# **Product data sheet**

Specifications





# Circuit breaker Masterpact MTZ3 50H, 5000 A, 3P fixed, without Micrologic

LV864675

#### Main

Range	MasterPact
Product Name	MasterPact MTZ3
Device Short Name	MTZ3 50 H
Product Or Component Type	Circuit breaker
Device Application	Protection
Poles Description	3P
Line Rated Current	5000 A 104 °F (40 °C)
[Ue] Rated Operational Voltage	240600 V AC 50/60 Hz
Control Type	Push-button
Mounting Mode	Fixed

#### Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	100 kA 240 V AC 50/60 Hz 100 kA 480 V AC 50/60 Hz 85 kA 600 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	85 kA 1 s IEC 60947-2
Integrated Instantaneous Protection (Din In Ka Peak)	75 kA
Sensor Rating	5000 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	12 kVIEC 60947-2
Maximum Breaking Time	30 ms
Maximum Closing Response Time	70 ms
Mounting Support	Base plate Rails
	Tuilo
Connection Pitch	4.53 in (115 mm)
Connection Pitch  Mechanical Durability	
	4.53 in (115 mm)
Mechanical Durability	4.53 in (115 mm)  10000 cycles with periodic preventive maintenance IEC 60947-2
Mechanical Durability Height	4.53 in (115 mm)  10000 cycles with periodic preventive maintenance IEC 60947-2  13.86 in (352 mm)

#### **Environment**

Ip Degree Of Protection IP30

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

Pollution Degree	3 IEC 60947-1
Ambient Air Temperature For Operation	-13158 °F (-2570 °C)
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)

# Ordering and shipping details Gtin 3606480840200

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1



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Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance



Rohs Exemption Information

Yes



Pvc Free

#### **Certifications & Standards**

California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Circularity Profile	End of Life Information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Environmental Disclosure	Product Environmental Profile
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information.
Eu Rohs Directive	Compliant with Exemptions
Reach Regulation	REACh Declaration