



MATERIAL FACT SHEET

255081 NF250-SV 3P 225A

General Data

| | |
|---------------------|-------------------------------------|
| Product Hierarchy | IAN10201 |
| | MCCB |
| | WS-V 1 - NF Body |
| Ext. Material Group | 10 STANDARD ITEM |
| ABC Indicator | B (Limited Availability from Stock) |

e-shop: <https://emea.mitsubishielectric.com/fa/shop/material-page/000000000000255081>

FA-MCCB: Moulded-Case Circuit Breaker

| | |
|--------------------------------|----------------------------|
| Series | WS-V SERIES - MCCB |
| Type | NF-S TYPE (STANDARD CLASS) |
| Frame Size | 250 |
| Rated Current (A) | 225 |
| Current Type | AC/DC |
| Number of Poles | 3 |
| Rated Voltage (V) | 690 |
| Breaking Capacity at 400V (kA) | 36/36 |
| 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) | 105 |
| Height (mm) | 165 |
| Depth (mm) | 92 |
| Weight (kg) | 1,6 |

Logistic Dimensions & Gross Weight

| | |
|-------------------|-------|
| Length (cm) | 17,0 |
| Width (cm) | 12,5 |
| Height (cm) | 10,0 |
| Gross Weight (kg) | 1,652 |
| Volume (cdm) | 2,125 |

Stock Data

| | |
|------------------------------|----|
| Planned Delivery Time (Days) | 93 |
|------------------------------|----|

Life Cycle

| | |
|-------------|-----------------------------|
| Sales Start | 06.11.2012 |
| Predecessor | 209351 / NF250-SW 3P 225A W |

Additional Product Information

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|----------------------------|--------------------|
| Binding Tariff Information | DEBTI-20365/24-1 |
| BTI validity date | 25.09.2027 |
| Battery included | NO |
| Product Code | MCCB,MCB(FUKUYAMA) |

Export Data

| | |
|--|------------|
| Commodity Code | 85362010 |
| 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 | 71868-10-5 |
| Dangerous Goods Class | NO |
| Dangerous Goods Identifier | NO |
| RoHS Compliance | COMPLIANT |
| WEEE | B2B |

Conformity

| | |
|--------------------|-----------------|
| CE | COMPLIANT |
| EAC | NON-COMPLIANT |
| Shipping Approvals | NK, LR, ABS, GL |
| UKCA | COMPLIANT |

Documentation & Media Data

| | |
|----------------------------|---|
| Manual URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=NF250-SV%203P%20225A&doc-lang=en |
| Certificates URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=NF250-SV%203P%20225A&doc-lang=en |
| CAD URL Indicator | https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=NF250-SV%203P%20225A&doc-lang=en |

Product Packaging

| | |
|-------------------|----|
| Cardboard (g) | 97 |
| 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 |
|------------------------|--|
| 225426 | V-AD3S Variable-depth handle Adjustment Unit.V-05, V-1,V-2; ab. 300mm Class 100100902: FA-MCCB: Mechanical Option |
| 235194 | V-AD5S Variable-depth handle Adjustment Unit.V-05, V-1,V-2; ab. 500mm Class 100100902: FA-MCCB: Mechanical Option |
| 250427 | F-2SVUL LF DR Op. Type F. OFF Pos. lock, RESET Pos. open, ON up, NF/NV250-CVU/SVU/HVU 3P Class 100100902: FA-MCCB: Mechanical Option |
| 267210 | AL-05SV Alarm switch. 1CO; Flying lead; Left or Right hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267212 | AL-05SVLS Alarm switch. 1CO; Terminal block; Left hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267213 | AL-05SVLSB Alarm switch. 1CO; Terminal block; Left hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267226 | AL-05SVRS Alarm switch. 1CO; Terminal block; 3P; Right hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267228 | ALAX-05SV Alarm+Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267230 | ALAX-05SVLS Alarm+Auxiliary switch. 1CO, Terminal block, Left hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267234 | ALAX-05SVRS Alarm+Auxiliary switch. 1CO, Terminal block, 3P, Right hand fitting Class 100100903: FA-MCCB: Electrical Option |
| 267236 | AX-05SV Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option |
| 267238 | AX-05SVLS Auxiliary switch. 1CO, Terminal block, Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option |

| Material | Description / Price List Text / Classification |
|------------------------|---|
| 267242 | AX-05SVRS Auxiliary switch. 1CO, Terminal block, 3P, Right hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option |
| 267246 | AX2-05SVLS Auxiliary switch. 2CO; Terminal block, Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option |
| 267249 | BAF-2SV Front-side insulating barrier, for frame size 125-250A Class 100100902: FA-MCCB: Mechanical Option |
| 267259 | BTC-2SV3 Rear terminal cover. NF125,160,250-xxx 2 or 3P (W105) Class 100100902: FA-MCCB: Mechanical Option |
| 267359 | F-2SV LF DF Op. Type F. OFF Pos. lock,OFF Pos. open,ON up,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267360 | F-2SV LF DF Y Op. Type F. OFF Pos. lock,OFF Pos. open,ON L,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267361 | F-2SV LF DF Z Op. Type F. OFF Pos. lock,OFF Pos. open,ON R,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267362 | F-2SV LF DR Op. Type F. OFF Pos. lock,RESET Pos. open,ON up,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267363 | F-2SV LF DR Y Op. Type F. OFF Pos. lock,RESET Pos. open,ON L,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267364 | F-2SV LF DR Z Op. Type F. OFF Pos. lock,RESET Pos. open,ON R,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267365 | F-2SV LN DF Op. Type F. ON/OFF Pos. lock,OFF Pos. open,ON up,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267371 | F-2SVE LF DF Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON up,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267372 | F-2SVE LF DF Y Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON L,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267373 | F-2SVE LF DF Z Op. Type F Emerg. OFF Pos-lock,OFF Pos-open,ON R,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267374 | F-2SVE LF DR Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON up,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267375 | F-2SVE LF DR Y Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON L,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267376 | F-2SVE LF DR Z Op. Type F Emerg. OFF Pos-lock,RESET Pos-open,ON R,NF125,160,250 W105 2,3,4P Class 100100902: FA-MCCB: Mechanical Option |
| 267394 | FT-2SV3 Front connection screw terminal -EU Standard. For W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option |
| 267396 | HLF-05SV Handle lock device removable type. OFF lock. Class 100100902: FA-MCCB: Mechanical Option |
| 267397 | HLN-05SV Handle lock device removable type. ON lock. Class 100100902: FA-MCCB: Mechanical Option |
| 267400 | HLS-2SV Handle lock device fix type. OFF lock. For W105. Class 100100902: FA-MCCB: Mechanical Option |
| 267402 | MDSAD240-NF2SVE Electrical operation device. Motor AC 100-240V / DC 100-250V for NF W105 Class 100100903: FA-MCCB: Electrical Option |
| 267407 | MDSD024-NF2SVE Electrical operation device. Motor DC 24V for NF W105 Class 100100903: FA-MCCB: Electrical Option |

| Material | Description / Price List Text / Classification |
|------------------------|---|
| 267411 | MDS060-NF2SVE Electrical operation device. Motor DC 48-60V for NF W105 Class 100100903: FA-MCCB: Electrical Option |
| 267415 | MDSPSAD240-SV Power supply module for MDS. AC100-240V / DC100-250V Class 100100903: FA-MCCB: Electrical Option |
| 267416 | MDSPSD024-SV Class 100100903: FA-MCCB: Electrical Option |
| 267417 | MDSPSD060-SV Class 100100903: FA-MCCB: Electrical Option |
| 267418 | MI-05SV3 Mechanical interlock. For W75,W90 und W105; 2 und 3 poles. Panel mounting. Class 100100902: FA-MCCB: Mechanical Option |
| 267425 | MI-2SVFB3 Mechanical interlock. For W105; 3 poles. Breaker mounting. Class 100100902: FA-MCCB: Mechanical Option |
| 267436 | PMD-2SV3 Base of Plug-In kit without PLT, Safety Device. (W105, 3P) Class 100100902: FA-MCCB: Mechanical Option |
| 267450 | PMDN-2SV3 Plug-In kit without PLT, Safety Device. (W105, 3P) Class 100100902: FA-MCCB: Mechanical Option |
| 267464 | PMN-2SV3 Connector kit on breaker for Plug in connection. (W105, 3P) Class 100100902: FA-MCCB: Mechanical Option |
| 267474 | PTC-2SV3 Terminal Cover for Plug-In. (W90, 2P or 3P) Class 100100902: FA-MCCB: Mechanical Option |
| 267478 | SHTA048-05SVR Shunt trip. AC 24-48V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267479 | SHTA048-05SVRS Shunt trip. AC 24-48V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267483 | SHTA240-05SVR Shunt trip. AC 100-240V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267484 | SHTA240-05SVRS Shunt trip. AC 100-240V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267488 | SHTA550-05SVR Shunt trip. AC 380-550V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267489 | SHTA550-05SVRS Shunt trip. AC 380-550V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267493 | SHTD012-05SVR Shunt trip. DC 12V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267494 | SHTD012-05SVRS Shunt trip. DC 12V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267498 | SHTD036-05SVR Shunt trip. DC 24-36V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267499 | SHTD036-05SVRS Shunt trip. DC 24-36V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267503 | SHTD048-05SVR Shunt trip. DC 36-48V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267504 | SHTD048-05SVRS Shunt trip. DC 36-48V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267508 | SHTD125-05SVR Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |

| Material | Description / Price List Text / Classification |
|------------------------|--|
| 267509 | SHTD125-05SVRS Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267513 | SHTD250-05SVR Shunt trip. DC 220-250V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267514 | SHTD250-05SVRS Shunt trip. DC 220-250V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option |
| 267521 | SL-2SV3L Solderless terminal. 14 - 95mm ² , for W105 3-polig. Class 100100902: FA-MCCB: Mechanical Option |
| 267522 | SL-2SV3G Solderless terminal. 70 - 125mm ² , for W105 3-polig. Class 100100902: FA-MCCB: Mechanical Option |
| 267540 | ST-2SV3 Rear connection. For NF-SV W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option |
| 267549 | TCL-2SV3L Terminal cover - large. For W105 3-pole up to 250A max 150mm ² . Class 100100902: FA-MCCB: Mechanical Option |
| 267557 | TCS-2SV3 Terminal cover - small. For W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option |
| 267565 | TTC-2SV3 Terminal cover - transparent. For W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option |
| 267599 | UVTSA250-05SVR Under voltage trip. AC 200-250V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267600 | UVTSA250-05SVRS Undervoltage Tripping Device; AC 200-250V;30 to 250A frames;Right pole; with SLT Class 100100903: FA-MCCB: Electrical Option |
| 267604 | UVTSA480-05SVR Under voltage trip. AC 380-480V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267605 | UVTSA480-05SVRS Under voltage trip. AC 380-480V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267609 | UVTSA600-05SVR Under voltage trip. AC 500-600V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267610 | UVTSA600-05SVRS Under voltage trip. AC 500-600V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267614 | UVTSAD024-05SVR Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267615 | UVTSAD024-05SVRS Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267619 | UVTSAD048-05SVR Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267620 | UVTSAD048-05SVRS Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267624 | UVTSAD130-05SVR Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267625 | UVTSAD130-05SVRS Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267689 | UVTSA048-05SVRU05 Under voltage trip. AC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267690 | UVTSA048-05SVRSU05 Under voltage trip. AC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |

| Material | Description / Price List Text / Classification |
|------------------------|--|
| 267694 | UVTSA450-05SVRU05 Under voltage trip. AC 120/240/450V, 0,1/0,3/0,5 s, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267695 | UVTSA450-05SVRSU05 Under voltage trip. AC 120/240/450V, 0,1/0,3/0,5 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267709 | UVTSD048-05SVRU05 Under voltage trip. DC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267710 | UVTSD048-05SVRSU05 Under voltage trip. DC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267724 | UVTSA450-05SVRU30 Under voltage trip. AC 120/240/450V, 0,5/1,0/3,0 s, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option |
| 267725 | UVTSA450-05SVRSU30 Under voltage trip. AC 120/240/450V, 0,5/1,0/3,0 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option |
| 267755 | V-2SV V-handle. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle black. Class 100100902: FA-MCCB: Mechanical Option |
| 267756 | V-2SVE V-handle. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle red/yellow Class 100100902: FA-MCCB: Mechanical Option |
| 267761 | LC-05SV Lock cover Class 100100902: FA-MCCB: Mechanical Option |
| 403223 | AX2-05SVL Auxiliary switch. 2CO; Flying lead; Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option |
| 602591 | AX2-05SVLB Auxiliary switch.2CO; Flying lead; Left pole; For 30 to 250A; Minute load switch Class 100100903: FA-MCCB: Electrical Option |
| 602612 | AX2-05SVRB Auxiliary switch.2CO; Flying lead;Right pole; For 30 to 250A; Minute load switch Class 100100903: FA-MCCB: Electrical Option |