

## MATERIAL FACT SHEET

### 254842 NF125-SV 3P 100A

#### General Data

|                     |                          |
|---------------------|--------------------------|
| Product Hierarchy   | IAN10201                 |
|                     | MCCB                     |
|                     | WS-V 1 - NF 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/000000000000254842](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000254842)

#### FA-MCCB: Moulded-Case Circuit Breaker

|                                |                            |
|--------------------------------|----------------------------|
| Series                         | WS-V SERIES - MCCB         |
| Type                           | NF-S TYPE (STANDARD CLASS) |
| Frame Size                     | 125                        |
| Rated Current (A)              | 100                        |
| Current Type                   | AC/DC                      |
| Number of Poles                | 3                          |
| Rated Voltage (V)              | 690                        |
| Breaking Capacity at 400V (kA) | 30/30                      |
| Compliant with Standard(s)     | EN 60947-2                 |
| Compliant with Standard(s) (2) | IEC 60947-2                |
| Cycles with Rated Current      | 10000                      |
| Cycles without Rated Current   | 25000                      |
| Automatic Tripping Device      | THERMAL-MAGNETIC           |

#### Product Dimensions & Weight

|             |     |
|-------------|-----|
| Width (mm)  | 90  |
| Height (mm) | 130 |
| Depth (mm)  | 90  |
| Weight (kg) | 1   |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 13,5  |
| Width (cm)        | 10,0  |
| Height (cm)       | 10,0  |
| Gross Weight (kg) | 0,969 |
| Volume (cdm)      | 1,350 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 104 |
|------------------------------|-----|

#### Life Cycle

|             |                             |
|-------------|-----------------------------|
| Sales Start | 06.11.2012                  |
| Predecessor | 209344 / NF125-SW 3P 100A W |

#### 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       |
| Shipping Approvals | NK, LR, ABS, GL |
| UKCA               | COMPLIANT       |

### Documentation & Media Data

|                            |                                                                                                                                                                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator       | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=NF125-SV%203P%20100A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=NF125-SV%203P%20100A&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=NF125-SV%203P%20100A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=NF125-SV%203P%20100A&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=NF125-SV%203P%20100A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=NF125-SV%203P%20100A&amp;doc-lang=en</a> |

### Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 69 |
| 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                                                                                           |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">267210</a> | AL-05SV<br>Alarm switch. 1CO; Flying lead; Left or Right hand fitting<br>Class 100100903: FA-MCCB: Electrical Option                     |
| <a href="#">267212</a> | AL-05SVLS<br>Alarm switch. 1CO; Terminal block; Left hand fitting<br>Class 100100903: FA-MCCB: Electrical Option                         |
| <a href="#">267228</a> | ALAX-05SV<br>Alarm+Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting<br>Class 100100903: FA-MCCB: Electrical Option         |
| <a href="#">267230</a> | ALAX-05SVLS<br>Alarm+Auxiliary switch. 1CO, Terminal block, Left hand fitting<br>Class 100100903: FA-MCCB: Electrical Option             |
| <a href="#">267236</a> | AX-05SV<br>Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting; For 30 to 250A<br>Class 100100903: FA-MCCB: Electrical Option |
| <a href="#">267238</a> | AX-05SVLS<br>Auxiliary switch. 1CO, Terminal block, Left hand fitting; For 30 to 250A<br>Class 100100903: FA-MCCB: Electrical Option     |
| <a href="#">267246</a> | AX2-05SVLS<br>Auxiliary switch. 2CO; Terminal block, Left hand fitting; For 30 to 250A<br>Class 100100903: FA-MCCB: Electrical Option    |
| <a href="#">267249</a> | BAF-2SV<br>Front-side insulating barrier, for frame size 125-250A<br>Class 100100902: FA-MCCB: Mechanical Option                         |
| <a href="#">267257</a> | BTC-1SV3<br>Rear terminal cover. NF125-xxx 3P (W90)<br>Class 100100902: FA-MCCB: Mechanical Option                                       |
| <a href="#">267311</a> | F-1SV LF DF<br>Op. Type F. OFF Pos-lock,OFF Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option     |
| <a href="#">267312</a> | F-1SV LF DF Y<br>Op. Type F. OFF Pos-lock,OFF Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option    |
| <a href="#">267313</a> | F-1SV LF DF Z<br>Op. Type F. OFF Pos-lock,OFF Pos-open,ON R,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option    |
| <a href="#">267314</a> | F-1SV LF DR<br>Op. Type F. OFF Pos-lock,RESET Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option   |
| <a href="#">267315</a> | F-1SV LF DR Y<br>Op. Type F. OFF Pos-lock,RESET Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option  |

| Material               | Description / Price List Text / Classification                                                                                                  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">267316</a> | F-1SV LF DR Z<br>Op. Type F. OFF Pos-lock,RESET Pos-open,ON R,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option         |
| <a href="#">267335</a> | F-1SVE LF DF<br>Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option     |
| <a href="#">267336</a> | F-1SVE LF DF Y<br>Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option    |
| <a href="#">267337</a> | F-1SVE LF DF Z<br>Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON R,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option    |
| <a href="#">267338</a> | F-1SVE LF DR<br>Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option   |
| <a href="#">267339</a> | F-1SVE LF DR Y<br>Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option  |
| <a href="#">267340</a> | F-1SVE LF DR Z<br>Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON R,NF125-CV/SV/HV 3P/4P&HV 2P<br>Class 100100902: FA-MCCB: Mechanical Option  |
| <a href="#">267396</a> | HLF-05SV<br>Handle lock device removable type. OFF lock.<br>Class 100100902: FA-MCCB: Mechanical Option                                         |
| <a href="#">267397</a> | HLN-05SV<br>Handle lock device removable type. ON lock.<br>Class 100100902: FA-MCCB: Mechanical Option                                          |
| <a href="#">267398</a> | HLS-05SV<br>Handle lock device fix type. OFF lock. For W75 and W90.<br>Class 100100902: FA-MCCB: Mechanical Option                              |
| <a href="#">267418</a> | MI-05SV3<br>Mechanical interlock. For W75,W90 und W105; 2 und 3 poles. Panel mounting.<br>Class 100100902: FA-MCCB: Mechanical Option           |
| <a href="#">267423</a> | MI-1SVFB3<br>Mechanical interlock. For W90; 3 poles. Breaker mounting.<br>Class 100100902: FA-MCCB: Mechanical Option                           |
| <a href="#">267447</a> | PMDN-1SV3<br>Plug-In kit without PLT, Safety Device. (W90, 3P)<br>Class 100100902: FA-MCCB: Mechanical Option                                   |
| <a href="#">267461</a> | PMN-1SV3<br>Connector kit on breaker for Plug in connection. (W90, 3P)<br>Class 100100902: FA-MCCB: Mechanical Option                           |
| <a href="#">267479</a> | SHTA048-05SVRS<br>Shunt trip. AC 24-48V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option       |
| <a href="#">267480</a> | SHTA048-05SVRFS<br>Shunt trip. AC 24-48V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option   |
| <a href="#">267484</a> | SHTA240-05SVRS<br>Shunt trip. AC 100-240V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option     |
| <a href="#">267485</a> | SHTA240-05SVRFS<br>Shunt trip. AC 100-240V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option |
| <a href="#">267489</a> | SHTA550-05SVRS<br>Shunt trip. AC 380-550V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option     |
| <a href="#">267490</a> | SHTA550-05SVRFS<br>Shunt trip. AC 380-550V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option |
| <a href="#">267494</a> | SHTD012-05SVRS<br>Shunt trip. DC 12V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option          |
| <a href="#">267495</a> | SHTD012-05SVRFS<br>Shunt trip. DC 12V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option      |
| <a href="#">267499</a> | SHTD036-05SVRS<br>Shunt trip. DC 24-36V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option       |

| Material               | Description / Price List Text / Classification                                                                                                       |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">267500</a> | SHTD036-05SVRFS<br>Shunt trip. DC 24-36V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option        |
| <a href="#">267504</a> | SHTD048-05SVRS<br>Shunt trip. DC 36-48V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option            |
| <a href="#">267505</a> | SHTD048-05SVRFS<br>Shunt trip. DC 36-48V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option        |
| <a href="#">267509</a> | SHTD125-05SVRS<br>Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option          |
| <a href="#">267510</a> | SHTD125-05SVRFS<br>Shunt trip. DC 100-125V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option      |
| <a href="#">267514</a> | SHTD250-05SVRS<br>Shunt trip. DC 220-250V, R hand fitting, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option          |
| <a href="#">267515</a> | SHTD250-05SVRFS<br>Shunt trip. DC 220-250V, R hand fitting 4P, for W75, 90, 105. Terminal block.<br>Class 100100903: FA-MCCB: Electrical Option      |
| <a href="#">267516</a> | SL-1SV3L<br>Solderless terminal. 2,5 - 25mm², for W90, 3-pole<br>Class 100100902: FA-MCCB: Mechanical Option                                         |
| <a href="#">267517</a> | SL-1SV3G<br>Solderless terminal. 25 - 70mm², for W90, 3-pole<br>Class 100100902: FA-MCCB: Mechanical Option                                          |
| <a href="#">267537</a> | ST-1SV3<br>Rear connection. For NF-SV W90 3-pole.<br>Class 100100902: FA-MCCB: Mechanical Option                                                     |
| <a href="#">267546</a> | TCL-1SV3<br>Terminal cover - large. For W90 3-pole.<br>Class 100100902: FA-MCCB: Mechanical Option                                                   |
| <a href="#">267555</a> | TCS-1SV3<br>Terminal cover - small. For W90 3-pole.<br>Class 100100902: FA-MCCB: Mechanical Option                                                   |
| <a href="#">267601</a> | UVTSA250-05SVRFS<br>Undervoltage Trip; AC 200-250V;30 to 250A frames; Right pole (4poles); with SLT<br>Class 100100903: FA-MCCB: Electrical Option   |
| <a href="#">267606</a> | UVTSA480-05SVRFS<br>Under voltage trip. AC 380-480V, Instantaneous, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option        |
| <a href="#">267611</a> | UVTSA600-05SVRFS<br>Under voltage trip. AC 500-600V, Instantaneous, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option        |
| <a href="#">267616</a> | UVTSAD024-05SVRFS<br>Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option         |
| <a href="#">267621</a> | UVTSAD048-05SVRFS<br>Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option         |
| <a href="#">267626</a> | UVTSAD130-05SVRFS<br>Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option    |
| <a href="#">267690</a> | UVTSA048-05SVRSU05<br>Under voltage trip. AC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option           |
| <a href="#">267691</a> | UVTSA048-05SVRFSU05<br>Under voltage trip. AC 24/48V, 0,1/0,3/0,5 s, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option       |
| <a href="#">267695</a> | UVTSA450-05SVRSU05<br>Under voltage trip. AC 120/240/450V, 0,1/0,3/0,5 s, Synch, Right, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option     |
| <a href="#">267696</a> | UVTSA450-05SVRFSU05<br>Under voltage trip. AC 120/240/450V, 0,1/0,3/0,5 s, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option |
| <a href="#">267701</a> | UVTSA550-05SVRFSU05<br>Under voltage trip. AC 250/450/550V, 0,1/0,3/0,5 s, Synch, Right 4P, Terminal.<br>Class 100100903: FA-MCCB: Electrical Option |

| Material               | Description / Price List Text / Classification                                                                             |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <a href="#">267751</a> | V-1SV<br>V-handle. For 3 and 4-pole Breaker NF/DSN 125AF fix. Handle black.<br>Class 100100902: FA-MCCB: Mechanical Option |
| <a href="#">267761</a> | LC-05SV<br>Lock cover<br>Class 100100902: FA-MCCB: Mechanical Option                                                       |