

Catalogue No: **DTCBD6220C**

MCB DIN-T6 2-IN-1 6kA 20A 2P 18mm WIDTH

Power Distribution and Protection > Circuit Breakers > Miniature Circuit Breakers and Earth Leakage Protection (RCDs and RCBOs) > DIN-T Miniature Circuit Breakers > DIN-T6 2-in-1 > 2-Pole - Single Module Width (18mm)



Representative Photo Only
(actual product may vary based on configuration selections)

MCB 6KA 20A 2P 18MM 2-1DIN

- Complies with AS/NZS 60898
- DIN-T6 2-in-1 MCBs feature 6kA short circuit rating
- C-Curve For general purpose light and power applications
- Saves up to 50% of space
- Suits pole-covers and loadcentres
- Approval No. NSW24783 or RCM

SPECIFICATIONS

Product Series	DIN-T
Component Type Power Distribution & Protection	MCB
Trip Curve	C
In, Rated Current at 30°C	20 A @30°C
Poles	2P
Neutral Pole Protected	Yes
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	415 V AC
Un, Nominal Operational Voltage(s), AC	400 V AC 415
Un, Nominal Operational Voltage, DC	96 V DC
Details, Trip Characteristics	@400Hz = 1.5 x mag. trip; @DC = 1.4 x mag. trip
U _{bmin} , Service Voltage, AC, Min	12 V AC
U _{bmax} , Service Voltage, AC, Max	440 V AC
U _{bmin} , Service Voltage, DC, Min	12 V DC
U _{bmax} , Service Voltage, DC, Max	120 V DC
Isolator Application, IEC 60947-2	Y
Impulse Withstand Test Voltage	6 kV
Insulation Resistance	10000 MΩ
Dielectric Strength	2.5kV V AC
Electrical Service Life at Un, In	10000 cycles
Mechanical Service Life	20000 cycles
Utilisation Category	A
IP Rating, Inside	IP40
IP Rating, Outside	
Flammability Rating (UL94)	UL 94 V-2
Wire / Conductor Size, Rigid Cable, In, Min	1 mm ² In
Wire / Conductor Size, Rigid Cable, Top, Max	16 mm ² Top

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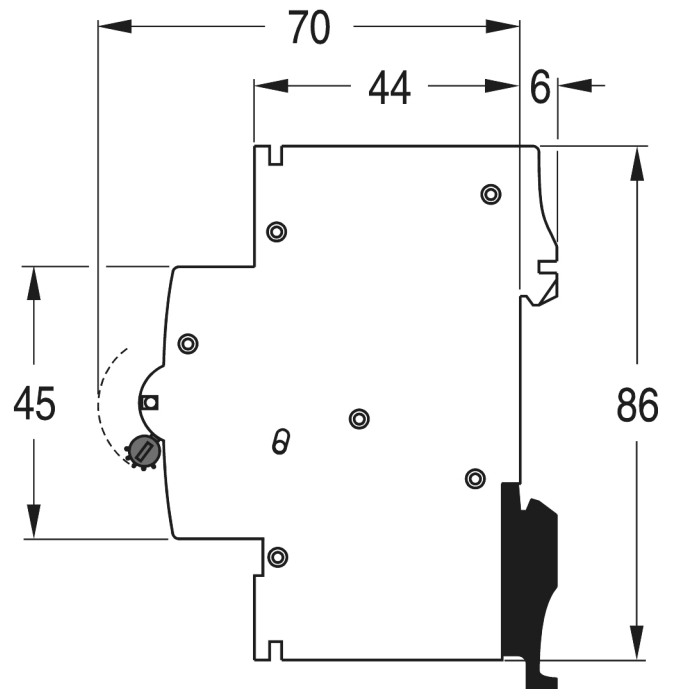
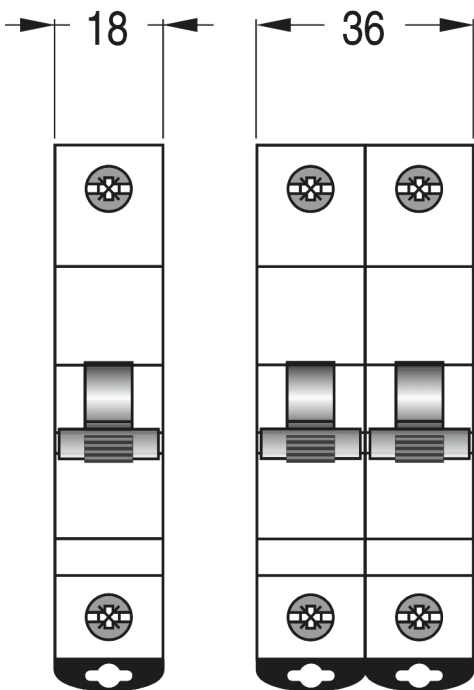
Wire / Conductor Size, Rigid Cable, Out, Min	1 mm ² Out
Wire / Conductor Size, Flex Cable, Top, Max	10 Top
Wire / Conductor Size, Flex Cable, In, Min	1 mm ² In
Wire / Conductor Size, Rigid Cable, Bottom, Max	16 mm ² Bottom
Wire / Conductor Size, Flex Cable, Out, Min	1 mm ² Out
Wire / Conductor Size, Flex Cable, Bottom, Max	10 mm ² Bottom
Tightening Torque, Top, Nominal	3 Nm
Tightening Torque, Bottom, Nominal	3 Nm
Busbar System, Top	Pin
Busbar System, Bottom	Pin
Trip-Free Mechanism	Yes
Mounting	DIN-35 Rail Mount
Add-On Devices (side add-on)	Auxiliary Contacts UVT
Sealable	Yes
Centre Trip Position	No
Accessories	Yes
Icn, Rated Short-Circuit Capacity, 2P, 230/400V AC	6 kA
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60898)	100 % Icn
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC	6 kA @240VAC
Height	86 mm
Width	18 mm
Depth	76 mm
Weight	0.16 kg
Package Quantity	12 qty
Neutral Pole Switched	
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-55 °C min
Storage Temperature, Max	55 °C max
Relative Humidity, Max	95 %RH
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC, 2P	10 kA @415VAC, 2P
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	3 m/s ²
Vibration Rating	IEC 60077-16-3
Standards Compliance	IEC 60898 IEC 60077-16-3 IEC 60947-2 UL 94 V-2 IEC 60068-2 DIN 40046 AS/NZS 3111:2009
Certifications	CE RCM

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REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	DTCBD6xxxxx_Supplier Declaration of Conformity (SDoC)
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



Dimension Diagram