



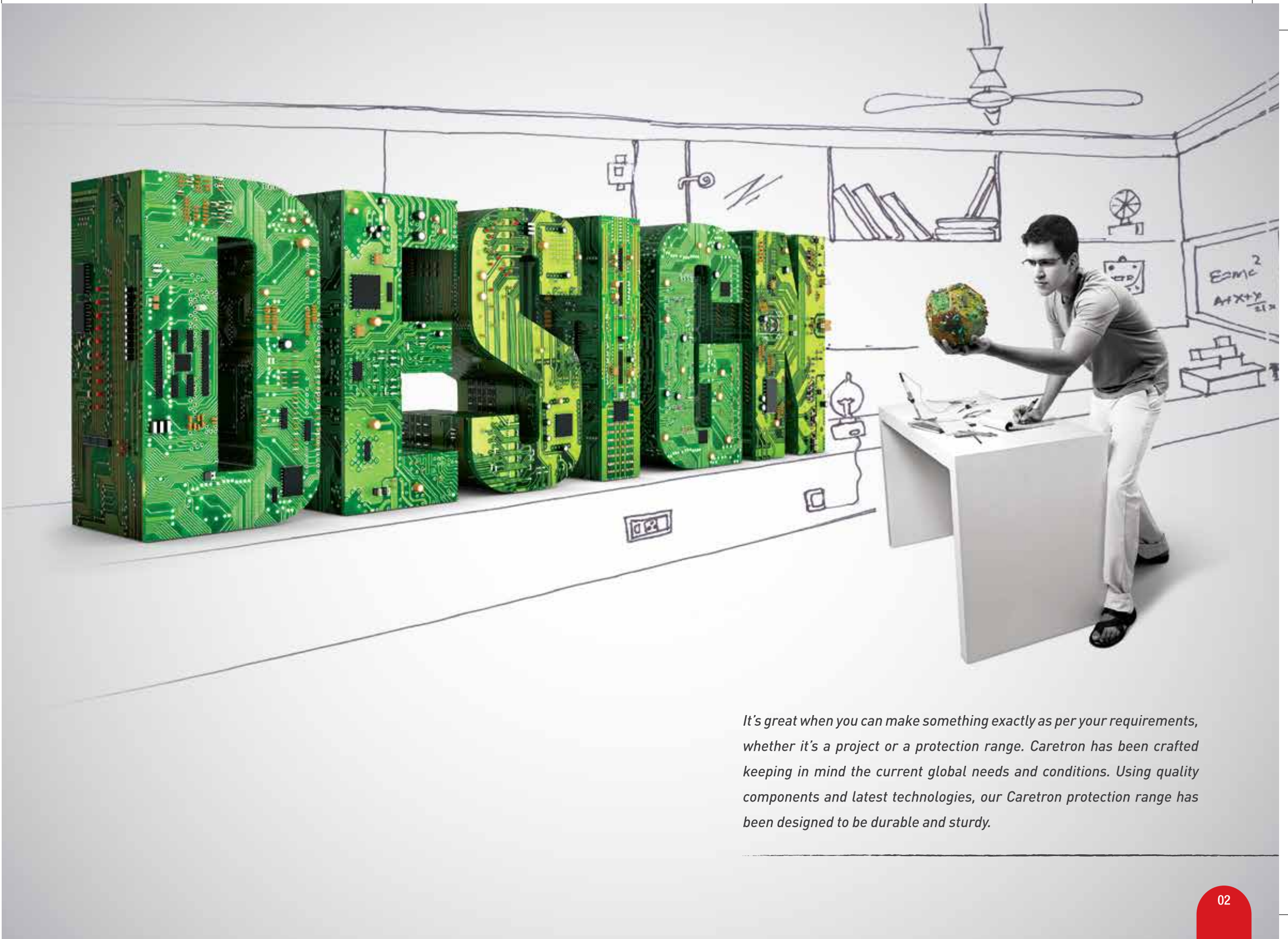
CaretronTM
Made for You

INDOASIANTM
MAKES SENSE

Indo Asian is not a new name when it comes to safeguarding your happiness. With over 60 years of experience, we are a trusted brand that has changed with the changing global conditions. Indo Asian provides complete protection through an extensive range of products.

As believers of innovation, we give you products with quality and performance that offer value for your money. Our Caretron range has been designed specifically after studying the global electrical needs, to give modern world the protection it deserves.

Crafted with quality components and innovative technology, Caretron lives up to its name by ensuring a shock-free environment for global homes, and treating your electrical goods with the care they need. A combination of quality design and value for money, Caretron is a sensible choice that has been made just for You.



It's great when you can make something exactly as per your requirements, whether it's a project or a protection range. Caretron has been crafted keeping in mind the current global needs and conditions. Using quality components and latest technologies, our Caretron protection range has been designed to be durable and sturdy.



In this fast-paced life, we understand the importance of safety. While one speeds ahead on the roads of daily struggles and progress, wearing a helmet ensures safety and protection. Just like a helmet, the new Caretron range is built to ensure a safe and protected environment.



After a certain age, it's our experience that speaks for us. Having known the world and witnessed the change, we know what to trust. Just like a walking stick- the one thing we don't mind relying on, because it supports us and is our everyday reliance. Similarly, Indo Asian, with its extensive experience has been reinventing itself, staying reliable and relevant in the changing global conditions. Staying up-to-date, we now present the Caretron range, engineered specifically to match the requirements of new world.



Whether you're a child buying a balloon or an adult contemplating electrical protection, it's always best to have a variety of products to meet your every requirement. For protection requirements, Caretron offers you a wide spectrum of products ranging from MCBs, Isolators to RCCBs, ensuring complete and all-round protection.

Caretron Features

Range

The Caretron range offers you a wide variety of products like MCBs, Isolators and RCCBs, ensuring end-to-end safety.



CE Marking

The CE marking on our Caretron range guarantees the quality tests our products have been through, making it a dependable choice.



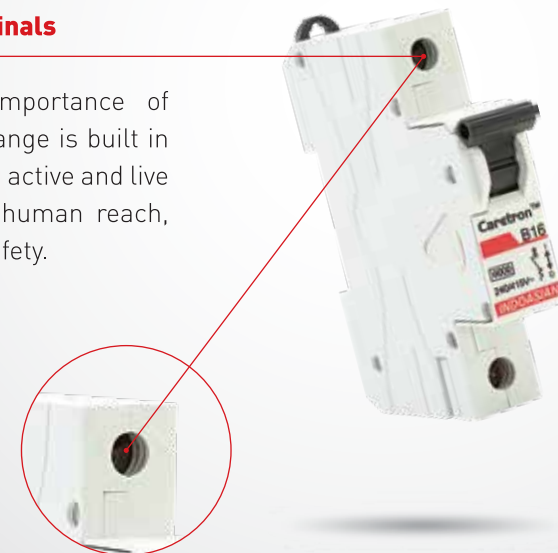
Improved Mechanism

The Caretron range promises quality at a reasonable price. Its simple design and fine quality components assure long-lasting performance.



IP 20 Protected Terminals

Understanding the importance of safety, our Caretron range is built in such a way, that all the active and live parts are away from human reach, ensuring operator's safety.



Caretron Features

Bi- Connect Terminals

The Caretron range provides flexibility when it comes to connection. It gives you the option to connect either by using a busbar or a cable.



Clear Markings

The Caretron range has been printed using the latest technology to give a clear and a long-lasting front face marking. The technical parameters, On/Off symbols along with the brand and the range name, have been clearly marked on the entire range. This marking also helps enhance the design appeal of this range.



Dual Position Clamp

The dual position clamp on the top of our Caretron range provides ease of installation. The ergonomically designed clamp is long-lasting and durable.



Terminal Size

The terminal size in our Caretron range is adaptive to cable size up to 25 sq mm. It offers convenience and flexibility while wiring. The terminals are designed to hold cables tightly which avoids loose connection.





Energy Efficiency

Circuit breakers B and C curves									
Rated Current	06A	10A	16 A	20A	25A	32A	40A	50A	63A
Caretron Power Loss (Watt)	0.85	1.7	2.7	2.6	2.4	4.4	4.5	5.5	6.5
As per IS/IEC 60898-1	3	3	3.5	4.5	4.5	6	7.5	9	13

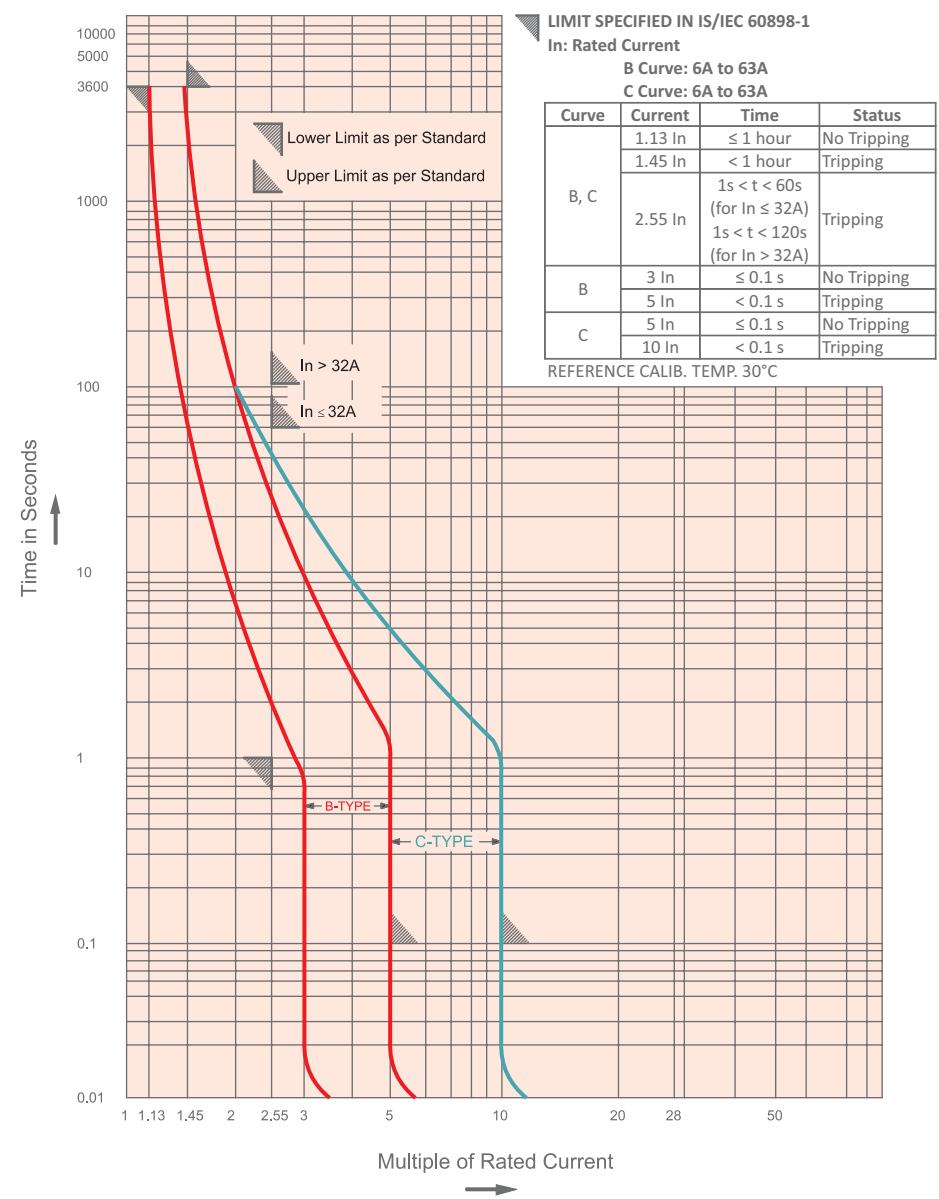
De-rating of circuit-breakers:

	Ambient Temperature / In									
In (A)	- 25°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
6	7.5	7	6.6	6.4	6.2	6	5.8	5.6	5.4	5.3
10	12.5	11.5	11.1	10.7	10.3	10	9.7	9.3	9	8.7
16	20	18.7	18	17.3	16.6	16	15.4	14.7	14.1	13.5
20	25	23.2	22.4	21.6	20.8	20	19.2	18.4	17.6	16.8
25	31.5	29.5	28.3	27.2	26	25	24	22.7	21.7	20.7
32	41	37.8	36.5	34.9	33.3	32	30.7	29.1	27.8	26.5
40	51	48	46	44	42	40	38	36	34	32
50	64	60	57.5	55	52.5	50	47.5	45	42.5	40
63	80.6	75.6	72.5	69.9	66.1	63	59.8	56.1	52.9	49.7

Reference temperature: 30°C according to standard IS/IEC 60898-1

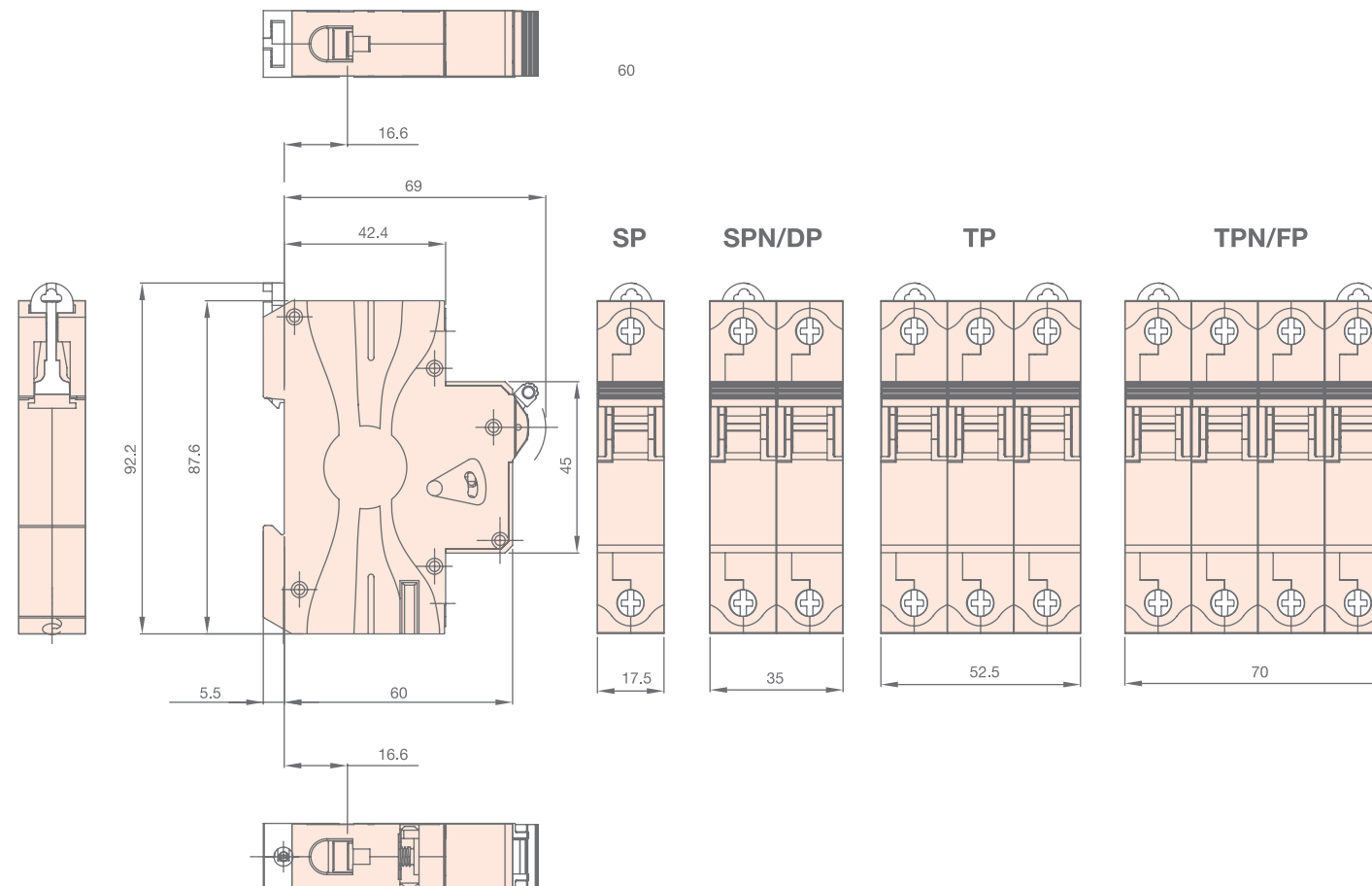
Technical Characteristics

Tripping Characteristics Curve: Type - B & C



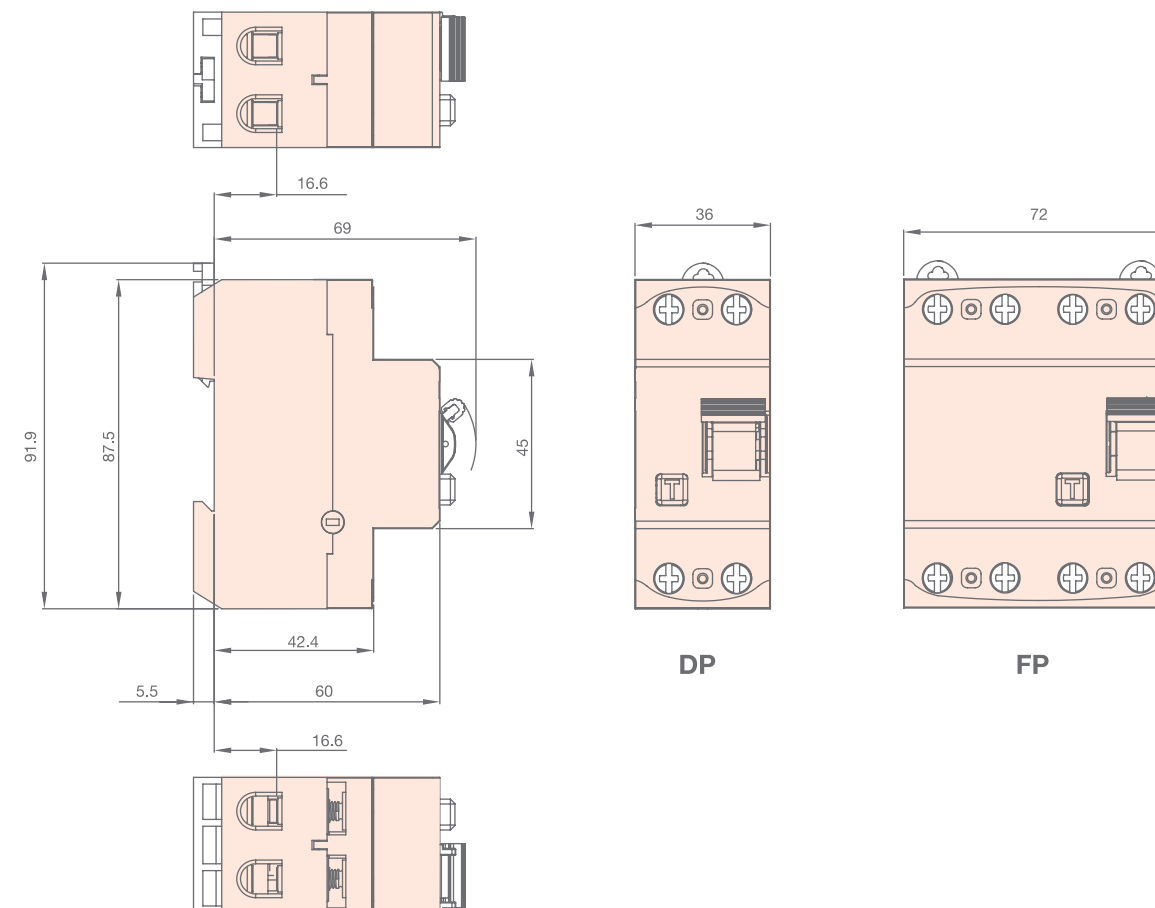
Dimensions

Miniature Circuit Breaker & Isolator



Dimensions

Residual Current Circuit Breaker



Miniature Circuit Breaker - MCB

- Confirms to IEC 60898 -1
- Degree of Protection IP 20
- 25 sq. mm Terminals
- Breaking Capacity 6kA
- CE marked
- Bi-Connect Terminals
- Positive Isolation
- Frequency 50Hz
- Operating Voltage 240V / 415V AC, 60V DC per Pole

 B Curve Single Pole	Cat. Nos.	Rating (A)	Pack
	810000	6	1/12/120
	810001	10	1/12/120
	810002	16	1/12/120
	810003	20	1/12/120
	810004	25	1/12/120
	810005	32	1/12/120
	810006	40	1/12/120
	810007	50	1/12/120
	810008	63	1/12/120

 B Curve Double Pole	Cat. Nos.	Rating (A)	Pack
	810018	6	1/6/60
	810019	10	1/6/60
	810020	16	1/6/60
	810021	20	1/6/60
	810022	25	1/6/60
	810023	32	1/6/60
	810024	40	1/6/60
	810025	50	1/6/60
	810026	63	1/6/60

 B Curve Single Pole Neutral	Cat. Nos.	Rating (A)	Pack
	810009	6	1/6/60
	810010	10	1/6/60
	810011	16	1/6/60
	810012	20	1/6/60
	810013	25	1/6/60
	810014	32	1/6/60
	810015	40	1/6/60
	810016	50	1/6/60
	810017	63	1/6/60

 C Curve Single Pole	Cat. Nos.	Rating (A)	Pack
	810054	6	1/12/120
	810055	10	1/12/120
	810056	16	1/12/120
	810057	20	1/12/120
	810058	25	1/12/120
	810059	32	1/12/120
	810060	40	1/12/120
	810061	50	1/12/120
	810062	63	1/12/120

Miniature Circuit Breaker - MCB

- Confirms to IEC 60898 -1
- Degree of Protection IP 20
- 25 sq. mm Terminals
- Breaking Capacity 6kA
- CE marked
- Bi-Connect Terminals
- Positive Isolation
- Frequency 50Hz
- Operating Voltage 240V / 415V AC, 60V DC per Pole



**C Curve
Single Pole Neutral**

Cat. Nos.	Rating (A)	Pack
810063	6	1/6/60
810064	10	1/6/60
810065	16	1/6/60
810066	20	1/6/60
810067	25	1/6/60
810068	32	1/6/60
810069	40	1/6/60
810070	50	1/6/60
810071	63	1/6/60



**C Curve
Three Pole**

Cat. Nos.	Rating (A)	Pack
810081	6	1/4/40
810082	10	1/4/40
810083	16	1/4/40
810084	20	1/4/40
810085	25	1/4/40
810086	32	1/4/40
810087	40	1/4/40
810088	50	1/4/40
810089	63	1/4/40



**C Curve
Double Pole**

Cat. Nos.	Rating (A)	Pack
810072	6	1/6/60
810073	10	1/6/60
810074	16	1/6/60
810075	20	1/6/60
810076	25	1/6/60
810077	32	1/6/60
810078	40	1/6/60
810079	50	1/6/60
810080	63	1/6/60



**C Curve
Three Pole Neutral**

Cat. Nos.	Rating (A)	Pack
810090	6	1/3/30
810091	10	1/3/30
810092	16	1/3/30
810093	20	1/3/30
810094	25	1/3/30
810095	32	1/3/30
810096	40	1/3/30
810097	50	1/3/30
810098	63	1/3/30

Miniature Circuit Breaker - MCB



**C Curve
Four Pole**

Cat. Nos.	Rating (A)	Pack
810099	6	1/3/30
810100	10	1/3/30
810101	16	1/3/30
810102	20	1/3/30
810103	25	1/3/30
810104	32	1/3/30
810105	40	1/3/30
810106	50	1/3/30
810107	63	1/3/30

Isolator • Confirms to IS / IEC 60947-3 • Bi-Connect Terminals • Positive Isolation
• Degree of Protection IP 20 • 25 sq. mm Terminals

Double Pole



Cat. Nos.	Rating (A)	Pack
810130	40	1/6/60
810131	63	1/6/60

Three Pole



Cat. Nos.	Rating (A)	Pack
810132	40	1/4/40
810133	63	1/4/40

Four Pole



Cat. Nos.	Rating (A)	Pack
810134	40	1/3/30
810135	63	1/3/30

Residual Current Circuit Breaker - RCCB

- Confirms to IS 12640 -1 & IEC 61008 -1
- Degree of Protection IP 20
- Bi-Connect Terminals
- Short Circuit Withstand Capacity of 6kA
- 25 sq. mm Terminals
- CE marked



Double pole

Cat. nos.	Rating (A)	Sensitivity	Pack
810150	25	30 mA	1/80
810153	25	100 mA	1/80
810156	25	300 mA	1/80
810151	40	30 mA	1/80
810154	40	100 mA	1/80
810157	40	300 mA	1/80
810152	63	30 mA	1/80
810155	63	100 mA	1/80
810158	63	300 mA	1/80

Four Pole



Cat. nos.	Rating (A)	Sensitivity	Pack
810159	25	30 mA	1/48
810162	25	100 mA	1/48
810165	25	300 mA	1/48
810160	40	30 mA	1/48
810163	40	100 mA	1/48
810166	40	300 mA	1/48
810161	63	30 mA	1/48
810164	63	100 mA	1/48
810167	63	300 mA	1/48



Indoasian's network of channel partners and distributors span 60 countries in Africa, Middle East, Far East, Asia Pacific, Europe and Oceania.



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WARRANTY:

IA products carry a warranty against manufacturing defects, subject to use of the product for the right application, with correct wiring/connection and normal operating conditions. Please refer to detailed Indo Asian warranty policy effective 1st April 2008.

MCBs 36 months* Isolator 36 months* RCCBs 18 months* DBs 2 months*

**From the date of manufacture.*

CHANNEL PARTNER: