



## 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](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 |
|------------------------------|-----|

#### Life Cycle

|             |                      |
|-------------|----------------------|
| Sales Start | 07.07.1999           |
| Predecessor | 3637 / TH-K120KP 82A |

#### Additional Product Information

|                  |    |
|------------------|----|
| Battery included | NO |
|------------------|----|

#### 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 |
|------|-----|

### Conformity

|        |           |
|--------|-----------|
| CE     | COMPLIANT |
| UL/cUL | COMPLIANT |
| EAC    | COMPLIANT |
| UKCA   | COMPLIANT |

### Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=TH-N120KP%2082A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=TH-N120KP%2082A&amp;doc-lang=en</a>   |
| Certificates URL Indicator | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=TH-N120KP%2082A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=TH-N120KP%2082A&amp;doc-lang=en</a> |
| CAD URL Indicator          | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=TH-N120KP%2082A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=TH-N120KP%2082A&amp;doc-lang=en</a> |

### 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   |