



The power within

Giving life to building infrastructures.

Circuit Protection Devices





The power within

What goes into a building? What's behind the four walls and all the comforts and convenience of a home that we experience every day? What we don't see is a myriad of inner works that breathe life to a building.

This is where CCM plays its part, behind every building infrastructure. Our pride is empowering contractors, architects and distributors to effectively deliver electricity, light and data to spaces where people work, live and play, in the office, at the malls, and most of all, in the comfort of their homes.

We create innovation and practical, value-driven solutions to our clients. This, is our power within, to help our clients.

The CCM difference



High performance products at affordable prices

We have a whole range of proven product superiority and are a key manufacturer and supplier of electrical accessories, at prices that are competitive.



Value-driven solutions with our focus on cost efficiencies

We know what our clients need to succeed and we deliver - meeting their deadlines, their specific requirements, with cost efficiencies that ensure they never have to pay more than they should.



Strong focus on R&D

We believe what is good, can even be better. That's why we innovate through constant R&D.



Highly supportive team

Supporting you and supporting each other. We never think twice about going beyond what is expected of us.

Miniature Circuit Breaker 6kA Single Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1
Breaking Capacity	6kA
Operational Voltage	240V AC
Frequency	50/60Hz
Rated Current	6-63A
Max. Wiring Capacity	25mm ²
Tripping Curves	B and C curves

Type B & C

- CMTxxx – Type B tripping
- CMUxxx – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6A	CMT106	CMU106	18	12
10A	CMT110	CMU110	18	12
16A	CMT116	CMU116	18	12
20A	CMT120	CMU120	18	12
25A	CMT125	CMU125	18	12
32A	CMT132	CMU132	18	12
40A	CMT140	CMU140	18	12
63A	CMT163	CMU163	18	12

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Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.

Miniature Circuit Breaker 6kA Double Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1
Breaking Capacity	6kA
Operational Voltage	415V AC
Frequency	50/60Hz
Rated Current	6-63A
Max. Wiring Capacity	25mm ²
Tripping Curves	B and C curves

Type B & C

- CMTxxx – Type B tripping
- CMUxxx – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6A	CMT206	CMU206	36	6
10A	CMT210	CMU210	36	6
16A	CMT216	CMU216	36	6
20A	CMT220	CMU220	36	6
25A	CMT225	CMU225	36	6
32A	CMT232	CMU232	36	6
40A	CMT240	CMU240	36	6
63A	CMT263	CMU263	36	6

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Miniature Circuit Breaker 6kA Triple Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1
Breaking Capacity	6kA
Operational Voltage	415V AC
Frequency	50/60Hz
Rated Current	6-63A
Max. Wiring Capacity	25mm ²
Tripping Curves	B and C curves

Type B & C

- CMTxxx – Type B tripping
- CMUxxx – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6A	CMT306	CMU306	54	4
10A	CMT310	CMU310	54	4
16A	CMT316	CMU316	54	4
20A	CMT320	CMU320	54	4
25A	CMT325	CMU325	54	4
32A	CMT332	CMU332	54	4
40A	CMT340	CMU340	54	4
63A	CMT363	CMU363	54	4

Miniature Circuit Breaker 10kA Single Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1
Breaking Capacity	10kA
Operational Voltage	230V AC
Frequency	50/60Hz
Rated Current	6-63A
Max. Wiring Capacity	25mm ²
Tripping Curves	B and C curves

Type B & C

- **CNBxxx** – Type B tripping
- **CNCxxx** – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6A	CNB106	CNC106	18	12
10A	CNB110	CNC110	18	12
16A	CNB116	CNC116	18	12
20A	CNB120	CNC120	18	12
25A	CNB125	CNC125	18	12
32A	CNB132	CNC132	18	12
40A	CNB140	CNC140	18	12
63A	CNB163	CNC163	18	12

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Miniature Circuit Breaker 10kA Double Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1 (≤63A) IEC-60947-2 (≥80A)
Breaking Capacity	10kA
Operational Voltage	400V AC
Frequency	50/60Hz
Rated Current	6-100A
Max. Wiring Capacity	25mm ² (≤ 63A) 50mm ² (≥ 80A)
Tripping Curves	B and C curves

Type B & C

- **CNBxxx(x)** – Type B tripping
- **CNCxxx(x)** – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6/10A	CNB206/210	CNC206/210	36	6
16/20A	CNB216/220	CNC216/220	36	6
25A	CNB225	CNC225	36	6
32A	CNB232	CNC232	36	6
40A	CNB240	CNC240	36	6
63A	CNB263	CNC263	36	6
80A	CNB280	CNC280	54	6
100A	CNB2100	CNC2100	54	6

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Miniature Circuit Breaker 10kA Triple Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1 (≤63A) IEC-60947-2 (≥80A)
Breaking Capacity	10kA
Operational Voltage	400V AC
Frequency	50/60Hz
Rated Current	6-100A
Max. Wiring Capacity	25mm ² (≤ 63A) 50mm ² (≥ 80A)
Tripping Curves	B and C curves

Type B & C

- **CNBxxx(x)** – Type B tripping
- **CNCxxx(x)** – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6/10A	CNB306/310	CNC306/310	54	4
16/20A	CNB316/320	CNC316/320	54	4
25A	CNB325	CNC325	54	4
32A	CNB332	CNC332	54	4
40A	CNB340	CNC340	54	4
63A	CNB363	CNC363	54	4
80A	CNB380	CNC380	81	4
100A	CNB3100	CNC3100	81	4

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Miniature Circuit Breaker 10kA Four Pole MCB

Protection and control against overload currents and short-circuit currents in domestic, commercial and industrial applications.



Technical Info

Standard Specification	IEC-60898-1 (≤63A) IEC-60947-2 (≥80A)
Breaking Capacity	10kA
Operational Voltage	400V AC
Frequency	50/60Hz
Rated Current	6-100A
Max. Wiring Capacity	25mm ² (≤ 63A) 50mm ² (≥ 80A)
Tripping Curves	B and C curves

Type B & C

- **CNBxxx(x)** – Type B tripping
- **CNCxxx(x)** – Type C tripping

Stock Code

Rating (In)	Type B Curve	Type C Curve	Width (mm)	Quantity per box
6/10A	CNB406/410	CNC406/410	72	3
16/20A	CNB416/420	CNC416/420	72	3
25A	CNB425	CNC425	72	3
32A	CNB432	CNC432	72	3
40A	CNB440	CNC440	72	3
63A	CNB463	CNC463	72	3
80A	CNB480	CNC480	108	3
100A	CNB4100	CNC4100	108	3

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Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.

Residual Current Device Double Pole RCCB/ELCB

Protection against earth and current leakage between phase and neutral. Protection of persons against electric shock and installations against risks of fire. Suitable for use in residential, commercial and industrial installations.



Technical Info

Standard Specification	IEC-61008-1 SS97 (30mA)
Sensitivity	10mA 30mA 100mA 300mA
Operational Voltage	240V AC
Frequency	50/60Hz
Rated Current	10-100A*
Max. Wiring Capacity	25mm ² (≤ 63A) 35mm ² (≥ 80A)

Type AC

- CCCxxx = 10mA
- CCDxxx(x) = 30mA
- CCExxx(x) = 100mA
- CCFxxx(x) = 300mA

Stock Code

Rating (In)	High Sensitivity 10mA	High Sensitivity 30mA	Medium Sensitivity 100mA	Low Sensitivity 300mA	Standard Packing
16A	CCC216	-	-	-	1
25A	-	CCD225	-	-	1
40A	-	CCD240	CCE240	CCF240	1
63A	-	CCD263	CCE263	CCF263	1
80A	-	CCD280	CCD280	CCF280	1
100A	-	CCD2100	CCE2100	CCF2100	1

Residual Current Device Four Pole RCCB/ELCB

Protection against earth and current leakage between phase and neutral. Protection of persons against electric shock and installations against risks of fire. Suitable for use in residential, commercial and industrial installations.



Technical Info

Standard Specification	IEC-61008-1 SS97 (30mA)
Sensitivity	30mA 100mA 300mA
Operational Voltage	415V AC
Frequency	50/60Hz
Rated Current	10-100A*
Max. Wiring Capacity	25mm ² (≤ 63A) 35mm ² (≥ 80A)

Type AC

- CCDxxx(x) = 30mA
- CCExxx(x) = 100mA
- CCFxxx(x) = 300mA

Stock Code

Rating (In)	High Sensitivity 30mA	Medium Sensitivity 100mA	Low Sensitivity 300mA	Standard Packing
40A	CCD440	CCE440	CCF440	1
63A	CCD463	CCE463	CCF463	1
80A	CCD480	CCE480	CCF480	1
100A	CCD4100	CCE4100	CCF4100	1

*Models with lower rated current are available. Please speak to our friendly sales consultants.

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