

Mitsubishi Electric Europe B.V. - Mitsubishi-Electric-Platz 1 - 40882 Ratingen

## General Data

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| Material                  | 325718                                                           |
| Vendor Material Code      | FRCS82S07060                                                     |
| Product Code              | M4I (INV(O/O MDI))                                               |
| Description               | FR-CS82S-070-60                                                  |
| Sales Area                | 1710 / 01 / 10                                                   |
|                           | Factory Aut. Poland, Sales, IAS                                  |
| Price List Text (EN)      | Inverter; Rated Power: 1,5kW; 1x200-240V; Rated Current:7A; IP20 |
| Price List Text (PL)      |                                                                  |
| Profit Center             | CCIINV01                                                         |
| Product Hierarchy         | IAK24601<br>INVERTER<br>FR-CS82                                  |
| Material Group            | 100100401 (Inverter)                                             |
| Ext. Material Group       | 10 STANDARD ITEM (FA EBG Standard item)                          |
| Material Type             | ZHWA                                                             |
| Cross-Distr.-Chain Status |                                                                  |
| Distr.-Chain-Spec. Status |                                                                  |

## FA-Inverter: Inverter

|                              |                               |
|------------------------------|-------------------------------|
| Type                         | FR-CS80 COMPACT INVERTER      |
| Minimum Rated Voltage (V)    | 200                           |
| Min. Permissible Voltage (V) | 170                           |
| Maximum Rated Voltage (V)    | 240                           |
| Max. Permissible Voltage (V) | 264                           |
| Current Type                 | AC                            |
| Phases                       | 1                             |
| Rated Output Current ND (A)  | 7                             |
| Rated Motor Capacity ND (kW) | 1,5                           |
| Control Method               | ADVANCED MAGN. FLUX VEC. CTRL |
| Control Method (2)           |                               |
| Motor Type                   | INDUCTION MOTOR               |
| Brake Chopper ED (%)         | 30                            |
| Integrated EMC Filter        | NO                            |
| Safe Torque Off (STO)        | NO                            |
| Regenerative (4Q)            | NO                            |
| Integrated DC Choke          | NO                            |
| Display                      | FR-LU08                       |
| Display Type                 | 4 DIGITS LED                  |
| PLC Function                 | NO                            |

**FA-Inverter: Inverter**

|                               |            |
|-------------------------------|------------|
| Integrated Digital Inputs     |            |
| Digital Outputs (Transistor)  |            |
| Digital Outputs (Relay)       |            |
| Integrated Analogue Inputs    |            |
| Integrated Analogue Outputs   |            |
| Type of Terminal Block        |            |
| Expandable                    |            |
| RS-485                        | 1          |
| Built-In Network              | MODBUS-RTU |
| Built-In Network (2)          |            |
| Leakage Current (mA)          | 1          |
| Power Loss SLD (W)            |            |
| Power Loss LD (W)             |            |
| Power Loss ND (W)             |            |
| Power Loss HD (W)             |            |
| Standby Power Consumption (W) |            |
| Protection Class              | IP20       |

**Product Dimensions & Weight**

|             |     |
|-------------|-----|
| Width (mm)  | 108 |
| Height (mm) | 128 |
| Depth (mm)  | 160 |
| Weight (kg) | 1,4 |

**Export Data**

|                                          |                  |
|------------------------------------------|------------------|
| Commodity Code                           | 85044090         |
| Legal Control (Dual Use List)            | Not Listed       |
| Country of Origin                        | China (CN)       |
| Preference Status (Supplier Declaration) | Non EU           |
| Factory                                  | Dalian (010)     |
| Export Control Limitation (pc)           | 102 (Controlled) |

**Logistic Dimensions & Gross Weight**

|                   |       |
|-------------------|-------|
| Length (cm)       | 23,5  |
| Width (cm)        | 14,5  |
| Height (cm)       | 19,0  |
| Gross Weight (kg) | 1,657 |
| Volume (cdm)      | 6,474 |

**Environmental**

|                             |           |
|-----------------------------|-----------|
| REACH Limit Exceeded        | NO        |
| Dangerous Goods Regulations | NO        |
| RoHS Compliance             | COMPLIANT |

**Environmental**

WEEE

B2B

**Conformity**

CE

COMPLIANT

UL/cUL

COMPLIANT

EAC

COMPLIANT

Shipping Approvals