SIEMENS

# ED43B125L

## Certificates

| | |
|---|---|
| Certificate of suitability | UL489 / IEC 60947-2 |

## Connections

| | |
|---|---|
| Type of electrical connection / for main current circuit | MECHANICAL LUGS |

## Electricity

| | |
|---|---|
| Continuous current / rated value | 125 A |

## Environmental Conditions

| | |
|---|---|
| Ambient temperature / during operation / minimum | -25 degC |
| Ambient temperature / during operation / maximum | 75 degC |

## Documents

Information and Instruction 1

## General Technical Data

| | |
|---|---|
| Operating voltage / rated value / maximum | 480 V |

## Mechanical Design

| | |
|---|---|
| Depth [in] | 3.92 in |
| Size of the circuit-breaker | ED (125A) |
| Height [in] | 6.35 in |
| Width [in] | 3 in |

Others 2

## Model

| | |
|---|---|
| Protective function of the overcurrent release | LI |
| Suitability for use | OVERLOAD AND SHORT CIRCUIT LINE PROTECTION |
| Design of the product | ED |
| Design of the overcurrent release | THERMAL - MAGNETIC |
| Product brand name | SIEMENS |
| Number of poles | 3 |
| Product designation | MOLDED CASE CIRCUIT BREAKER |
| Product sub brand name | SENTRON |

## Switching Capacity According To Ul 489

| | |
|---|---|
| Trip class | STANDARD |
| Maximum short-circuit current breaking capacity (Icu) / at 480 V / acc. to NEMA / rated value | 18 kA |
| Maximum short-circuit current breaking capacity (Icu) / at 240 V / acc. to NEMA / rated value | 65 kA |

## Delivery Information

| | |
|---|---|
| Export Control Class | AL : N / ECCN : EAR99 |
| Net Weight | 4.03 |
| Product_Dimensions (LxWxH) | 19.8X15.2X6.3 |

Drawing 3

## Additional Product Information

| | |
|---|---|
| EAN/UPC | 30783643236258 |
| Country of Origin | , MX, US |
| Commodity Code | 8536200020 |
| RoHS Compliance | *DQ |

## Product Selector Information

| | |
|---|---|
| AC Interrupt Rating @ (kA) | System Voltage = 240V and Interrupt rating = 65 \| System Voltage = 480V and Interrupt rating = 18 |
| Frame Amps | 125 |
| Trip Amps | 125 |
| Poles | 3 |
| % Rated | 80 |
| Trip Type | Thermal Magnetic |

Drawing 4

Cut Sheets 5