SIEMENS

# HED43B060




ED Frame Sentron Series Circuit Breakers are for use in individual enclosures, switchboards and panelboards. The breakers are available as thermal magnetic trip in types ED2, ED4, ED6 and HED4. ED frame breakers provide complete overload and short circuit protection by use of a time delay thermal trip element and an instantaneous magnetic trip element. All ED frame breakers are provided with load side lugs. Line side lugs may be added in the field if required. The catalog number for field added line side lugs for 15 Amp - 25 Amp circuit breakers is SA1E025. For 30 Amp - 100 Amp breakers the catalog number is LN1E100. For 110 Amp and 125 Amp, use TA1E6125. The CCE125 is the compression type lug for use on all ED frame breakers.

- 60 Amp rated
- All end frame breakers are provided with load side lugs
- All end frame breakers may be reverse connected
- Line side lugs are not included

## Documents

Cut Sheets 1

Speed Fax Sections 2

## Certificates

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

## Connections

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

## Electricity

| | |
|---|---|
| Continuous current / rated value | 60 A |

## Environmental Conditions

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

## General Technical Data

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

## Mechanical Design

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

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## 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 |

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## Switching Capacity According To Ul 489

| | |
|---|---|
| Trip class | HIGH |
| Maximum short-circuit current breaking capacity (Icu) / at 480 V / acc. to NEMA / rated value | 42 kA |
| Maximum short-circuit current breaking capacity (Icu) / at 240 V / acc. to NEMA / rated value | 100 kA |

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## Delivery Information

| | |
|---|---|
| Export Control Class | AL : N / ECCN : EAR99 |
| Net Weight | 3.745 |
| Product_Dimensions (LxWxH) | 19.6X15.4X6.3 |

## Additional Product Information

| | |
|---|---|
| EAN/UPC | 30783643210173 |
| Country of Origin | , MX, US |
| Commodity Code | 8536200020 |
| RoHS Compliance | *DQ |

Information and Instruction 6

## Product Selector Information

| | |
|---|---|
| AC Interrupt Rating @ (kA) | System Voltage = 120V and Interrupt rating = 100 \| System Voltage = 240V and Interrupt rating = 100 \| System Voltage = 480V and Interrupt rating = |

| | |
|---|---|
| | 42 |
| Frame Amps | 125 |
| DC Interrupt Rating @ (kA) | System Voltage = 250V and Interrupt rating = 30 |
| Trip Amps | 60 |
| Poles | 3 |
| % Rated | 80 |
| Trip Type | Thermal Magnetic |

Drawing 7

Drawing 8

Others 9

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