MITSUBISHI ELECTRIC EUROPE B.V.

Industrial Automation
Mitsubishi-Electric-Platz 1 40882 Ratingen Deutschland
Telefon +49 (0) 2102 486-0 Fax +49 (0) 2102 486-1120
https://emea.mitsubishielectric.com/fa

MATERIAL FACT SHEET

254951 NF125-LGV 4P 90-125A

General Data

Product Hierarchy	IAN10201
	MCCB
	WS-V 1 - NF Body
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000254951

FA-MCCB: Moulded-Case Circuit Breaker

Series	WS-V SERIES - MCCB
Type	NF-L TYPE (HIGH-PERFORMANCE)
Frame Size	125
Rated Current (A)	90-125
Current Type	AC/DC
Number of Poles	4
Rated Voltage (V)	690
Breaking Capacity at 400V (kA)	50/50
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)	140
Height (mm)	165
Depth (mm)	92
Weight (kg)	2

Logistic Dimensions & Gross Weight

Length (cm)	17,5
Width (cm)	17,5
Height (cm)	11,0
Gross Weight (kg)	2,269
Volume (cdm)	3,369

Stock Data

Planned Delivery Time (Days)	104

Life Cycle

Sales Start	06.11.2012
Predecessor	204549 / NF125-SGW 4P RT 80-125A 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
UL/cUL	NON-COMPLIANT
EAC	COMPLIANT
Shipping Approvals	NON-COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=NF125-LGV%204P%2090-125A&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=NF125-LGV%204P%2090-125A&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=NF125-LGV%204P%2090-125A&doc-lang=en

Product Packaging

Cardboard (g)	88
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 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
267242	AX-05SVRS Auxiliary switch. 1CO, Terminal block, 3P, Right hand fitting; For 30 to 250A Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
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
267411	MDSD060-NF2SVE Electrical operation device. Motor DC 48-60V for NF W105 Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
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
267509	SHTD125-05SVRS Shunt trip. DC 100-125V, R hand fitting, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option

Material	Description / Price List Text / Classification
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 - 95mm², for W105 3-polig. Class 100100902: FA-MCCB: Mechanical Option
267522	SL-2SV3G Solderless terminal. 70 - 125mm², 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 150mm². 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
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

Material	Description / Price List Text / Classification
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