

Product datasheet

Specifications



Circuit breaker, GoPact MCCB 200, 3 poles, 36kA at 415VAC, 160A rating, TMD trip unit, adjustable thermal protection

G20F3A160

Main

| | |
|--|--|
| Range Of Product | GoPact MCCB |
| Product Or Component Type | Circuit breaker |
| Product Name | GoPact MCCB 200 |
| Device Application | Distribution |
| Poles Description | 3P |
| Protected Poles Description | 3D |
| [In] Rated Current | 160 A at 40 °C |
| [Ue] Rated Operational Voltage | 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2 |
| Utilisation Category | Category A |
| [Icu] Rated Ultimate Short-Circuit Breaking Capacity | 36 kA Icu at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Performance Level | F 36 kA 380/415 V AC |
| Trip Unit Name | TM-D |
| Trip Unit Technology | Thermal-magnetic |
| Trip Unit Protection Functions | LI |
| Control Type | Toggle |
| Circuit Breaker Mounting Mode | Fixed |

Complementary

| | |
|---|--|
| [Ui] Rated Insulation Voltage | 440 V AC conforming to EN/IEC 60947-2 |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to EN/IEC 60947-2 |
| [Ics] Rated Service Short-Circuit Breaking Capacity | 36 kA at 380/415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA at 220/230 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| Mechanical Durability | 30000 cycles |
| Electrical Durability | 8000 cycles at 415 V In |
| Power Dissipation Per Pole | 16 W |
| Mounting Support | Backplate |
| Mounting Position | Horizontal and vertical Flat on the back |
| Upside Connection | Front |
| Downside Connection | Front |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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|---|--|
| Connection Terminals | screw terminals |
| Connection Pitch | 25 mm |
| Protection Type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip Unit Rating | 160 A at 40 °C |
| Long-Time Pick-Up Adjustment Type Ir (Thermal Protection) | Adjustable |
| [Ir] Long-Time Protection Pick-Up Adjustment Range | 0.7...1 x In |
| Long-Time Protection Delay Adjustment Type Tr | Fixed |
| Instantaneous Protection Pick-Up Adjustment Type Ii | Fixed |
| [Ii] Instantaneous Protection Pick-Up Adjustment Range | 12 x In |
| Width (W) | 75 mm |
| Height (H) | 130 mm |
| Depth (D) | 60 mm |
| Net Weight | 0.9 kg |
| Colour | Grey (RAL 7035) |

Environment

| | |
|---------------------------------------|--|
| Standards | EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H |
| Overvoltage Category | III |
| Pollution Degree | 3 conforming to IEC 60664-1 |
| Ip Degree Of Protection | IP20 conforming to IEC 60529 |
| Ambient Air Temperature For Operation | -20...55 °C |
| Ambient Air Temperature For Storage | -35...85 °C |
| Operating Altitude | 0...2000 m without derating 2000...5000 m with derating |

Packing Units

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|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 13.6 cm |
| Package 1 Width | 8.5 cm |
| Package 1 Length | 13.9 cm |
| Package 1 Weight | 995 g |
| Unit Type Of Package 2 | S02 |
| Number Of Units In Package 2 | 8 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 8.275 kg |
| Unit Type Of Package 3 | P06 |

| | |
|-------------------------------------|----------|
| Number Of Units In Package 3 | 128 |
| Package 3 Height | 75 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 140.9 kg |

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Pvc Free

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)