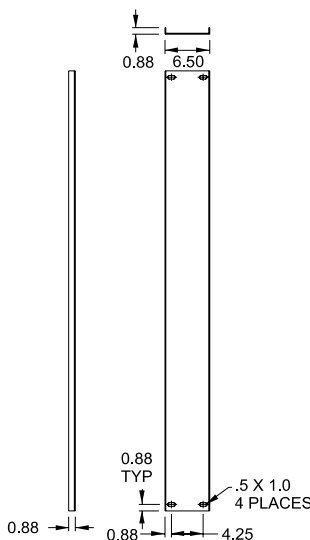
- Formed from 14 gauge steel.
- May be used to provide a barrier between modular enclosures. They are supplied complete with gasket.



**Section A-A**

## Panel Bridge Kit

- Formed from 10 gauge steel.
- May be used to join back panels together between modular enclosures to provide a continuous panel surface.



## Accessories for Heavy Duty Modular NEMA 12 Enclosures for Flange Mounted Disconnects

Part No.	A	B	C	Description
UHDM7218ECA	71.86	17.87	—	Formed End Plate with
UHDM8418ECA	83.87	17.87	—	Mounting Hardware
UHDM8424ECA	83.87	23.87	—	
UHDM7218EPA	71.87	17.87	—	Flat End Plate with
UHDM8418EPA	83.87	17.87	—	Mounting Hardware
UHDM8424EPA	83.87	23.87	—	
UHDM7218BPA	71.87	17.87	—	Flat Barrier Plate with
UHDM8418BPA	83.87	17.87	—	Mounting Hardware
UHDM8424BPA	83.87	23.87	—	
UHDMFTC72BK	—	—	60	Inner Panel Bridge Kit
UHDMFTC84BK	—	—	72	