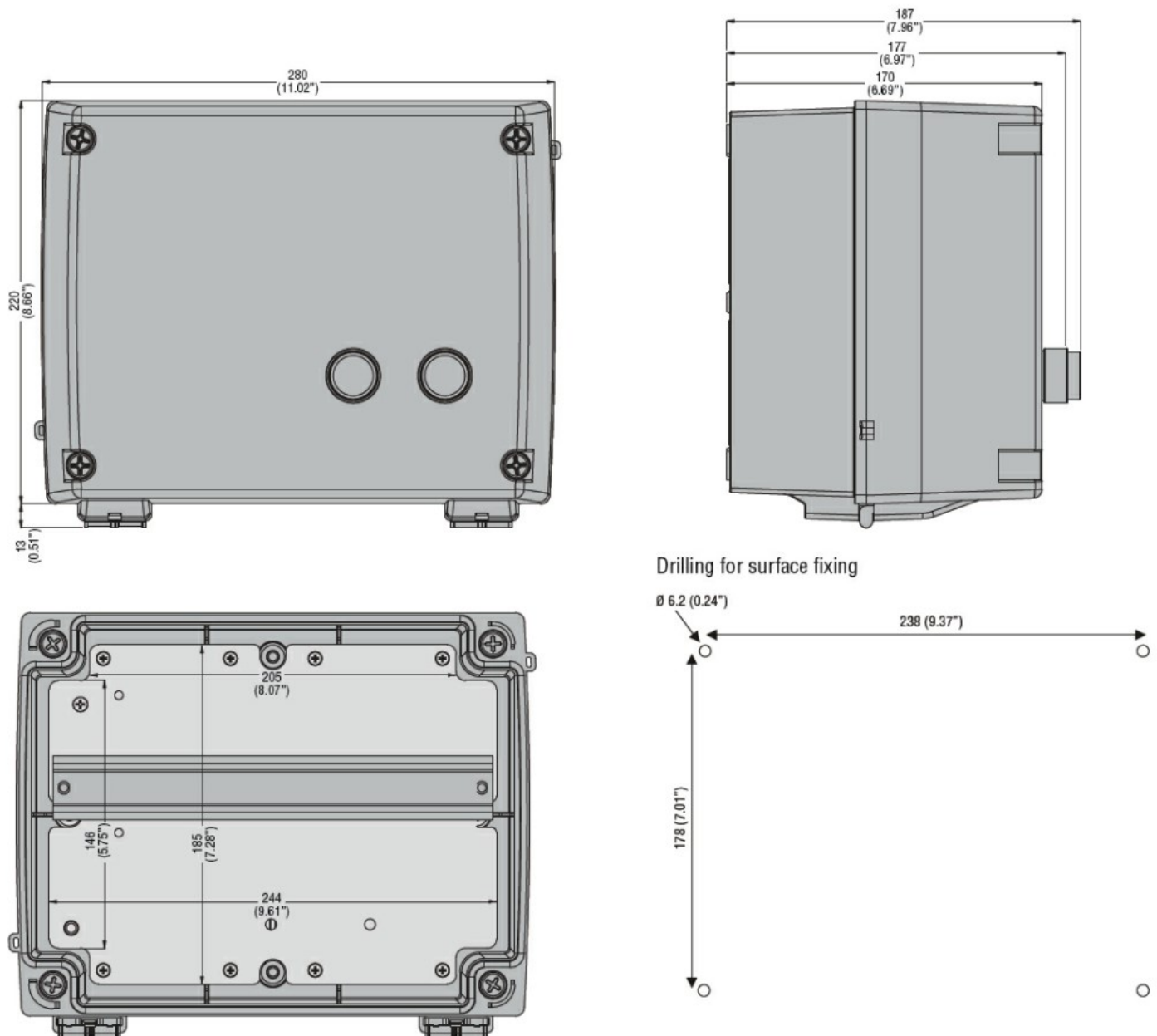


STAR-DELTA STARTER, ENCLOSED STARTER, WITH START AND STOP/RESET BUTTONS.  
STARTING TIME UP TO 12 SECONDS AND A MAXIMUM OF 30 OPERATIONS/HOUR, MAX IEC  
OPERATING CURRENT 22A. COIL VOLTAGE 220VAC 60HZ



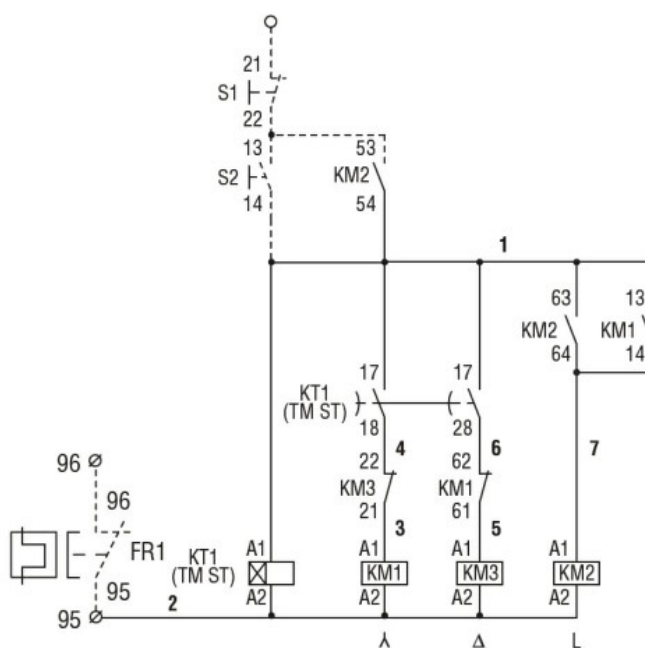
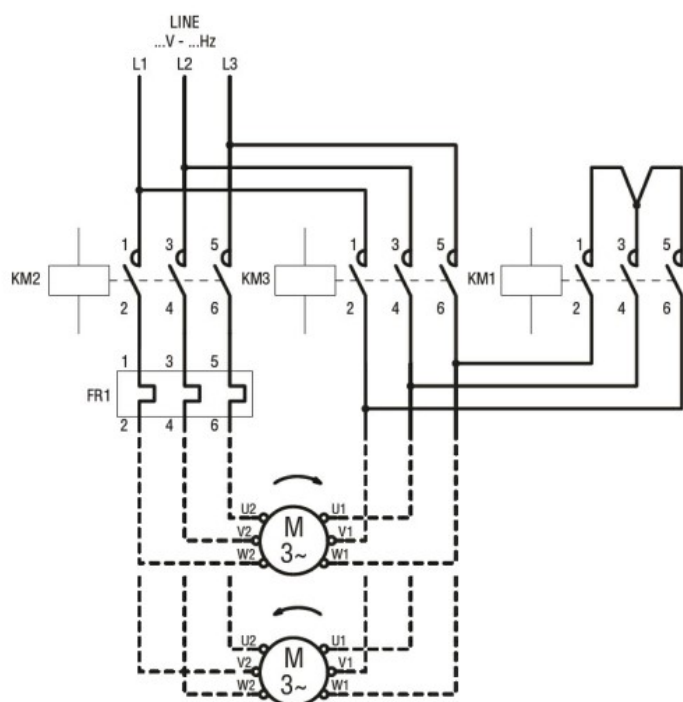
| Electrical features                  |                                 |      |     |
|--------------------------------------|---------------------------------|------|-----|
| Maximum operating current (≤440V)    | A                               | 22   |     |
| Components                           |                                 |      |     |
| Starter enclosure standard supplied  | M3PA70                          |      |     |
| Contactor standard supplied          | BF1210A,<br>BF1201A,<br>BF0910A |      |     |
| Thermal relay to purchase separately | RF38...                         |      |     |
| Auxiliary contact standard supplied  | BFX1020, ...,<br>BFX1011        |      |     |
| Contact characteristics              |                                 |      |     |
| IEC standard motor powers            | 230V                            | kW   | 5.5 |
|                                      | 400V                            | kW   | 11  |
|                                      | 440V                            | kW   | 11  |
|                                      | 500V                            | kW   | 11  |
| Mechanical features                  |                                 |      |     |
| Weight                               | g                               | 3540 |     |
| Ambient conditions                   |                                 |      |     |
| Operating temperature                | min                             | °C   | -25 |
|                                      | max                             | °C   | +60 |
| Storage temperature                  | min                             | °C   | -40 |
|                                      | max                             | °C   | +70 |
| Resistance & Protection              |                                 |      |     |
| Frontal IP degree                    | IP65                            |      |     |
| Dimensions                           |                                 |      |     |

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## Wiring diagrams

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#### ETIM classification

ETIM 8.0

EC001037 -  
Motor  
starter/Motor  
starter  
combination