



MATERIAL FACT SHEET

113684 SD-N220 DC24V 2A2B

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/000000000000113684

FA-MC: Magnetic Contactor

Series	MS-N SERIES MAGNETIC CONTACTOR
Type	NON-REVERSING, DC OPERATED
Frame Size	220
Current Type	DC TYPE
Coil Voltage (V)	24
Rated Current (A)	3-PHASE AC690V: 150
Rated Capacity (kW)	3-PHASE AC220-240V: 75
Rated Capacity (kW) (2)	3-PHASE AC380-440V: 132
Rated Capacity (kW) (3)	3-PHASE AC690V: 132
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	IP20

Product Dimensions & Weight

Width (mm)	138
Height (mm)	204
Depth (mm)	200
Weight (kg)	7,5

Logistic Dimensions & Gross Weight

Length (cm)	32,0
Width (cm)	25,0
Height (cm)	28,0
Gross Weight (kg)	8,720
Volume (cdm)	22,400

Stock Data

Planned Delivery Time (Days)	280
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Life Cycle

Sales Start	17.06.1999
Predecessor	42764 / SD-K125 DC24V

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	13560-89-9
REACH Substance CAS Number (2)	140-66-9
REACH Substance CAS Number (3)	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=SD-N220%20DC24V%20A2B&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=SD-N220%20DC24V%20A2B&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=SD-N220%20DC24V%20A2B&doc-lang=en

Product Packaging

Cardboard (g)	600
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