



MATERIAL FACT SHEET

298677 S-T80 AC100V

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/000000000000298677>

FA-MC: Magnetic Contactor

Series	MS-T SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, AC OPERATED
Frame Size	80
Current Type	AC TYPE
Coil Voltage (V)	100-127
Rated Current (A)	3-PHASE AC690V: 52
Rated Capacity (kW)	3-PHASE AC220-240V: 22
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 45
Rated Capacity (kW) (3)	3-PHASE AC690V: 45
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)	88
Height (mm)	106
Depth (mm)	106
Weight (kg)	0,75

Logistic Dimensions & Gross Weight

Length (cm)	10,5
Width (cm)	9,5
Height (cm)	11,5
Gross Weight (kg)	0,846
Volume (cdm)	1,147

Stock Data

Planned Delivery Time (Days)	147
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Life Cycle

Sales Start	01.11.2016
Predecessor	113627 / S-N80 AC100V

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	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
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-T80%20AC100V&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=S-T80%20AC100V&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=S-T80%20AC100V&doc-lang=en

Product Packaging

Cardboard (g)	300
Other paper (g)	50
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
52625	UN-AX2CX 2A Auxiliary contact. 2NO; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52626	UN-AX2CX 1A1B Auxiliary contact. 1NO + 1NC; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52627	UN-AX2CX 2B Auxiliary contact. 2NC; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52628	UN-AX4CX 4A Auxiliary contact. 4NO; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52629	UN-AX4CX 2A2B Auxiliary contact. 2NO + 2NC; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52630	UN-AX4CX 3A1B Auxiliary contact. 3NO + 1NC; front clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option
52631	UN-AX11CX Auxiliary contact. 1NO + 1NC; side clip-on; for S(D)-N10 up to 65, SR(D)-N4 Class 100101003: FA-MC: Electrical Option

Material	Description / Price List Text / Classification
52634	UN-ML21 Mechanical interlock. For S(D)-N18 up to 65 Class 100101002: FA-MC: Mechanical Option
127116	UN-CZ500 Terminal cover. For SD-N50, 65 -Line or load-side Class 100101002: FA-MC: Mechanical Option
249103	UN-SY31 DC interface unit for operating coils Class 100101003: FA-MC: Electrical 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 ~ 26,0A; 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
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