



MATERIAL FACT SHEET

113647 S-N125 AC100V

General Data

Product Hierarchy	IAN50105
	MC
	S-N Body
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000113647

FA-MC: Magnetic Contactor

Series	MS-N SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, AC OPERATED
Frame Size	125
Current Type	AC TYPE
Coil Voltage (V)	100-127
Rated Current (A)	3-PHASE AC690V: 70
Rated Capacity (kW)	3-PHASE AC220-240V: 37
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 60
Rated Capacity (kW) (3)	3-PHASE AC690V: 90
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)	1 000 000 OPERATIONS
Mech. Durability (at no Load)	5 000 000 OPERATIONS
Protection Class	IP00

Product Dimensions & Weight

Width (mm)	100
Height (mm)	150
Depth (mm)	136
Weight (kg)	2,5

Logistic Dimensions & Gross Weight

Length (cm)	23,0
Width (cm)	17,0
Height (cm)	16,5
Gross Weight (kg)	2,780
Volume (cdm)	6,452

Stock Data

Planned Delivery Time (Days)	300
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Life Cycle

Sales Start	17.06.1999
Predecessor	3333 / S-K600 AC200V

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	YES
REACH Substance CAS Number	101-77-9
REACH Substance CAS Number (2)	13560-89-9
REACH Substance CAS Number (3)	140-66-9
REACH Substance CAS Number (4)	25214-70-4
REACH Substance CAS Number (5)	552-30-7
REACH Substance CAS Number (6)	7439-92-1
REACH Substance CAS Number (7)	80-05-7
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	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=S-N125%20AC100V&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=S-N125%20AC100V&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=S-N125%20AC100V&doc-lang=en

Product Packaging

Cardboard (g)	200
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
113705	UN-CZ1250 Terminal cover. For S(D)-N125 -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
124425	TH-N120KP 42A Overload Relay. Ith = 34,0 ~ 50,0A; for S(D)-N125, 150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays
124426	TH-N120KP 54A Overload Relay. Ith = 43,0 ~ 65,0A; for S(D)-N125, 150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays
124427	TH-N120KP 67A Overload Relay. Ith = 54,0 ~ 80,0A; for S(D)-N125, 150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays
124428	TH-N120KP 82A Overload Relay. Ith = 65,0 ~ 100,0A; for S(D)-N125, 150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays

Material	Description / Price List Text / Classification
124430	TH-N120TAKP 105A Overload Relay. Ith = 85,0 ~ 125,0A; for S(D)-N125, 150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays
124431	TH-N120TAKP 125A Overload Relay. Ith = 100,0 ~ 150,0A; for S(D)-N150 (ohne Montageset) Class 100101005: FA-MC: Overload Protection Relays
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
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