

# Product data sheet

Specifications



Circuit breaker, MasterPacT MTZ3, ANSI, max 5000A rated, 3 pole, drawout mount, H3 breaking cap, 635VAC, w/o Micrologic trip unit, w/ ArcBlok

LV839312

## Main

|                           |                 |
|---------------------------|-----------------|
| Product name              | MasterPact MTZ3 |
| Device short name         | MTZ3 50 H3      |
| Product or component type | Circuit breaker |
| Device application        | Protection      |
| Poles description         | 3P              |
| Network type              | AC              |
| Network frequency         | 50/60 Hz        |
| Breaking capacity code    | H3              |

## Complementary

|                                          |                                                                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Control type                             | Push-button                                                                                                                     |
| Mounting mode                            | Drawout                                                                                                                         |
| Mounting support                         | Base plate<br>Rails                                                                                                             |
| [In] rated current                       | 5000 A 104 °F (40 °C)                                                                                                           |
| Circuit breaker CT rating                | 5000 A                                                                                                                          |
| performance level                        | 100 kA Icu 254 V AC 50/60 Hz ANSI C37.50<br>100 kA Icu 508 V AC 50/60 Hz ANSI C37.50<br>85 kA Icu 635 V AC 50/60 Hz ANSI C37.50 |
| Mechanical durability                    | 12500 cycles ANSI C37.50                                                                                                        |
| Electrical durability                    | 2800 cycles ANSI C37.50                                                                                                         |
| Connection pitch                         | 9.06 in (230 mm)                                                                                                                |
| [Icw] rated short-time withstand current | 85 kA 0.5 s ANSI C37.50                                                                                                         |
| Integral instant protection              | 171...209 kA                                                                                                                    |
| Rated breaking and making capacity       | 170 kA                                                                                                                          |
| Maximum breaking time                    | 25...30 ms                                                                                                                      |
| Maximum closing response time            | 70 ms                                                                                                                           |
| Height                                   | 18.8 in (478.1 mm)                                                                                                              |
| Width                                    | 31.07 in (789.1 mm)                                                                                                             |
| Depth                                    | 16.8 in (426.8 mm)                                                                                                              |

## Packing Units

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |     |
|----------------------------------------|-----|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic   | No  |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |     |
|--------------------------|-----|
| Take-back                | Nej |