

MATERIAL FACT SHEET

254841 NF125-SV 3P 80A

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/000000000000254841

FA-MCCB: Moulded-Case Circuit Breaker

Series	WS-V SERIES - MCCB
Type	NF-S TYPE (STANDARD CLASS)
Frame Size	125
Rated Current (A)	80
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
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Life Cycle

Sales Start	06.11.2012
Predecessor	209343 / NF125-SW 3P 80A W

Additional Product Information

Battery included	NO
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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	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=NF125-SV%203P%2080A&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=NF125-SV%203P%2080A&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=NF125-SV%203P%2080A&doc-lang=en

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
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
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
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
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
267257	BTC-1SV3 Rear terminal cover. NF125-xxx 3P (W90) Class 100100902: FA-MCCB: Mechanical Option
267311	F-1SV LF DF Op. Type F. OFF Pos-lock,OFF Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P Class 100100902: FA-MCCB: Mechanical Option
267312	F-1SV LF DF Y Op. Type F. OFF Pos-lock,OFF Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P Class 100100902: FA-MCCB: Mechanical Option
267313	F-1SV LF DF Z Op. Type F. OFF Pos-lock,OFF Pos-open,ON R,NF125-CV/SV/HV 3P/4P&HV 2P Class 100100902: FA-MCCB: Mechanical Option
267314	F-1SV LF DR Op. Type F. OFF Pos-lock,RESET Pos-open,ON up,NF125-CV/SV/HV 3P/4P&HV 2P Class 100100902: FA-MCCB: Mechanical Option
267315	F-1SV LF DR Y Op. Type F. OFF Pos-lock,RESET Pos-open,ON L,NF125-CV/SV/HV 3P/4P&HV 2P Class 100100902: FA-MCCB: Mechanical Option

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

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

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