# **Product datasheet**

Specifications





circuit breaker Masterpact NW32H1 - 3200 A - 4 poles - fixed - w/o trip unit

48087

Price: 13,678,234.26 NGN

### Main

Range	MasterPacT
Product Name	MasterPact NW
Circuit Breaker Name	MasterPact NW32H1
Product Or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	4P
Neutral Position	Left
Control Unit	Without control unit
[In] Rated Current	3200 A at 40 °C
Performance Type	H1 65 kA 440 V AC
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Suitability For Isolation	Yes conforming to EN/IEC 60947-2
Selectivity Category	Category B
Control Type	Push-button
Mounting Mode	Fixed

### Complementary

[Icu] Rated Ultimate Short-Circuit Breaking Capacity	65 kA at 220/415 V AC 50/60 Hz 65 kA at 440 V AC 50/60 Hz 65 kA at 525 V AC 50/60 Hz 65 kA at 690 V AC 50/60 Hz
[Ics] Rated Service Breaking Capacity	65 kA at 220/415 V AC 50/60 Hz 65 kA at 440 V AC 50/60 Hz 65 kA at 525 V AC 50/60 Hz 65 kA at 690 V AC 50/60 Hz
[Icw] Rated Short-Time Withstand Current	65 kA 1 s 65 kA 3 s
[Icm] Rated Short-Circuit Making Capacity	143 kA 220/415 V AC at 50/60 Hz 143 kA 440 V AC at 50/60 Hz 143 kA 525 V AC at 50/60 Hz 143 kA 690 V AC at 50/60 Hz
Sensor Rating	1600 A 3200 A
[Ui] Rated Insulation Voltage	1000 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	12 kV
Power Dissipation In W	420 W

Maximum Breaking Time	25 ms
Maximum Closing Response Time	70 ms
Mounting Support	Backplate Rails
Upside Connection	Front Rear
Downside Connection	Front Rear
Connection Pitch	115 mm
Mechanical Durability	10000 cycles without maintenance 20000 cycles with maintenance
Electrical Durability	5000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-2 AC-23A: 5000 cycles 440 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-23A: 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3 AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to EN/IEC 60947-3
Height	352 mm
Width	537 mm
Depth	297 mm
Net Weight	65 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-2
Product Certifications	CE CCC EAC

### **Environment**

Ip Degree Of Protection	IP30 conforming to IEC 60529
Pollution Degree	4 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-4085 °C
Operating Altitude	02000 m without derating 2000 m5000 m with derating

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	30.5 cm
Package 1 Width	29.5 cm
Package 1 Length	49.5 cm
Package 1 Weight	47.252 kg

# **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

### Well-being performance

<b>②</b>	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