



MATERIAL FACT SHEET

287528 SD-T21 DC48V 2A2B

General Data

Product Hierarchy	IAN50201
	MC
	S-T Body
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000287528

FA-MC: Magnetic Contactor

Series	MS-T SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, DC OPERATED
Frame Size	21
Current Type	DC TYPE
Coil Voltage (V)	48
Rated Current (A)	3-PHASE AC690V: 9
Rated Capacity (kW)	3-PHASE AC220-240V: 5.5
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 11
Rated Capacity (kW) (3)	3-PHASE AC690V: 7.5
Rated Voltage (V)	690
Number of Poles	3
No of Auxiliary Contacts NO	2
No of Auxiliary Contacts NC	2
Frequency Range (Hz)	50/60
Min. Ambient Temperature (°C)	-10
Max. Ambient Temperature (°C)	40
Wiring	SCREW-CLAMP
Design / Styling	STANDARD
Compliant with Standard(s)	EN60947-4-1
Compliant with Standard(s) (2)	IEC60947-4-1
Compliant with Standard(s) (3)	JIS C8201-4-1
Electrical Durability (Load)	-
Mech. Durability (at no Load)	10 000 000 OPERATIONS
Protection Class	IP20

Product Dimensions & Weight

Width (mm)	63
Height (mm)	81
Depth (mm)	108
Weight (kg)	0,59

Logistic Dimensions & Gross Weight

Length (cm)	8,5
Width (cm)	6,5
Height (cm)	11,0
Gross Weight (kg)	0,545
Volume (cdm)	0,608

Stock Data

Planned Delivery Time (Days)	194
------------------------------	-----

Life Cycle

Sales Start	01.07.2015
Predecessor	68637 / SD-N21CX DC48V

Additional Product Information

Battery included	NO
------------------	----

Export Data

Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

REACH Limit Exceeded	YES
REACH Substance CAS Number	1000597-52-3
REACH Substance CAS Number (2)	9016-45-9
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=SD-T21%20DC48V%20A2B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=SD-T21%20DC48V%20A2B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=SD-T21%20DC48V%20A2B&doc-lang=en

Product Packaging

Cardboard (g)	500
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	1
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
52634	UN-ML21 Mechanical interlock. For S(D)-N18 up to 65 Class 100101002: FA-MC: Mechanical Option
279298	TH-T25KP 0.24A Overload Relay. Ith = 0,2 ~ 0,32A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279299	TH-T25KP 0.35A Overload Relay. Ith = 0,28 ~ 0,42A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279300	TH-T25KP 0.5A Overload Relay. Ith = 0,4 ~ 0,6A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279301	TH-T25KP 0.7A Overload Relay. Ith = 0,55 ~ 0,85A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279302	TH-T25KP 0.9A Overload Relay. Ith = 0,7 ~ 1,1A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279303	TH-T25KP 1.3A Overload Relay. Ith = 1,0 ~ 1,6A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279304	TH-T25KP 1.7A Overload Relay. Ith = 1,4 ~ 2,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279305	TH-T25KP 2.1A Overload Relay. Ith = 1,7 ~ 2,5A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays

Material	Description / Price List Text / Classification
279306	TH-T25KP 2.5A Overload Relay. Ith = 2,0 ~ 3,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279307	TH-T25KP 3.6A Overload Relay. Ith = 2,8 ~ 4,4A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279308	TH-T25KP 5A Overload Relay. Ith = 4,0 ~ 6,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279309	TH-T25KP 6.6A Overload Relay. Ith = 5,2 ~ 8,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279310	TH-T25KP 9A Overload Relay. Ith = 7,0 ~ 11,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279311	TH-T25KP 11A Overload Relay. Ith = 9,0 ~ 13,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279312	TH-T25KP 15A Overload Relay. Ith = 12,0 ~ 18,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279313	TH-T25KP 22A Overload Relay. Ith = 18,0 ~ 26,0A; for S(D)-T21, 25 (without Mountingset) Class 100101005: FA-MC: Overload Protection Relays
279314	UT-AX11 1A1B Auxiliary contact. 1NO + 1NC; side clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279315	UT-AX2 1A1B Auxiliary contact. 1NO + 1NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279316	UT-AX2 2A Auxiliary contact. 2NO; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279317	UT-AX2 2B Auxiliary contact. 2NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279318	UT-AX4 2A2B Auxiliary contact. 2NO + 2NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279319	UT-AX4 3A1B Auxiliary contact. 3NO + 1NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
279320	UT-AX4 4A Auxiliary contact. 4NO; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
316474	UN-FD4 DC24V 1A UN-FD4 DC24V 1A Class 100101003: FA-MC: Electrical Option
598521	UT-AX2SQ 1A1B Auxiliary contact. 1NO + 1NC; front clip-on; for S-T, SR-T;Spring Clamp Class 100101003: FA-MC: Electrical Option
598522	UT-AX4SQ 2A2B Auxiliary contact. 2NO + 2NC; front clip-on; for S-T, SR-T;Spring Clamp Class 100101003: FA-MC: Electrical Option
614734	UT-AX2BC 1A1B Auxiliary contact1NO+1NC;front clip-on;for S-T,SR-T;Wiring Streamlining Terminal Class 100101003: FA-MC: Electrical Option
614735	UT-AX2BC 2A Auxiliary contact.2NO; front clip-on; for S-T, SR-T;Wiring Streamlining Terminal Class 100101003: FA-MC: Electrical Option
614736	UT-AX2BC 2B Auxiliary contact.2NC; front clip-on; for S-T, SR-T;Wiring Streamlining Terminal Class 100101003: FA-MC: Electrical Option
624863	UN-SA33 Main Circuit Surge Absorber Unit; AC240; 50/60Hz; for Magnetic Contactors Class 100101003: FA-MC: Electrical Option