



## MATERIAL FACT SHEET

### 298688 S-T100 AC400V

#### 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/000000000000298688>

#### FA-MC: Magnetic Contactor

Series	MS-T SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, AC OPERATED
Frame Size	100
Current Type	AC TYPE
Coil Voltage (V)	380-440
Rated Current (A)	3-PHASE AC690V: 65
Rated Capacity (kW)	3-PHASE AC220-240V: 30
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 55
Rated Capacity (kW) (3)	3-PHASE AC690V: 55
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)	5 000 000 OPERATIONS
Protection Class	IP20

#### Product Dimensions & Weight

Width (mm)	100
Height (mm)	124
Depth (mm)	127
Weight (kg)	1,7

#### Logistic Dimensions & Gross Weight

Length (cm)	13,0
Width (cm)	10,5
Height (cm)	13,5
Gross Weight (kg)	2,723
Volume (cdm)	1,843

#### Stock Data

Planned Delivery Time (Days)	147
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#### Life Cycle

Sales Start	01.11.2016
Predecessor	113644 / S-N95 AC400V

#### Additional Product Information

Battery included	NO
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Product Code	MS
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### Export Data

Commodity Code	85363030
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	<a href="#">101-77-9</a>
REACH Substance CAS Number (2)	<a href="#">25214-70-4</a>
REACH Substance CAS Number (3)	<a href="#">552-30-7</a>
REACH Substance CAS Number (4)	<a href="#">71868-10-5</a>
REACH Substance CAS Number (5)	<a href="#">7439-92-1</a>
REACH Substance CAS Number (6)	<a href="#">80-05-7</a>
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	<a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=S-T100%20AC400V&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=S-T100%20AC400V&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-T100%20AC400V&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=S-T100%20AC400V&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-T100%20AC400V&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=S-T100%20AC400V&amp;doc-lang=en</a>

### Product Packaging

Cardboard (g)	550
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	0
Wood (g)	0
Glass (g)	0
Others (g)	0

### Compatible products

Material	Description / Price List Text / Classification
<a href="#">113691</a>	UN-AX80 Auxiliary contact. 1NO + 1NC; side clip-on; for S(D)-N80 up to 125 Class 100101003: FA-MC: Electrical Option
<a href="#">113704</a>	UN-CZ800 Terminal cover. For S(D)-N80, 95 -Line or load-side Class 100101002: FA-MC: Mechanical Option
<a href="#">124294</a>	UN-ML80 Mechanical interlock. For S(D)-N80 up to 125 Class 100101002: FA-MC: Mechanical Option
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
<a href="#">298608</a>	TH-T65KP 15A Overload Relay. Ith = 12,0 ~ 18,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298609</a>	TH-T65KP 22A Overload Relay. Ith = 18,0 ~ 26,0A; for S(D)-T65, 80,100 Class 100101005: FA-MC: Overload Protection Relays

Material	Description / Price List Text / Classification
<a href="#">298610</a>	TH-T65KP 29A Overload Relay. Ith = 24,0 ~ 34,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298611</a>	TH-T65KP 35A Overload Relay. Ith = 30,0 ~ 40,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298612</a>	TH-T65KP 42A Overload Relay. Ith = 34,0 ~ 50,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298613</a>	TH-T65KP 54A Overload Relay. Ith = 43,0 ~ 65,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298614</a>	TH-T100KP 67A Overload Relay. Ith = 54,0 ~ 80,0A; for S(D)-T80,100 Class 100101005: FA-MC: Overload Protection Relays
<a href="#">298615</a>	TH-T100KP 82A Overload Relay. Ith = 65,0 ~ 100,0A; for S(D)-T80,100 Class 100101005: FA-MC: Overload Protection Relays
316474	UN-FD4 DC24V 1A UN-FD4 DC24V 1A 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