

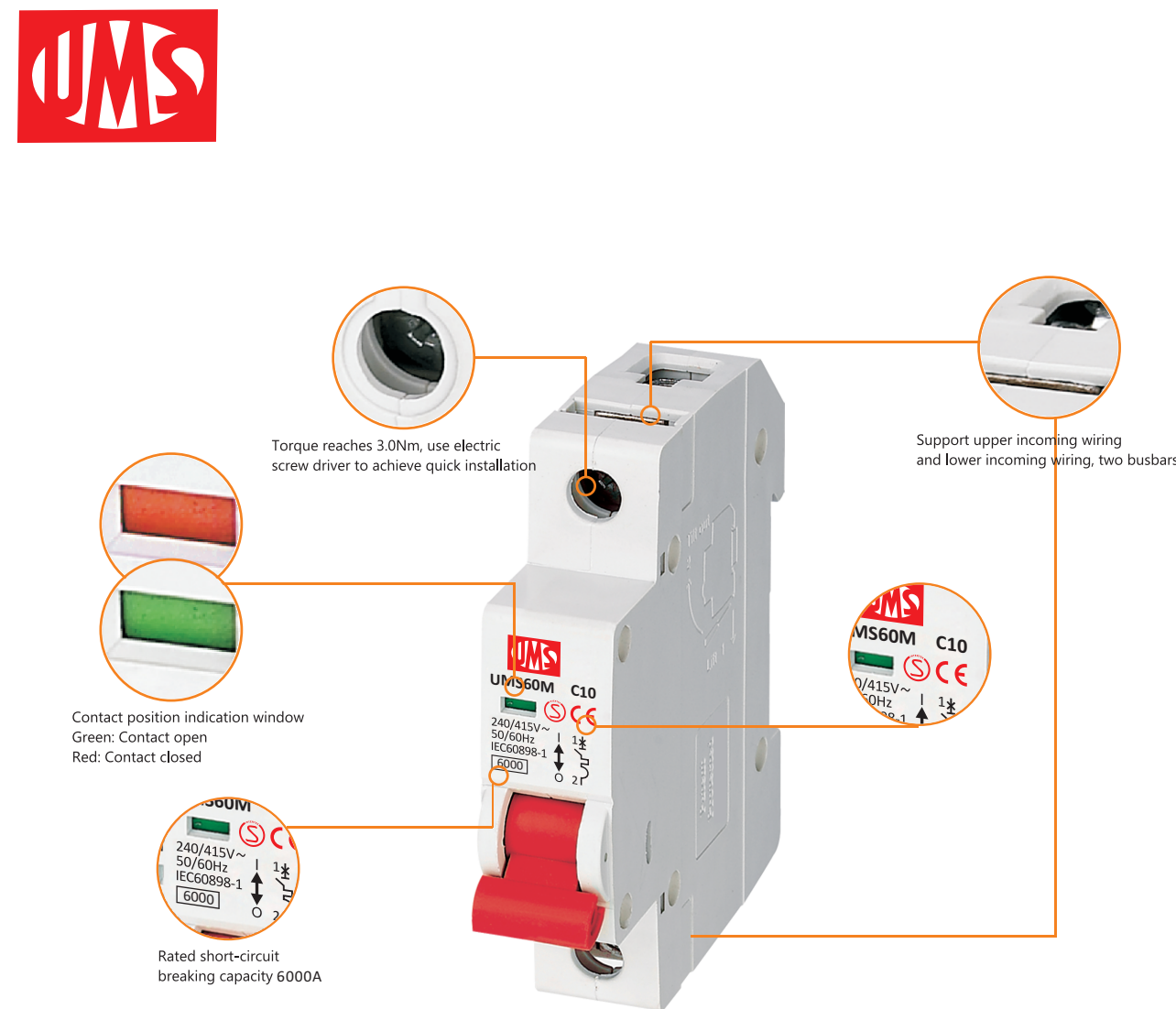


► UMS60M

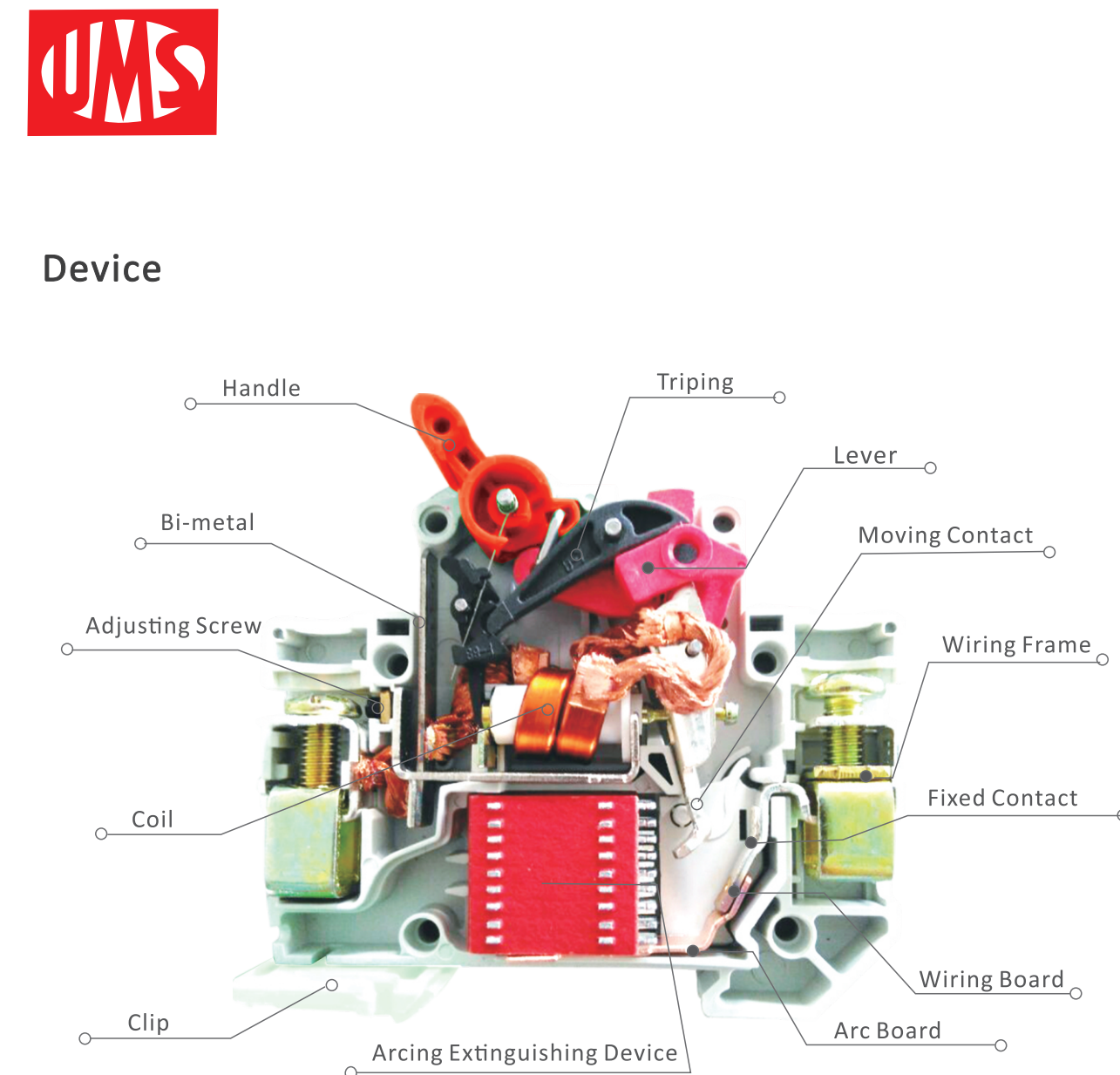
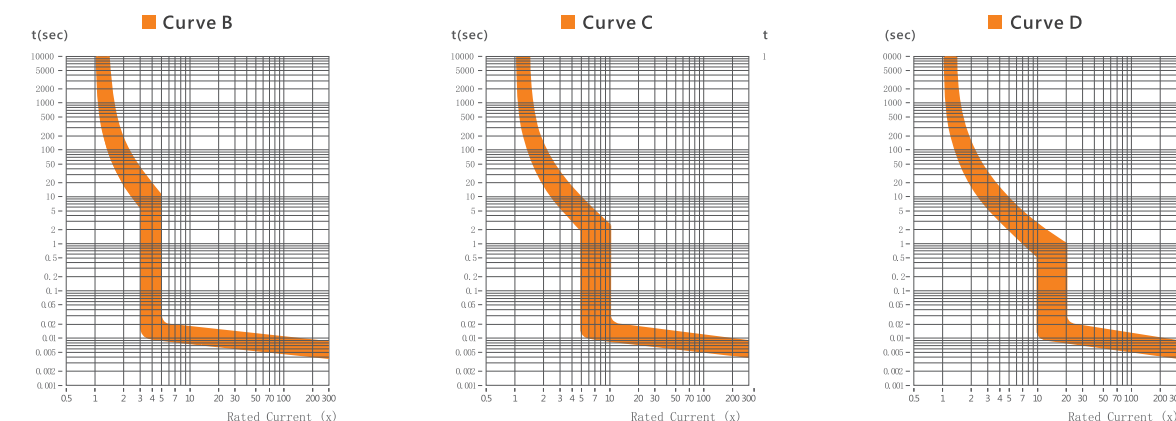
UMS60M MCB has the following functions 1-63A

- Short-circuit protection
- Isolation function
- Quick wiring function of busbar
- Support top incoming and bottom outgoing wiring type, or bottom incoming and top outgoing wiring type.
- Able to select electrical accessories and achieve distant indication of MCB condition: breaking, closed, and fault tripping.
- Able to select electrical accessories and realize under-voltage and over-voltage protection of MCB and distant shunt release.
- Overload protection
- Indication function of contact position
- Support 35mm Din-rail installation

UMS60M			
Product standard	IEC/EN 60898-1		
Certification			
Electrical Features	Installation		
Poles	1P, 2P, 3P, 4P	Protection degree	MCB Body IP20
Thermo-magnetic release characteristic	B, C, D	Protection degree	Installed in distribution box IP40
Rated current	In 1-63A	Reference temperature for setting of thermal element	30°C
Rated voltage	Ue 1P:220/415V~, 2/3/4P:415V~	Ambient temperature(with daily average e≤35°C)	-5~+50°C
Insulation voltage	Ui 500V	Storage temperature	-25~+70°C
Maximum working voltage	Umax 440V	Terminal connection type	Cable/Busbar
Minimum working voltage	Umin 12V	Terminal size top/bottom for cable	25mm ²
Rated impulse withstand voltage	Uimp 6kV	Terminal size top/bottom for busbar	16mm ²
Dielectric test voltage	2kV	Tightening torque	3.0
Rated frequency	50/60Hz	Connection	Top and Bottom
Rated breaking capacity	10kA	Combination with Accessories	
Pollution degree	2	Auxiliary contact	Yes
Electrical life	4000	Alarm contact	Yes
Mechanical life	10000	Shunt release	Yes
Contact position indicator	Yes	Under voltage release	Yes
Fault indication	No		



Characteristics Curve



Application

UMS60M serie has the following functions:

- Short-circuit protection
- Isolation function
- Overload Protection
- Indication function of contact position
- Support 35mm Din-rail installation
- Support top incoming and bottom outgoing wiring type, or bottom incoming and top outgoing wiring type.
- Able to select electrical accessories and achieve distant indication of MCB condition: breaking, closed, and fault tripping.
- Able to select electrical accessories and realize under-voltage and over-voltage protection of MCB and distant shunt release.

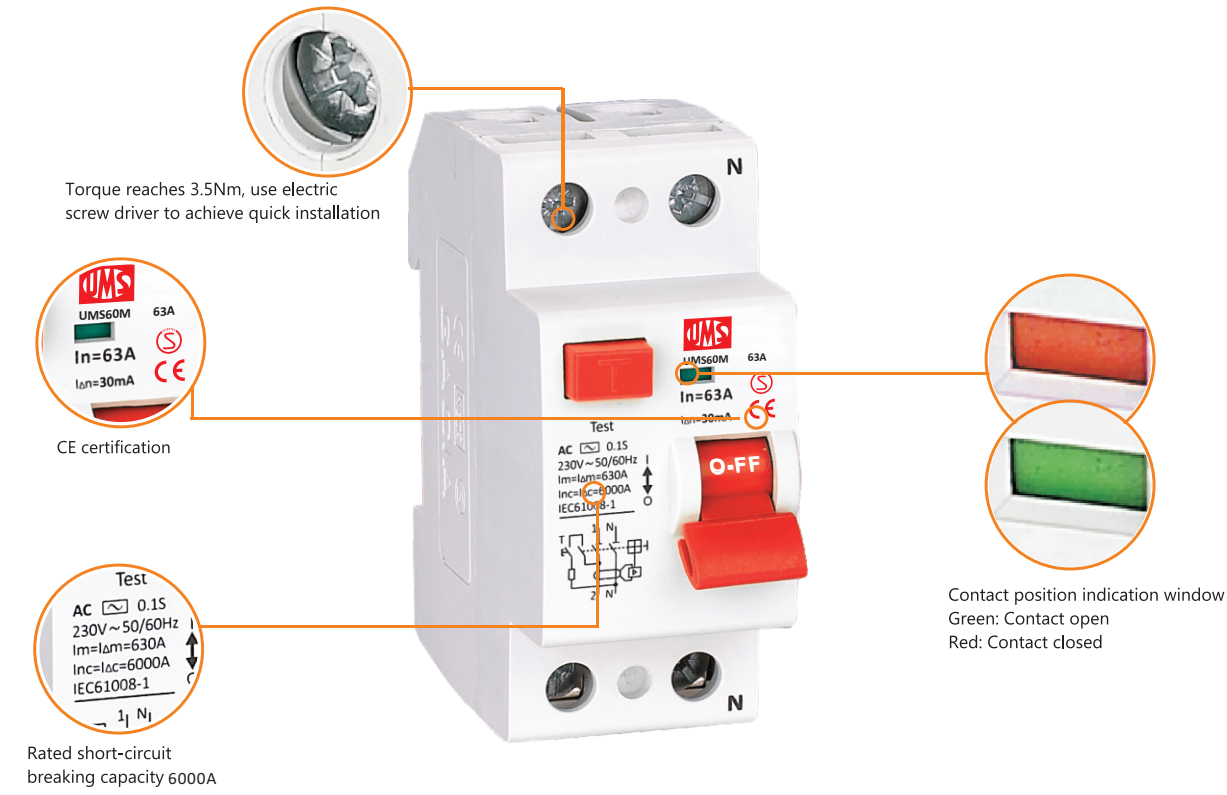


► UMS60M

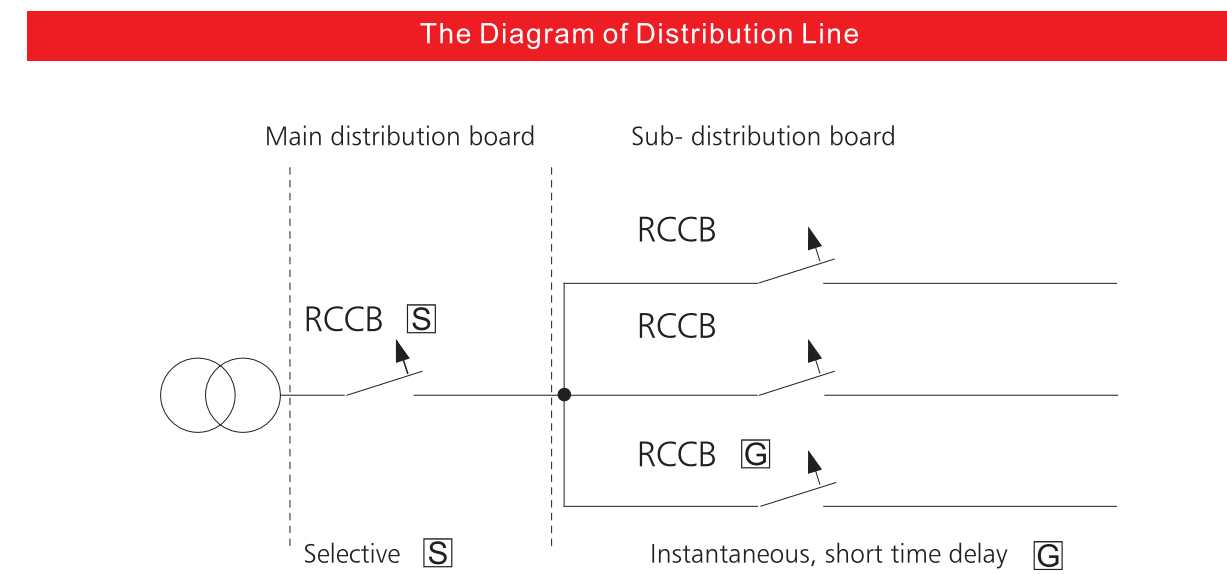
UMS60M RCCB has the following functions

- Leakage protection
- Electromagnetic type
- Leakage fault indication
- Support 35mm Din-rail installation
- Support top incoming and bottom outgoing wiring type, or bottom incoming and top outgoing wiring type.
- A type, AC type, AC+Stype
- Isolation function
- Quick wiring function of busbar

USM60M			
Product standard	IEC/EN 61008-1		
Certification			
Electrical Features	Installation		Auxiliary contact(AUX)
Poles	2P, 4P	Protection degree	Alarm contact(ALT)
Rated current(A)	In 16-63A	Protection degree	Contact position indicator
Rated working voltage(V)	Ue 2P:230,4P:400	Reference temperature for setting of thermal element	Fault indication
Rated insulated voltage(V)	Ui 500	Ambient temperature (with daily average e≤35°C)	Connection And Installation
Impulse withstand voltage(kV)	Uimp 6	Storage temperature	Ambient temperature
Rated short circuit breaking capacity(KA)	Inc/IΔn 6	Terminal connection type	(with daily average e≤35°C)
Rated residual current(mA)	IΔn 10,30,100,300	Terminal size top/bottom for cable	-50°C~+40°C
Rated residual making and breaking capacity IΔm	500(≤50A),630(63A)	Terminal size top/bottom for busbar	Protection ALL sides
Residual current working type	AC, A	Tightening torque	Connectin terminal
Residual current protection type	Electromagnetic	Connection	IP20
Dielectric test voltage(kV)	2, 5	Connection	Wire(mm2)
Service life	Mechanical Standard value 4000	Connection	Busbar(mm2)
(O-C)	Electrical Standard value 2000	Connection	25
Control And Indication		Pollution degree	Mounting
Shunt release(SHT)	-	Reference temperature for setting of thermal element	Cable/Busbar
Undervoltage release(UVT)	-	Storage temperature(°C)	30
		Connection	2
		Storage temperature(°C)	-25°C~+70°C
		Connection	Top and bottom

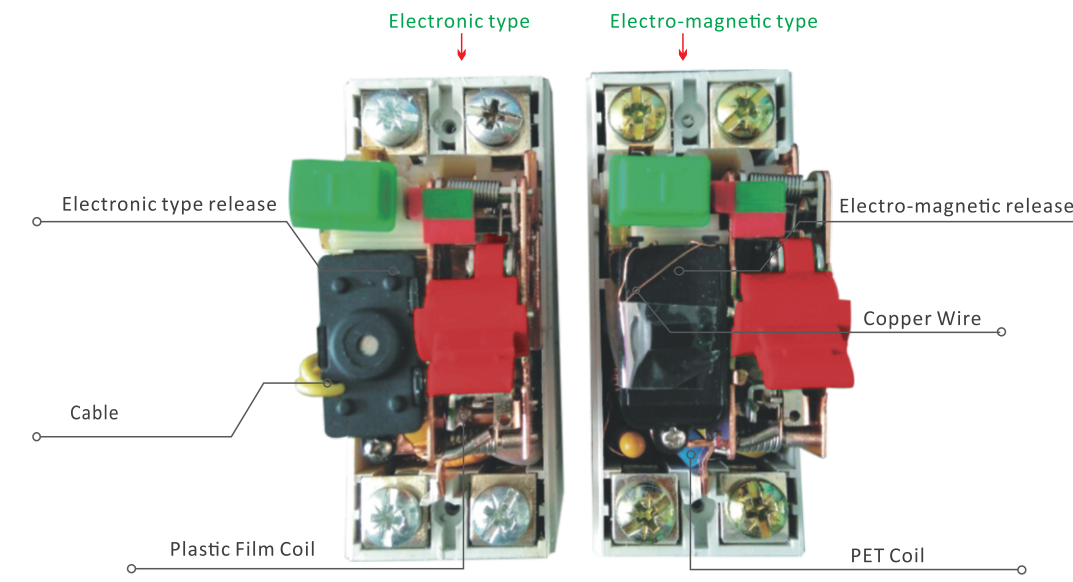


Connection Diagram

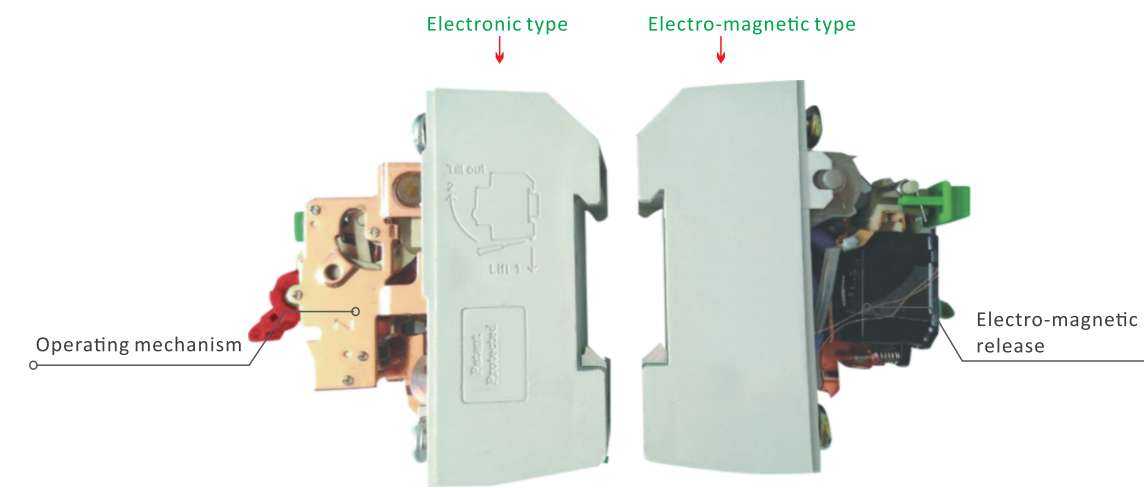


Device

Front View



Side View



Function

- Control electric circuits.
- Protect people against indirect contacts and additional protection against direct contacts.
- Protect installations against fire hazard due to insulation faults.
- Residual current circuit breakers are used in housing, tertiary sector and industry.
- Support 35mm Din-rail installation.



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