



## MATERIAL FACT SHEET

### 279206 S-T12 AC100V 1A1B

#### General Data

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

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_1A/EUR/en/p/000000000000279206](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000279206)

#### FA-MC: Magnetic Contactor

Series	MS-T SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, AC OPERATED
Frame Size	12
Current Type	AC TYPE
Coil Voltage (V)	100-127
Rated Current (A)	3-PHASE AC690V: 7
Rated Capacity (kW)	3-PHASE AC220-240V: 3.5
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 5.5
Rated Capacity (kW) (3)	3-PHASE AC690V: 5.5
Rated Voltage (V)	690
Number of Poles	3
No of Auxiliary Contacts NO	1
No of Auxiliary Contacts NC	1
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)	100000(AT 12A;AC3;380-440VAC)
Mech. Durability (at no Load)	10 000 000 OPERATIONS
Protection Class	IP20

#### Product Dimensions & Weight

Width (mm)	43
Height (mm)	75
Depth (mm)	78
Weight (kg)	0,27

#### Logistic Dimensions & Gross Weight

Length (cm)	8,0
Width (cm)	4,5
Height (cm)	8,0
Gross Weight (kg)	0,276
Volume (cdm)	0,288

#### Stock Data

Planned Delivery Time (Days)	134
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#### Life Cycle

Sales Start	28.11.2014
Predecessor	No Predecessor

#### Additional Product Information

Battery included	NO
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## Export Data

Commodity Code	85365019
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

## Environmental

REACH Limit Exceeded	NO
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	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd52f94&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd52f94&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en</a>
Certificates URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en</a>
CAD URL Indicator	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=S-T12%20AC100V%201A1B&amp;doc-lang=en</a>

## Product Packaging

Cardboard (g)	150
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
<a href="#">249115</a>	UN-SY11 DC interface unit for operating coils Class 100101003: FA-MC: Electrical Option
<a href="#">249116</a>	UN-SY12 DC interface unit for operating coils; for S-T10-T100/SR-T5,T9/S-N125-N400 Class 100101003: FA-MC: Electrical Option
<a href="#">279281</a>	TH-T18KP 0.12A Overload Relay. Ith = 0,1 ~ 0,16A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279282</a>	TH-T18KP 0.17A Overload Relay. Ith = 0,14 ~ 0,22A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279283</a>	TH-T18KP 0.24A Overload Relay. Ith = 0,2 ~ 0,32A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279284</a>	TH-T18KP 0.35A Overload Relay. Ith = 0,28 ~ 0,42A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279285</a>	TH-T18KP 0.5A Overload Relay. Ith = 0,4 ~ 0,6A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279286</a>	TH-T18KP 0.7A Overload Relay. Ith = 0,55 ~ 0,85A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279287</a>	TH-T18KP 0.9A Overload Relay. Ith = 0,7 ~ 1,1A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays

Material	Description / Price List Text / Classification
<a href="#">279288</a>	TH-T18KP 1.3A Overload Relay. Ith = 1,0 – 1,6A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279289</a>	TH-T18KP 1.7A Overload Relay. Ith = 1,4 – 2,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279290</a>	TH-T18KP 2.1A Overload Relay. Ith = 1,7 – 2,5A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279291</a>	TH-T18KP 2.5A Overload Relay. Ith = 2,0 – 3,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279292</a>	TH-T18KP 3.6A Overload Relay. Ith = 2,8 – 4,4A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279293</a>	TH-T18KP 5A Overload Relay. Ith = 4,0 – 6,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279294</a>	TH-T18KPCX 6.6A Overload Relay. Ith = 5,2 – 8,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279295</a>	TH-T18KP 9A Overload Relay. Ith = 7,0 – 11,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279296</a>	TH-T18KP 11A Overload Relay. Ith = 9,0 – 13,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279297</a>	TH-T18KP 15A Overload Relay. Ith = 12,0 – 18,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">279314</a>	UT-AX11 1A1B Auxiliary contact. 1NO + 1NC; side clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279315</a>	UT-AX2 1A1B Auxiliary contact. 1NO + 1NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279316</a>	UT-AX2 2A Auxiliary contact. 2NO; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279317</a>	UT-AX2 2B Auxiliary contact. 2NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279318</a>	UT-AX4 2A2B Auxiliary contact. 2NO + 2NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279319</a>	UT-AX4 3A1B Auxiliary contact. 3NO + 1NC; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279320</a>	UT-AX4 4A Auxiliary contact. 4NO; front clip-on; for S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279322</a>	UT-SA21 AC48V Surge abs. Varistor; AC 24–50V, DC 24–220V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279323</a>	UT-SA21 AC200V Surge abs. Varistor; AC 100–240V, DC 24–220V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279324</a>	UT-SA21 AC400V Surge abs. Varistor; AC 346–480V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279325</a>	UT-SA22 AC200V Surge abs. Varistor + LED; AC 100–240V, DC 24–220V; f. SS-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279326</a>	UT-SA23 AC200V Surge abs. CR; AC 100–240V, DC 24–60V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">279327</a>	UT-SA25 AC48V Surge abs. Varistor + CR; AC 24–50V, DC 100–250V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option

Material	Description / Price List Text / Classification
<a href="#">279328</a>	UT-SA25 AC200V Surge abs. Varistor + CR; AC 100-240V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option
<a href="#">293229</a>	UT-HZ18 Separate mounting adaptor for Thermal Overload Relays TN-T18 Class 100101003: FA-MC: Electrical Option
<a href="#">295824</a>	UT-ML20 Mechanical interlock. For SD-T12, 20 Class 100101002: FA-MC: Mechanical Option
316474	UN-FD4 DC24V 1A UN-FD4 DC24V 1A Class 100101003: FA-MC: Electrical Option
<a href="#">497349</a>	UT-SY21 DC interface module for S-T contactor; solid state output; direct mounting Class 100101003: FA-MC: Electrical Option
<a href="#">594864</a>	UN-TH21 Connecting bar kit S(D)-N20-21 with TH-N20KP/T25KP Class 100101003: FA-MC: Electrical Option
599402	UT-AX2 1A1B Auxiliary contact.1NO+1NC; front clip-on; for S-T,SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
599403	UT-AX2 2A Auxiliary contact. 2NO; front clip-on; for S-T, SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
<a href="#">599404</a>	UT-AX2 2B Auxiliary contact. 2NC; front clip-on; for S-T, SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
599405	UT-AX4 2A2B Auxiliary contact.2NO+2NC; front clip-on; for S-T,SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
<a href="#">599406</a>	UT-AX4 3A1B Auxiliary contact.3NO+1NC; front clip-on; for S-T,SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
<a href="#">599407</a>	UT-AX4 4A Auxiliary contact. 4NO; front clip-on; for S-T, SR-T; without UL certification Class 100101003: FA-MC: Electrical Option
<a href="#">624863</a>	UN-SA33 Main Circuit Surge Absorber Unit; AC240; 50/60Hz; for Magnetic Contactors Class 100101003: FA-MC: Electrical Option