



MATERIAL FACT SHEET

298688 S-T100 AC400V

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_IA/EUR/en/p/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)	300
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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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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	101-77-9
REACH Substance CAS Number (2)	25214-70-4
REACH Substance CAS Number (3)	552-30-7
REACH Substance CAS Number (4)	7439-92-1
REACH Substance CAS Number (5)	80-05-7
REACH Substance CAS Number (6)	9016-45-9
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=S-T100%20AC400V&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=S-T100%20AC400V&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=S-T100%20AC400V&doc-lang=en

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
113691	UN-AX80 Auxiliary contact. 1NO + 1NC; side clip-on; for S(D)-N80 up to 125 Class 100101003: FA-MC: Electrical Option
113704	UN-CZ800 Terminal cover. For S(D)-N80, 95 -Line or load-side Class 100101002: FA-MC: Mechanical Option
124294	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
298608	TH-T65KP 15A Overload Relay. Ith = 12,0 ~ 18,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
298609	TH-T65KP 22A Overload Relay. Ith = 18,0 ~ 36,0A; for S(D)-T65, 80,100 Class 100101005: FA-MC: Overload Protection Relays
298610	TH-T65KP 29A Overload Relay. Ith = 24,0 ~ 34,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays

Material	Description / Price List Text / Classification
298611	TH-T65KP 35A Overload Relay. Ith = 30,0 ~ 40,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
298612	TH-T65KP 42A Overload Relay. Ith = 34,0 ~ 50,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
298613	TH-T65KP 54A Overload Relay. Ith = 43,0 ~ 65,0A; for S(D)-T65, 80, 100 Class 100101005: FA-MC: Overload Protection Relays
298614	TH-T100KP 67A Overload Relay. Ith = 54,0 ~ 80,0A; for S(D)-T80,100 Class 100101005: FA-MC: Overload Protection Relays
298615	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