



MATERIAL FACT SHEET

124428 TH-N120KP 82A

General Data

Product Hierarchy	IAN50107
	MC
	TH-N 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/000000000000124428

FA-MC: Overload Protection Relays

Series	MS-N THERMAL OVERLOAD RELAY
Type	WITH 3-ELEMENT (2E)
Heater Designation (A)	82
Range of Setting Current (A)	65 - 100
Rated Capacity (kW)	3-PHASE 220-240V: 22
Rated Capacity (kW) (2)	3-PHASE 380-440V: 45
Rated Voltage (V)	690
Frequency Range (Hz)	0(DC) - 400
Min. Ambient Temperature (°C)	-10
Max. Ambient Temperature (°C)	+40
No of Auxiliary Contacts NO	1
No of Auxiliary Contacts NC	1

Product Dimensions & Weight

Width (mm)	103
Height (mm)	67
Depth (mm)	105
Weight (kg)	0,48

Logistic Dimensions & Gross Weight

Length (cm)	11,0
Width (cm)	10,5
Height (cm)	7,0
Gross Weight (kg)	0,540
Volume (cdm)	0,809

Stock Data

Planned Delivery Time (Days)	194
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Life Cycle

Sales Start	07.07.1999
Predecessor	3637 / TH-K120KP 82A

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	NO
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT

WEEE	B2B
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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=TH-N120KP%2082A&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=TH-N120KP%2082A&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=TH-N120KP%2082A&doc-lang=en

Product Packaging

Cardboard (g)	200
Other paper (g)	10
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	0
Wood (g)	0
Glass (g)	0
Others (g)	0