

# PRODUCT PROFILE

## BULLETIN 512H AND 513H HORIZONTAL COMBINATION STARTERS

### NEMA SPACE-SAVING SOLUTIONS

Allen-Bradley NEMA Combination Starters are known for being the longest lasting, most dependable motor starting solution in North America and now include a line of NEMA space-saving solutions.

Bulletins 512H and 513H Horizontal Combination Starters consist of a Bulletin 509 Starter and a disconnect mounted side-by-side in a 13 in.(H) X 20 in.(W) NEMA Type 3R/4/12 enclosure.

This compact 13 in. high Horizontal Combination Starter has been designed for applications where vertical space is limited, such as under conveyors, service trucks, transfer lines, roving frames, etc.

Universally accepted for their rugged construction, Allen-Bradley NEMA Combination Starters provide superior performance, exceptional reliability, and excellent space-saving solutions.

#### BENEFITS

##### Unmatched Electrical Life

- Minimizes downtime
- Maximizes your long-term savings in maintenance, repair, and replacement costs

#### FEATURES

##### Short-Circuit Protection

- Disconnect Switch – up to 200,000 AIC
- Circuit Breaker Disconnect – up to 65,000 AIC
- Meets service entrance requirements



*Bulletin 512H Horizontal Combination Starter with fusible disconnect switch.*

##### Flexibility

- 13-inch high enclosures
- Wide selection of configurations
- Field-installed accessories are available

##### Dependable Coil Operation

- Lifetime guarantee
- Exclusive thermal cutout minimizes repairs by allowing the installation of a new coil instead of a new starter
- Exclusive shunt plate prevents contactor from closing until sufficient voltage is available

##### Lower Total Cost of Ownership

- Easy installation and wiring
- Long electrical and mechanical life



Bulletin 513H Horizontal Combination Starter with circuit breaker

## ORDERING INFORMATION

**513H - B D CD - A2D - 1E**

Bulletin No.	
Bulletin No.	Description
512H	Horizontal Mounting Combination Starter with Disconnect Switch
513H	Horizontal Mounting Combination Starter with Circuit Breaker

Starter Size	
NEMA Size Code	NEMA Size
B	1
C	2

Enclosure Type	
Code	Type
J	Type 3R/4/12: Rainproof, watertight, dusttight, painted metal enclosure with door safety hardware, metal handle (No external overload relay reset)
D	Type 3R/4/12: Rainproof, watertight, dusttight, painted metal enclosure with door safety hardware, metal handle, and external overload relay reset

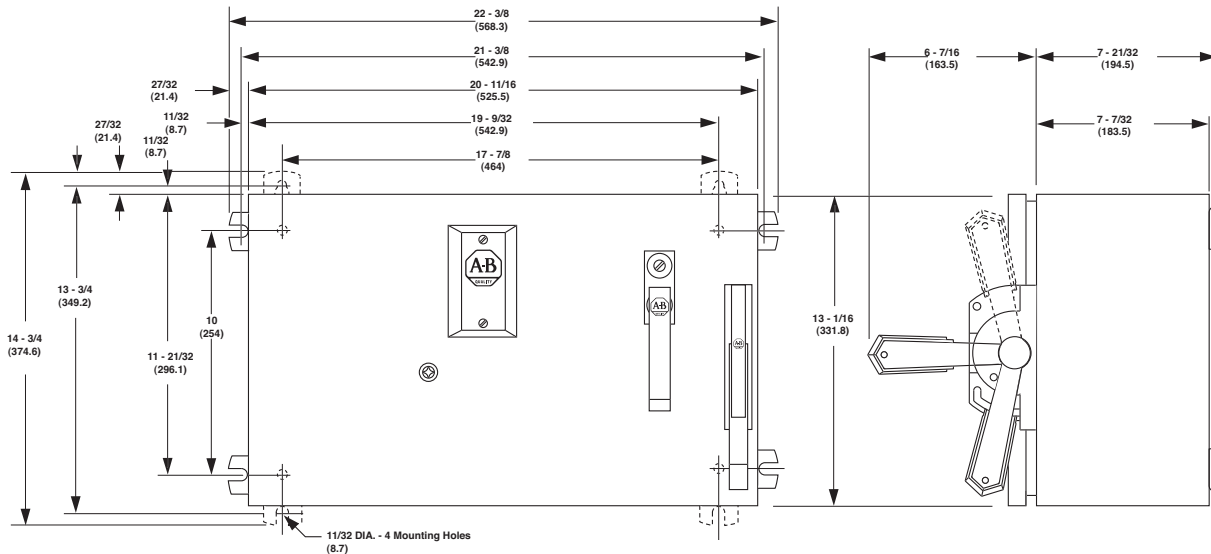
Overload Relay	
Code	Description
None	Eutectic Alloy
See Industrial Controls catalog	Solid-State

Options
See Industrial Controls catalog

Coil Voltage			
Voltage Code	Description	Line Voltage (V)	Coil Voltage (V)
H	Common	208	208
A	Control	240	240
B	(without transformer)	480	480
C		600	600
H	Transformer Control	208	120
A		240	120
B		480	120
C		600	120
AD	Separate Control (without transformer)	208	120
AD		240	120
CD		480	120
CD		600	120

## DIMENSIONS

Dimensions shown in inches (millimeters). Dimensions are not to be used for manufacturing purposes.



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