



## MATERIAL FACT SHEET

### 254908 NF125-SGV 3P 16-20A

#### 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/000000000000254908>

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

Series	WS-V SERIES - MCCB
Type	NF-S TYPE (STANDARD CLASS)
Frame Size	125
Rated Current (A)	16-20
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	30000
Cycles without Rated Current	50000
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)	13,0
Height (cm)	10,5
Gross Weight (kg)	1,563
Volume (cdm)	2,321

#### Stock Data

Planned Delivery Time (Days)	153
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#### Life Cycle

Sales Start	06.11.2012
Predecessor	204540 / NF125-SGW 3P RT 16-25A W

#### Additional Product Information

Binding Tariff Information	DEBTI-19902/24-1
BTI validity date	15.09.2027
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	<a href="#">119344-86-4</a>
REACH Substance CAS Number (2)	<a href="#">1306-19-0</a>
REACH Substance CAS Number (3)	<a href="#">80-43-3</a>
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

## Conformity

CE	COMPLIANT
UL/cUL	NON-COMPLIANT
EAC	NON-COMPLIANT
Shipping Approvals	LR, DNV-GL, BV, ABS, CCS
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-SGV%203P%2016-20A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=NF125-SGV%203P%2016-20A&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-SGV%203P%2016-20A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=NF125-SGV%203P%2016-20A&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-SGV%203P%2016-20A&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=NF125-SGV%203P%2016-20A&amp;doc-lang=en</a>

## 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
<a href="#">225426</a>	V-AD3S Variable-depth handle Adjustment Unit.V-05, V-1,V-2; ab. 300mm Class 100100902: FA-MCCB: Mechanical Option
<a href="#">235194</a>	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
<a href="#">267210</a>	AL-05SV Alarm switch. 1CO; Flying lead; Left or Right hand fitting Class 100100903: FA-MCCB: Electrical Option
<a href="#">267212</a>	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
<a href="#">267226</a>	AL-05SVRS Alarm switch. 1CO; Terminal block; 3P; Right hand fitting Class 100100903: FA-MCCB: Electrical Option
<a href="#">267228</a>	ALAX-05SV Alarm+Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting Class 100100903: FA-MCCB: Electrical Option
<a href="#">267230</a>	ALAX-05SVLS Alarm+Auxiliary switch. 1CO, Terminal block, Left hand fitting Class 100100903: FA-MCCB: Electrical Option
<a href="#">267234</a>	ALAX-05SVRS Alarm+Auxiliary switch. 1CO, Terminal block, 3P, Right hand fitting Class 100100903: FA-MCCB: Electrical Option
<a href="#">267236</a>	AX-05SV Auxiliary switch. 1CO, Flying lead, Left or Right hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
<a href="#">267238</a>	AX-05SVLS Auxiliary switch. 1CO, Terminal block, Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option
<a href="#">267242</a>	AX-05SVRS Auxiliary switch. 1CO, Terminal block, 3P, Right hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option
<a href="#">267246</a>	AX2-05SVLS Auxiliary switch. 2CO; Terminal block, Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option
<a href="#">267249</a>	BAF-2SV Front-side insulating barrier, for frame size 125-250A Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267259</a>	BTC-2SV3 Rear terminal cover. NF125,160,250-xxx 2 or 3P (W105) Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267359</a>	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
<a href="#">267360</a>	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
<a href="#">267361</a>	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
<a href="#">267362</a>	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
<a href="#">267363</a>	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
<a href="#">267364</a>	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
<a href="#">267365</a>	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
<a href="#">267371</a>	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
<a href="#">267372</a>	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
<a href="#">267373</a>	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
<a href="#">267374</a>	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
<a href="#">267375</a>	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
<a href="#">267375</a>	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
<a href="#">267376</a>	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
<a href="#">267393</a>	FT-2SV2 Front connection screw terminal -EU Standard. For W105 2-pole. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267396</a>	HLF-05SV Handle lock device removable type. OFF lock. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267397</a>	HLN-05SV Handle lock device removable type. ON lock. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267400</a>	HLS-2SV Handle lock device fix type. OFF lock. For W105. Class 100100902: FA-MCCB: Mechanical Option

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<a href="#">267402</a>	MDSAD240-NF2SVE Electrical operation device. Motor AC 100-240V / DC 100-250V for NF W105 Class 100100903: FA-MCCB: Electrical Option
<a href="#">267407</a>	MDSAD024-NF2SVE Electrical operation device. Motor DC 24V for NF W105 Class 100100903: FA-MCCB: Electrical Option
267411	MDSAD060-NF2SVE Electrical operation device. Motor DC 48-60V for NF W105 Class 100100903: FA-MCCB: Electrical Option
<a href="#">267415</a>	MDSPAD240-SV Power supply module for MDS. AC100-240V / DC100-250V Class 100100903: FA-MCCB: Electrical Option
267416	MDSPAD024-SV Class 100100903: FA-MCCB: Electrical Option
267417	MDSPAD060-SV Class 100100903: FA-MCCB: Electrical Option
<a href="#">267418</a>	MI-05SV3 Mechanical interlock. For W75,W90 und W105; 2 und 3 poles. Panel mounting. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267425</a>	MI-2SVFB3 Mechanical interlock. For W105; 3 poles. Breaker mounting. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267435</a>	PMD-2SV2 Base of Plug-In kit without PLT, Safety Device. (W105, 2P) Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267449</a>	PMDN-2SV2 Plug-In kit without PLT, Safety Device. (W105, 2P) Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267463</a>	PMN-2SV2 Connector kit on breaker for Plug in connection. (W105, 2P) Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267474</a>	PTC-2SV3 Terminal Cover for Plug-In. (W90, 2P or 3P) Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267478</a>	SHTA048-05SVR Shunt trip. AC 24-48V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267479</a>	SHTA048-05SVRS Shunt trip. AC 24-48V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267483</a>	SHTA240-05SVR Shunt trip. AC 100-240V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267484</a>	SHTA240-05SVRS Shunt trip. AC 100-240V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267488</a>	SHTA550-05SVR Shunt trip. AC 380-550V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267489</a>	SHTA550-05SVRS Shunt trip. AC 380-550V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267493</a>	SHTD012-05SVR Shunt trip. DC 12V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267494</a>	SHTD012-05SVRS Shunt trip. DC 12V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267498</a>	SHTD036-05SVR Shunt trip. DC 24-36V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267499</a>	SHTD036-05SVRS Shunt trip. DC 24-36V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267503</a>	SHTD048-05SVR Shunt trip. DC 36-48V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
<a href="#">267504</a>	SHTD048-05SVRS Shunt trip. DC 36-48V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267508</a>	SHTD125-05SVR Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267509</a>	SHTD125-05SVRS Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267513</a>	SHTD250-05SVR Shunt trip. DC 220-250V, R hand fitting, for W75, 90, 105. Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267514</a>	SHTD250-05SVRS Shunt trip. DC 220-250V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267524</a>	SL-2SV4L Solderless terminal. 14 - 95mm <sup>2</sup> , for W105 4-polig. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267525</a>	SL-2SV4G Solderless terminal. 70 - 125mm <sup>2</sup> , for W105 4-polig. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267539</a>	ST-2SV2 Rear connection. For NF-SV W105 2-pole. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267548</a>	TCL-2SV3 Terminal cover - large. For W105 3-pole up to 200A max 100mm <sup>2</sup> . Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267557</a>	TCS-2SV3 Terminal cover - small. For W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267565</a>	TTC-2SV3 Terminal cover - transparent. For W105 3-pole. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267599</a>	UVTSA250-05SVR Under voltage trip. AC 200-250V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267600</a>	UVTSA250-05SVRS Undervoltage Tripping Device; AC 200-250V;30 to 250A frames;Right pole; with SLT Class 100100903: FA-MCCB: Electrical Option
<a href="#">267604</a>	UVTSA480-05SVR Under voltage trip. AC 380-480V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267605</a>	UVTSA480-05SVRS Under voltage trip. AC 380-480V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267609</a>	UVTSA600-05SVR Under voltage trip. AC 500-600V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267610</a>	UVTSA600-05SVRS Under voltage trip. AC 500-600V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267614</a>	UVTSAD024-05SVR Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267615</a>	UVTSAD024-05SVRS Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267619</a>	UVTSAD048-05SVR Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267620</a>	UVTSAD048-05SVRS Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267624</a>	UVTSAD130-05SVR Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right, Flying lead. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267625</a>	UVTSAD130-05SVRS Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
<a href="#">267689</a>	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
<a href="#">267690</a>	UVTSA048-05SVRSU05 Under voltage trip. AC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267694</a>	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
<a href="#">267695</a>	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
<a href="#">267709</a>	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
<a href="#">267710</a>	UVTSD048-05SVRSU05 Under voltage trip. DC 24/48V, 0,1/0,3/0,5 s, Synch, Right, Terminal. Class 100100903: FA-MCCB: Electrical Option
<a href="#">267724</a>	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
<a href="#">267725</a>	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
<a href="#">267755</a>	V-2SV V-handle. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle black. Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267756</a>	V-2SVE V-handle. For 3 and 4-pole Breaker NF/DSN 125AF, 160AF, 250AF. Handle red/yellow Class 100100902: FA-MCCB: Mechanical Option
<a href="#">267761</a>	LC-05SV Lock cover Class 100100902: FA-MCCB: Mechanical Option
<a href="#">403223</a>	AX2-05SVL Auxiliary switch. 2CO; Flying lead; Left hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option
<a href="#">403224</a>	AX2-05SVR Auxiliary switch. 2CO; Flying lead; right 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