

Автоматические выключатели Tmax T T1B, T1C, T1N

Технические характеристики

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Смоленск (4812)29-41-54
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Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
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Хабаровск (4212)92-98-04
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Челябинск (351)202-03-61
Череповец (8202)49-02-64
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T1B 160 TMD16-500
3p F FC Cu



T1B 160 TMD16-500
4p F FC Cu

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 1,5 W	at Rated Operating Conditions per Pole 1,5 W
Rated Current (I_n):	16 A	16 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV

Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1B 160 TMD20-500
3p F FC Cu



T1B 160 TMD20-500
4p F FC Cu

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm

Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 1,8 W	at Rated Operating Conditions per Pole 1,8 W
Rated Current (I _n):	20 A	20 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U_{test}):	3000 V	3000 V



T1B 160 TMD25-500
3p F FC Cu



T1B 160 TMD25-500
4p F FC Cu

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm

Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2 W
Rated Current (I _n):	25 A	25 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD

Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



**T1B 160 TMD32-500
4p F FC Cu**



**T1B 160 TMD32-500
3p F FC Cu**

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F



Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 2,1 W	at Rated Operating Conditions per Pole 2,1 W
Rated Current (I _n):	32 A	32 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1B 160 TMD40-500
4p F FC Cu



T1B 160 TMD40-500
3p F FC Cu

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 2,6 W	at Rated Operating Conditions per Pole 2,6 W
Rated Current (I_n):	40 A	40 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV

Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm



T1B 160 TMD50-500
4p F FC Cu
(1 | ÷ 70mm²)



T1B 160 TMD50-500
3p F FC Cu
(1 | ÷ 70mm²)

Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 3,7 W	at Rated Operating Conditions per Pole 3,7 W
Rated Current (I_n):	50 A	50 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	B	B
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1B 160 TMD63-630
3p F FC Cu
(1 1/2-70mm2) + Acc



T1B 160 TMD63-630
3p F FC Cu
(1 1/2-70mm2) + Acc

Additional Information

Country of Origin:	Italy (IT)	Italy (IT)
Customs Tariff Number:	85362090	85362090
EAN:		
Invoice Description:	T1B 160 TMD63-630 3p F FC Cu (1 1/2-70mm2) + Acc	T1B 160 TMD63-630 3p F FC Cu (1 1/2-70mm2) + Acc
Minimum Order Quantity:	1 piece	1 piece
Package Level 1 EAN:		
Package Level 1 Units:	1 piece	1 piece

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Selling Unit of Measure:	piece	piece
Short Description:	T1B 160 TMD63-630 3p F FC Cu (1 ÷70mm2) + Acc	T1B 160 TMD63-630 3p F FC Cu (1 ÷70mm2) + Acc



T1B 160 TMD80-800 3p
F FC Cu (1 |÷70mm2) +
Acc



T1B 160 TMD80-800 3p
F FC Cu (1 |÷70mm2) +
Acc

Additional Information

Country of Origin:	Italy (IT)	Italy (IT)
Customs Tariff Number:	85362090	85362090
EAN:		
Invoice Description:	T1B 160 TMD80-800 3p F FC Cu (1 ÷70mm2) + Acc	T1B 160 TMD80-800 3p F FC Cu (1 ÷70mm2) + Acc
Minimum Order Quantity:	1 piece	1 piece
Package Level 1 EAN:		
Package Level 1 Units:	1 piece	1 piece
Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Selling Unit of Measure:	piece	piece
Short Description:	T1B 160 TMD80-800 3p F FC Cu (1 ÷70mm2) + Acc	T1B 160 TMD80-800 3p F FC Cu (1 ÷70mm2) + Acc

Автоматический выключатель T1B 160 TMD 100-1000 3p F FC Cu



Технические характеристики "ABB Tmax

Автоматический выключатель T1B 160 F FC Cu TMD In=100 I3=1000 3P 16kA"

Количество полюсов: 3P.

Номинальный ток расцепителя: 100A.

Номинальный ток выключателя: 160A.

Номинальная предельная отключающая способность при коротком замыкании: 16kA (380-415В~).

Номинальное рабочее напряжение: 690В~/500В=.

Номинальное напряжение изоляции: 800В.

Номинальное допустимое импульсное напряжение: 8кВ.

Номинальная включающая способность (на короткое замыкание): 32кА (380-415В).

Расцепитель: TMD, 1000A.

Время отключения: 7мс.

Выводы: FC Cu-EF-FC CuAl -HR.

Электрическая/механическая износостойкость при регулярном обслуживании: 8000 / 25000 циклов.

Исполнение: Стационарный.

Размеры: 76x70x130мм.

Вес: 0,9кг.

Дополнительная информация:

Автоматический выключатель серии SACE Tmax T. Может быть установлен в распределительных щитах с размещением в горизонтальном, вертикальном или лежащем положении (с креплением на монтажную плату или рейку) - без ущерба для своих номинальных характеристик. Не подвержен вибрациям, вызванным механическими или электромагнитными воздействиями. Увеличенные изолирующие расстояния обеспечивают отсутствие токов утечки и надежную изоляцию при больших перенапряжениях между входом и выходом. Конструкция обеспечивает двойную изоляцию между находящимися под напряжением силовыми частями (исключая выводы) и передней частью аппарата.



T1B 160 TMD125-1250 3p F FC Cu
(1 ÷ 70mm²) + Acc

Additional Information

Country of Origin:	Italy (IT)
Customs Tariff Number:	85362090
Invoice Description:	T1B 160 TMD125-1250 3p F FC Cu (1 ÷ 70mm ²) + Acc
Minimum Order Quantity:	1 piece

Package Level 1 Units:	1 piece
Product Main Type:	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker
Selling Unit of Measure:	piece
Short Description:	T1B 160 TMD125-1250 3p F FC Cu (1 ÷ 70mm ²) + Acc

Автоматический выключатель T1B 160 TMD 160-1600 3p F FC Cu

Технические характеристики "ABB Tmax

Автоматический выключатель T1B 160 F FC Cu TMD In=160 I3=1600 3P 16kA"

Количество полюсов: 3P.

Номинальный ток расцепителя: 160A.

Номинальный ток выключателя: 160A.

Номинальная предельная отключающая способность при коротком замыкании: 16kA (380-415В~).

Номинальное рабочее напряжение: 690В~/500В=.

Номинальное напряжение изоляции: 800В.

Номинальное допустимое импульсное напряжение: 8кВ.

Номинальная включающая способность (на короткое замыкание): 32кА (380-415В).

Расцепитель: TMD, 1600A.

Время отключения: 7мс.

Выводы: FC Cu-EF-FC CuAl -HR.

Электрическая/механическая износостойкость при регулярном обслуживании: 8000 / 25000 циклов.

Исполнение: Стационарный.

Размеры: 76x70x130мм.

Вес: 0,9кг.



Дополнительная информация:

Автоматический выключатель серии SACE Tmax T. Может быть установлен в распределительных щитах с размещением в горизонтальном, вертикальном или лежащем положении (с креплением на монтажную плату или рейку) - без ущерба для своих номинальных характеристик. Не подвержен вибрациям, вызванным механическими или электромагнитными воздействиями. Увеличенные изолирующие расстояния обеспечивают отсутствие токов утечки и надежную изоляцию при больших перенапряжениях между входом и выходом. Конструкция обеспечивает двойную изоляцию между находящимися под напряжением силовыми частями (исключая выводы) и передней частью аппарата.

Автоматический выключатель

T1B 160 TMD160-1600 4p F FC Cu InN=100%



1	1600 Σ
16	Σ
DIN	
160A	
112 ... 160 Σ	
√	
IP2X	
√	
4	

Автоматический выключатель

T1B 160 TMF16-500 1p F FC Cu



Характеристики	
Кол-во полюсов	1
Номинальный ток	16 A
Отключающая способность, Icu (380-400V AC)	25 кА

Автоматический выключатель T1B 160 TMF25-500 1p F FC Cu



Характеристики

Производитель:	ABB	Исполнение	Стационарное
Артикул:	1SDA052618R1	Тип расцепителя	Электромагнитный,тепловой
Ед.измерения:	-	Тип дополнительного расцепителя	Нет
Тип изделия	Выключатель автоматический в литом корпусе	Вид привода	Ручной
Серия Номинальный ток, А	Tmax T 25	Степень защиты	IP20
Количество силовых полюсов	3	Род тока	Переменный (AC)
Номинальная отключающая способность, кА (AC) (IEC/EN 60898)	16	Уставка срабатывания магнитного расцепителя (Im), А	20In
Напряжение, В	690	Коммутационная износостойкость (кол-во циклов)	8000
Способ монтажа	Монтажная плата	Номинальный ток корпуса, А	160
		Механическая износостойкость (кол-ко циклов)	25000
		Наименование в прайсе производителя	Выключатель автоматический T1B 160 TMF25-500 1p F FC Cu (1?70mm2)



T1C 160 TMD25-500
3p F FC Cu4
(1 ÷70mm2)



T1C 160 TMD25-500
4p F FC Cu4
(1 ÷70mm2)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 2 W	at Rated Operating Conditions per Pole 2 W
Rated Current (I _n):	25 A	25 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA

Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	C	C
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables



T1C 160 TMD32-500

4p F FC Cu

(1 | ÷70mm2)



T1C 160 TMD32-500

3p F FC Cu

(1 | ÷70mm2)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:	8015644661694	8015644661656
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker

Product Type:	CB	CB
Version:	F	F
Technical		
Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 2,1 W	at Rated Operating Conditions per Pole 2,1 W
Rated Current (I _n):	32 A	32 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	C	C
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1C 160 TMD40-500
4p F FC Cu
(1 ÷ 70mm²)



T1C 160 TMD40-500
3p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.4 kg	1.1 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 2,6 W	at Rated Operating Conditions per Pole 2,6 W
Rated Current (I _n):	40 A	40 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV

Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	C	C
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1C 160 TMD50-500
3p F FC Cu
(1 ÷ 70mm²)



T1C 160 TMD50-500
4p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm

Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 EAN:		
Package Level 1 Gross Weight:	1.1 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 3,7 W	at Rated Operating Conditions per Pole 3,7 W
Rated Current (I _n):	50 A	50 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA

Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 4 kA	(220 V AC) 4 kA
	(230 V AC) 4 kA	(230 V AC) 4 kA
	(380 V AC) 25 kA	(380 V AC) 25 kA
	(415 V AC) 25 kA	(415 V AC) 25 kA
	(440 V AC) 15 kA	(440 V AC) 15 kA
	(500 V AC) 10 kA	(500 V AC) 10 kA
	(690 V AC) 4 kA	(690 V AC) 4 kA
	(250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA	(250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	C	C
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U _{test}):	3000 V	3000 V



T1C 160 TMD63-630 3p F FC Cu
(1 ÷ 70mm²) + Acc

Additional Information

Country of Origin:	Italy (IT)
Customs Tariff Number:	85362090
EAN:	
Invoice Description:	T1C 160 TMD63-630 3p F FC Cu (1 ÷ 70mm ²) + Acc
Minimum Order Quantity:	1 piece

Package Level 1 Units:	1 piece
Product Main Type:	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker
Selling Unit of Measure:	piece
Short Description:	T1C 160 TMD63-630 3p F FC Cu (1 ÷70mm2) + Acc



T1N 160 TMD32-500
4p F FC Cu
(1 ÷70mm2)



T1N 160 TMD32-500
3p F FC Cu
(1 ÷70mm2)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.4 kg	1.11 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Current Rating:	32 A	N/A
Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Order Multiple:	1 piece	N/A
Power Loss:	at Rated Operating Conditions per Pole 2,1 W	at Rated Operating Conditions per Pole 2,1 W
Rated Current (I _n):	32 A	32 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV
Rated Insulation Voltage (U _i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U _{test}):	3000 V	3000 V



T1N 160 TMD40-500
4p F FC Cu
(1 ½ 70mm²)



T1N 160 TMD40-500
3p F FC Cu
(1 ½ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.4 kg	1.11 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Current Rating:	N/A	40 A
Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Order Multiple:	N/A	1 piece

Power Loss:	at Rated Operating Conditions per Pole 2,6 W	at Rated Operating Conditions per Pole 2,6 W
Rated Current (I_n):	40 A	40 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA
Rated Uninterrupted Current (I_u):	(500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
	160 A	160 A
	TMD	TMD
	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160 TMD50-500
3p F FC Cu
(1 ÷ 70mm²)



T1N 160 TMD50-500
4p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.11 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Current Rating:	50 A	N/A
Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Order Multiple:	1 piece	N/A

Power Loss:	at Rated Operating Conditions per Pole 3,7 W	at Rated Operating Conditions per Pole 3,7 W
Rated Current (I_n):	50 A	50 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160 TMD63-630
3p F FC Cu
(1 ÷ 70mm²)

T1N 160 TMD63-630
4p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.11 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour

Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 4,3 W	at Rated Operating Conditions per Pole 4,3 W
Rated Current (I_n):	63 A	63 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA
	(250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160 TMD80-800
4p F FC Cu
(1 ÷ 70mm²)



T1N 160 TMD80-800
3p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1.3 kg	1 kg
Product Net Width:	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.4 kg	1.11 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	4	3
Power Loss:	at Rated Operating Conditions per Pole 4,8 W	at Rated Operating Conditions per Pole 4,8 W
Rated Current (I _n):	80 A	80 A
Rated Impulse Withstand Voltage (U _{imp}):	8 kV	8 kV

Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	(250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Release:	160 A	160 A
Release Type:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160
TMD100-1000 3p F FC
Cu (1 1/2 70mm2)

T1N 160
TMD100-1000 4p F FC
Cu (1 1/2 70mm2)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.11 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4
Power Loss:	at Rated Operating Conditions per Pole 7 W	at Rated Operating Conditions per Pole 7 W
Rated Current (I_n):	100 A	100 A

Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160
TMD125-1250 3p F FC
Cu (1 1/2 70mm2)

T1N 160 TMD125-1250
4p F FC Cu
(1 1/2 70mm2)

Dimensions

Product Net Depth / Length:	70 mm	70 mm
Product Net Height:	130 mm	130 mm
Product Net Weight:	1 kg	1.3 kg
Product Net Width:	76 mm	102 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm
Package Level 1 Gross Weight:	1.11 kg	1.4 kg
Package Level 1 Height:	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB
Suitable For:	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F

Technical

Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour
Number of Poles:	3	4

Power Loss:	at Rated Operating Conditions per Pole 10,7 W	at Rated Operating Conditions per Pole 10,7 W
Rated Current (I_n):	125 A	125 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A
Release:	TMD	TMD
Release Type:	TM	TM
Short-Circuit Performance Level:	N	N
Standards:	IEC 60947	IEC 60947
Sub-type:	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V



T1N 160
TMD160-1600
4p F FC Cu
InN=100%



T1N 160
TMD160-1600
4p F FC Cu
(1 ÷ 70mm²)



T1N 160
TMD160-1600
3p F FC Cu
(1 ÷ 70mm²)

Dimensions

Product Net Depth / Length:	70 mm	70 mm	70 mm
Product Net Height:	130 mm	130 mm	130 mm
Product Net Weight:	1.3 kg	1.3 kg	1 kg
Product Net Width:	102 mm	102 mm	76 mm

Container Information

Package Level 1 Depth / Length:	143 mm	143 mm	143 mm
Package Level 1 EAN:			
Package Level 1 Gross Weight:	1.4 kg	1.4 kg	1.11 kg
Package Level 1 Height:	135 mm	135 mm	135 mm
Package Level 1 Units:	1 piece	1 piece	1 piece
Package Level 1 Width:	128 mm	128 mm	128 mm

Additional Information

Product Main Type:	SACE Tmax T	SACE Tmax T	SACE Tmax T
Product Name:	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker	Moulded Case Circuit Breaker
Product Type:	CB	CB	CB
Suitable For:	T1	T1	T1
Suitable for Product Class:	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers	Moulded Case Circuit Breakers
Version:	F	F	F

Technical

Current Rating:	N/A	160 A	N/A
Electrical Durability:	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour	8000 cycle 120 cycles per hour
Mechanical Durability:	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour	25000 cycle 240 cycles per hour

Number of Poles:	4	4	3
Order Multiple:	N/A	1 piece	N/A
Power Loss:	at Rated Operating Conditions per Pole 15 W	at Rated Operating Conditions per Pole 15 W	at Rated Operating Conditions per Pole 15 W
Rated Current (I_n):	160 A	160 A	160 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV	8 kV	8 kV
Rated Insulation Voltage (U_i):	800 V	800 V	800 V
Rated Operational Voltage:	690 V AC 500 V DC	690 V AC 500 V DC	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA	(220 V AC) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u):	160 A	160 A	160 A
Release:	TMD	TMD	TMD
Release Type:	TM	TM	TM
Short-Circuit Performance Level:	N	N	N
Standards:	IEC 60947	IEC 60947	IEC 60947
Sub-type:	T1	T1	T1
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage at Industrial Frequency for 1 Minute:	3000 V	3000 V	3000 V
Test Voltage Max (U_{test}):	3000 V	3000 V	3000 V



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