



MATERIAL FACT SHEET

279228 S-T20 AC200V 1A1B

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://emea.mitsubishielectric.com/fa/shop/material-page/000000000000279228>

FA-MC: Magnetic Contactor

| | |
|--------------------------------|--------------------------------|
| Series | MS-T SERIES MAGNETIC CONTACTOR |
| Type | NON-REVERSING, AC OPERATED |
| Frame Size | 20 |
| Current Type | AC TYPE |
| Coil Voltage (V) | 200-240 |
| Rated Current (A) | 3-PHASE AC690V: 9 |
| Rated Capacity (kW) | 3-PHASE AC220-240V: 4.5 |
| Rated Capacity (kW) (2) | 3-PHASE AC380-440V: 7.5 |
| Rated Capacity (kW) (3) | 3-PHASE AC690V: 7.5 |
| 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 18A;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) | 7,5 |
| Width (cm) | 4,5 |
| Height (cm) | 7,7 |
| Gross Weight (kg) | 0,283 |
| Volume (cdm) | 0,260 |

Stock Data

| | |
|------------------------------|-----|
| Planned Delivery Time (Days) | 147 |
|------------------------------|-----|

Life Cycle

| | |
|-------------|----------------|
| Sales Start | 28.11.2014 |
| Predecessor | No Predecessor |

Additional Product Information

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

| | |
|--------------|----|
| Product Code | MS |
|--------------|----|

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 | NON-COMPLIANT |
| UKCA | COMPLIANT |

Documentation & Media Data

| | |
|----------------------------|---|
| Manual URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=S-T20%20AC200V%201A1B&doc-lang=en |
| Certificates URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=S-T20%20AC200V%201A1B&doc-lang=en |
| CAD URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=S-T20%20AC200V%201A1B&doc-lang=en |

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 |
|------------------------|--|
| 249115 | UN-SY11 DC interface unit for operating coils Class 100101003: FA-MC: Electrical Option |
| 249116 | UN-SY12 DC interface unit for operating coils; for S-T10-T100/SR-T5,T9/S-N125-N400 Class 100101003: FA-MC: Electrical Option |
| 279281 | TH-T18KP 0.12A Overload Relay. Ith = 0,1 – 0,16A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279282 | TH-T18KP 0.17A Overload Relay. Ith = 0,14 – 0,22A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279283 | TH-T18KP 0.24A Overload Relay. Ith = 0,2 – 0,32A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279284 | TH-T18KP 0.35A Overload Relay. Ith = 0,28 – 0,42A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279285 | TH-T18KP 0.5A Overload Relay. Ith = 0,4 – 0,6A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279286 | TH-T18KP 0.7A Overload Relay. Ith = 0,55 – 0,85A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279287 | 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 |
|------------------------|--|
| 279288 | TH-T18KP 1.3A Overload Relay. Ith = 1,0 – 1,6A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279289 | TH-T18KP 1.7A Overload Relay. Ith = 1,4 – 2,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279290 | TH-T18KP 2.1A Overload Relay. Ith = 1,7 – 2,5A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279291 | TH-T18KP 2.5A Overload Relay. Ith = 2,0 – 3,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279292 | TH-T18KP 3.6A Overload Relay. Ith = 2,8 – 4,4A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279293 | TH-T18KP 5A Overload Relay. Ith = 4,0 – 6,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279294 | TH-T18KP 6.6A Overload Relay. Ith = 5,2 – 8,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279295 | TH-T18KP 9A Overload Relay. Ith = 7,0 – 11,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279296 | TH-T18KP 11A Overload Relay. Ith = 9,0 – 13,0A; for S(D)-T10, 12, 20 Class 100101005: FA-MC: Overload Protection Relays |
| 279297 | TH-T18KP 15A Overload Relay. Ith = 12,0 – 18,0A; for S(D)-T10, 12, 20 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 |
| 279322 | UT-SA21 AC48V Surge abs. Varistor; AC 24–50V, DC 24–220V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 279323 | UT-SA21 AC200V Surge abs. Varistor; AC 100–240V, DC 24–220V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 279324 | UT-SA21 AC400V Surge abs. Varistor; AC 346–480V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 279325 | UT-SA22 AC200V Surge abs. Varistor + LED; AC 100–240V, DC 24–220V; f. SS-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 279326 | UT-SA23 AC200V Surge abs. CR; AC 100–240V, DC 24–60V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 279327 | 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 |
|------------------------|--|
| 279328 | UT-SA25 AC200V Surge abs. Varistor + CR; AC 100-240V; f. S-T, SR-T Class 100101003: FA-MC: Electrical Option |
| 293229 | UT-HZ18 Separate mounting adaptor for Thermal Overload Relays TN-T18 Class 100101003: FA-MC: Electrical Option |
| 295824 | 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 |
| 497349 | UT-SY21 DC interface module for S-T contactor; solid state output; direct mounting Class 100101003: FA-MC: Electrical Option |
| 594864 | 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 |
| 599404 | 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 |
| 599406 | UT-AX4 3A1B Auxiliary contact.3NO+1NC; front clip-on; for S-T,SR-T; without UL certification Class 100101003: FA-MC: Electrical Option |
| 599407 | UT-AX4 4A Auxiliary contact. 4NO; front clip-on; for S-T, SR-T; without UL certification 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 |