

# Huatech

Empowering A Greener Future

# LV COMPONENT

LiTEK / MeTEK / WeTEK



[www.huatechglobal.com](http://www.huatechglobal.com)

# DESCRIPTION

## WeTEK7 Air Circuit Breaker



- GB/T14048.2, IEC/EN60947-2
- The WeTEK7 series air circuit breakers are equipped with an electronic trip system and are available in both fixed and withdrawable designs. They are designed and tested for voltages of AC415V and AC690V
- WeTEK7 utilizes thermosetting composite resin material for its robust outer casing, which is characterized by high strength, excellent dielectric properties, and superior arc resistance
- Compact in size, they conserve installation space
- A comprehensive and diverse range of accessory series is provided
- A full spectrum of innovative electronic trip units (ETUs) is available

## MeTEK7 Molded Case Circuit Breaker



- GB/T14048.2, IEC/EN60947-2
- With multiple protection functions: distribution protection, motor protection
- The trip units are not only equipped with electronic types featuring complex communication functions but also include conventional thermal-magnetic types to cater to diverse requirements
- A variety of different accessories are available to meet the diverse application needs of customers
- The operating short circuit breaking capacity (Ics) is 100% of the ultimate short circuit breaking capacity (Icu)

# TECHNICAL PARAMETERS

## WeTEK7

Rated Current	400-6300 A
Rated Voltage	AC400V / AC415V / AC690V
Breaking Capacity	Ics=Icu=50, 66, 85, 100kA
Impulse Withstand Voltage	12kV
Quick Closing	Ensure the reliable operation of the impact load and extend the electrical life of the circuit breaker
Mechanical Life	15000 times
Electrical Life	8000 times
Environment	Operating temperature -35°C ~ 70°C
Humidity And Heat Resistance	Class 2 (humidity 55°C, relative humidity 95%)

## MeTEK7

Rated Current	16-800 A
Rated Voltage	AC400 V / AC415 V / AC690 V
Breaking Capacity	Ics=Icu=25, 36, 50, 65, 70kA
Impulse Withstand Voltage	8 kV
Quick Closing	Ensure the reliable operation of the impact load and extend the electrical life of the circuit breaker
Mechanical Life	40000 times
Electrical Life	8000 times
Environment	Operating temperature -35°C ~ 70°C
Humidity And Heat Resistance	Class 2 (humidity 55°C, relative humidity 95%)

# SELECTION LIST

## WeTEK7

	WeTEK	72	B	4C-	T	25	WH
	↓	↓	↓	↓	↓	↓	↓
	1	2	3	4	5	6	7







  

<p><b>01</b></p> <hr/>  <b>Product Type</b> Air circuit breaker <p><b>03</b></p> <hr/>  <b>Breaking Capacity</b> B=50kA N=66kA S=85kA H=100kA <p><b>05</b></p> <hr/>  <b>Trip Unit</b> E=ETU20/PTU20, Current type T=ETU30/PTU25, Power type <p><b>07</b></p> <hr/>  <b>Install Way</b> WH= Drawer type horizontal wiring FH= Fixed horizontal wiring WV= Drawer type vertical wiring FV= Fixed vertical wiring	<p><b>02</b></p> <hr/>  <b>Frame Size</b> 71=400-1600A 72=630-2500A 74=2000-4000A 76=4000-6300A <p><b>04</b></p> <hr/>  <b>Pole</b> 3C=3 poles 4C=4 poles <p><b>06</b></p> <hr/>  <b>Rated Current</b> 04=400A 06=630A 08=800A 10=1000A 12=1250A 16=1600A 20=2000A 25=2500A 32=3200A 40=4000A 50 =5000A 63=6300A
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## MeTEK7

	MeTEK7	2	B	4-	AX	200
	↓	↓	↓	↓	↓	↓
	1	2	3	4	5	6

<p><b>01</b></p> <hr/>  <b>Product Type</b> Moulded case circuit breaker <p><b>03</b></p> <hr/>  <b>Breaking Capacity</b> B=25kA C=36kA N=50kA E=55kA F=65kA H=70kA <p><b>05</b></p> <hr/>  <b>Trip Unit</b> AX= Thermomagnetic distribution protection M= Single magnetic motor protection EX= Electronic protection	<p><b>02</b></p> <hr/>  <b>Frame Size</b> 1=16-125A 2=100-250A 3=225-400A 4=400-630A 5=630-800A <p><b>04</b></p> <hr/>  <b>Pole</b> 3=3 poles 4=4 poles <p><b>06</b></p> <hr/>  <b>Rated Current</b> 16A-800A
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# DESCRIPTION

## LiTEK Miniature Circuit Breaker

- GB/T14048.2, IEC/EN60947-2
- White exterior, simple, elegant, and tasteful
- Environmentally friendly with low energy consumption, compliant with RoHS standards
- Full-specification silver contacts ensure reliable longevity
- Digitally developed for precise protection
- Automated manufacturing guarantees high product consistency



# TECHNICAL PARAMETERS

Rated Current	1,2,3,4,6,10,16,20,25,32,40,50,63
Rated Voltage	1/2/3/4P: 230/400V AC; 2/4P:250/1000V DC
Breaking Capacity	Icn=6000A(type-N) Icn=10000A(type-H)
Impulse Withstand Voltage	6kV
Current Limiting Class	3
Isolating Function	Break indication on handle
Mechanical Life	20000 times
Electrical Life	10000 times
Environment	Operating temperature -35°C ~ 70°C

# SELECTION LIST

LiTEK5   E   - 63   N /   2   C   25

↓   ↓   ↓   ↓   ↓   ↓   ↓

1   2   3   4   5   6   7

01



### Product Type

Miniature circuit breaker

02



### Frame Size

B= Circuit breaker (conventional)  
E= Electronic residual current operated circuit breaker  
N= 1PN circuit breaker

03



### Product Shell

40=40A; 63=63A

04



### Breaking Capacity

N=6kA; H=10kA

05



### Pole

1=1P 2=2P 3=3P 4=4P

06



### Trip Curve

B=B-Curve C=C-Curve D=D-Curve

07



### Rated Current

1A~63A

# Huatai



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