



#### Electrical features

|                                               |          |         |
|-----------------------------------------------|----------|---------|
| Relay adj range                               | A        | 13-18   |
| IEC technical characteristics ( $\leq 440V$ ) |          |         |
|                                               | le<br>kW | A<br>kW |
|                                               | 18       | 7.5     |

#### Components

|                                     |          |
|-------------------------------------|----------|
| Starter enclosure standard supplied | M1PA     |
| Contactor standard supplied         | BF1810A  |
| Thermal relay standard supplied     | RF381800 |

#### UL technical data

|                                                       |           |    |                    |
|-------------------------------------------------------|-----------|----|--------------------|
| Maximum UL/CSA horsepower ratings single-phase        |           |    |                    |
|                                                       | 110V-120V | HP | 1                  |
|                                                       | 220V-240V | HP | 3                  |
| Maximum UL/CSA horsepower ratings three-phase, 3-pole |           |    |                    |
|                                                       | 200V-208V | HP | 5                  |
|                                                       | 220V-240V | HP | 5                  |
|                                                       | 440V-480V | HP | 10                 |
|                                                       | 550V-600V | HP | 15                 |
| UL degree of protection                               |           |    | Type 1, 12K, 4, 4X |

#### Mechanical features

|        |   |      |
|--------|---|------|
| Weight | g | 1040 |
|--------|---|------|

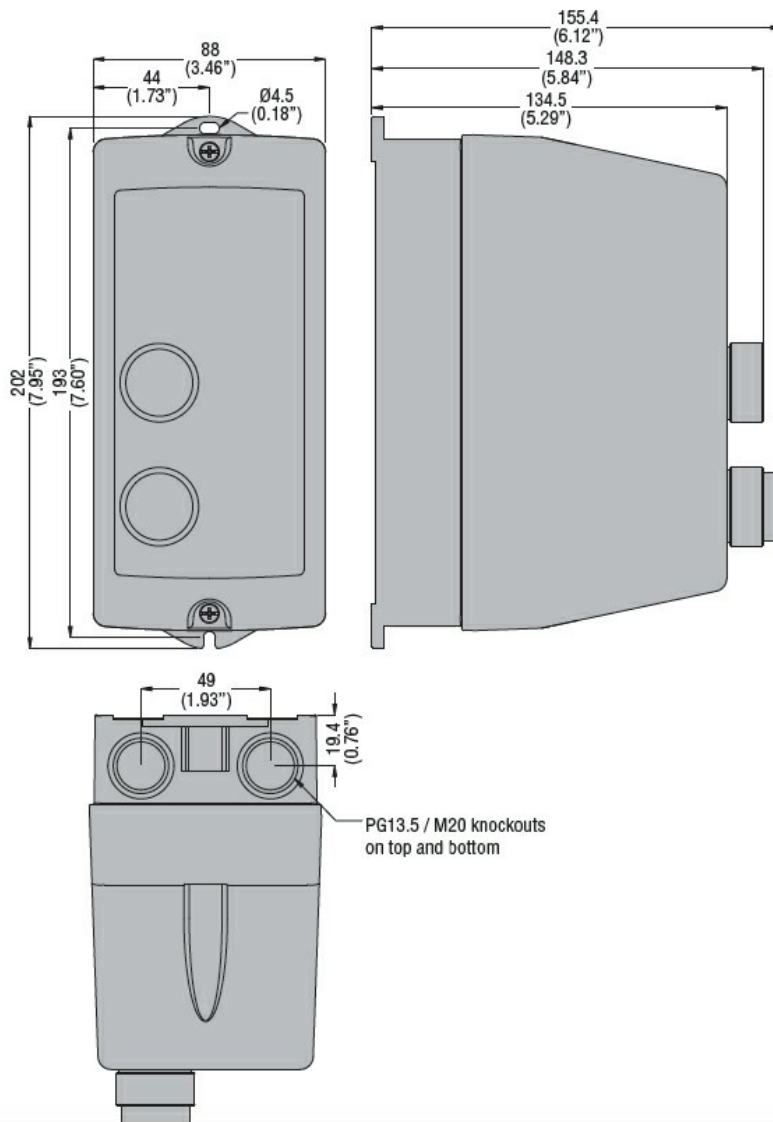
#### Ambient conditions

|                       |     |    |     |
|-----------------------|-----|----|-----|
| Operating temperature |     |    |     |
|                       | min | °C | -25 |
|                       | max | °C | +60 |
| Storage temperature   |     |    |     |
|                       | min | °C | -40 |
|                       | max | °C | +70 |

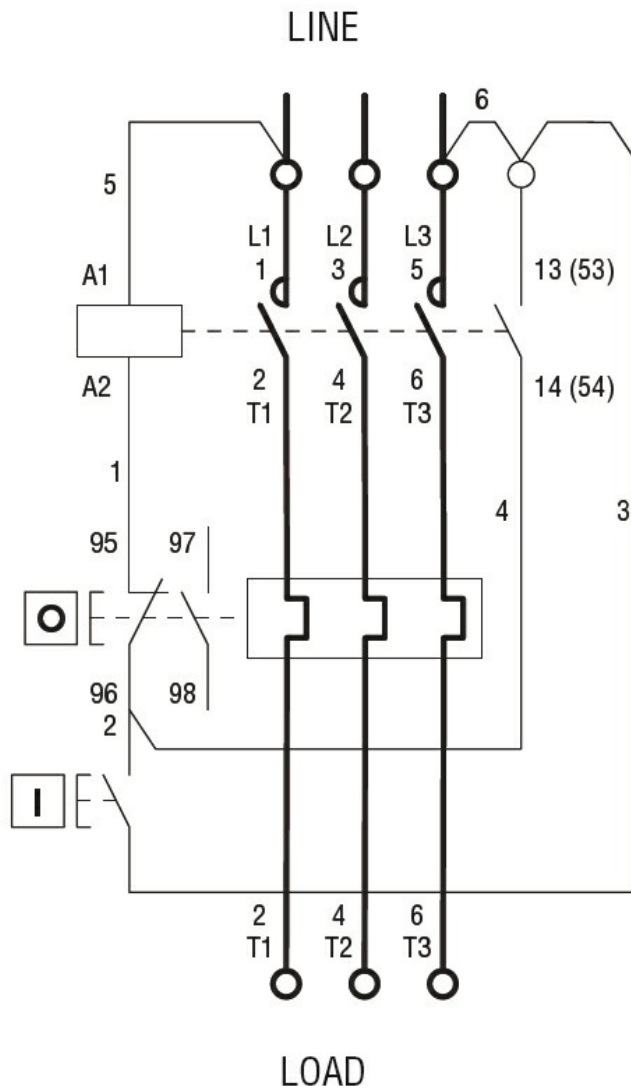
#### Resistance & Protection

|                          |      |
|--------------------------|------|
| IEC degree of protection | IP65 |
|--------------------------|------|

#### Dimensions



## Wiring diagrams



I = Start; O = Stop/Reset

#### Certifications and compliance

##### Compliance

IEC/EN 60947-1  
IEC/EN 60947-4-1  
UL508 CSA C22.2 n° 14

##### Certificates

CSAus  
cULus  
EAC

#### ETIM classification

ETIM 8.0

EC001037 -  
Motor  
starter/Motor  
starter  
combination