



MATERIAL FACT SHEET

255122 NF250-SGV 4P 140-200A

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_I/A/EUR/en/p/000000000000255122

FA-MCCB: Moulded-Case Circuit Breaker

Series	WS-V SERIES - MCCB
Type	NF-S TYPE (STANDARD CLASS)
Frame Size	250
Rated Current (A)	140-200
Current Type	AC/DC
Number of Poles	4
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)	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)	2,300
Volume (cdm)	3,369

Stock Data

Planned Delivery Time (Days)	104
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Life Cycle

Sales Start	06.11.2012
Predecessor	204603 / NF250-SGW 4P RT 160-250A W
Successor	255131 / NF250-LGV 4P 140-200A

Additional Product Information

Battery included	NO
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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	NO
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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=NF250-SGV%204P%20140-200A&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=NF250-SGV%204P%20140-200A&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=NF250-SGV%204P%20140-200A&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
267214	AL-05SVRFS Alarm switch. 1CO; Terminal block; 4P; 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
267232	ALAX-05SVRFS Alarm+Auxiliary switch. 1CO, Terminal block, 4P, 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
267240	AX-05SVRFS Auxiliary switch. 1CO, Terminal block, 4P, 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
267260	BTC-2SV4 Rear terminal cover. NF125,160,250-xxx 4P (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
267395	FT-2SV4 Front connection screw terminal -EU Standard. For W105 4-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	MDSD060-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
267424	MI-2SV4 Mechanical interlock. For W105; 4 poles. Panel mounting. Class 100100902: FA-MCCB: Mechanical Option
267437	PMD-2SV4 Base of Plug-In kit without PLT, Safety Device. (W105, 4P) Class 100100902: FA-MCCB: Mechanical Option
267451	PMDN-2SV4 Plug-In kit without PLT, Safety Device. (W105, 4P) Class 100100902: FA-MCCB: Mechanical Option
267465	PMN-2SV4 Connector kit on breaker for Plug in connection. (W105, 4P) Class 100100902: FA-MCCB: Mechanical Option
267475	PTC-2SV4 Terminal Cover for Plug-In. (W90, 4P) 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
267480	SHTA048-05SVRFS Shunt trip. AC 24-48V, R hand fitting 4P, 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
267485	SHTA240-05SVRFS Shunt trip. AC 100-240V, R hand fitting 4P, 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
267490	SHTA550-05SVRFS Shunt trip. AC 380-550V, R hand fitting 4P, 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
267495	SHTD012-05SVRFS Shunt trip. DC 12V, R hand fitting 4P, 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
267500	SHTD036-05SVRFS Shunt trip. DC 24-36V, R hand fitting 4P, 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
267505	SHTD048-05SVRFS Shunt trip. DC 36-48V, R hand fitting 4P, 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
267510	SHTD125-05SVRFS Shunt trip. DC 100-125V, R hand fitting 4P, 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
267515	SHTD250-05SVRFS Shunt trip. DC 220-250V, R hand fitting 4P, for W75, 90, 105. Terminal block. Class 100100903: FA-MCCB: Electrical Option
267524	SL-2SV4L Solderless terminal. 14 - 95mm², for W105 4-polig. Class 100100902: FA-MCCB: Mechanical Option
267525	SL-2SV4G Solderless terminal. 70 - 125mm², for W105 4-polig. Class 100100902: FA-MCCB: Mechanical Option
267541	ST-2SV4 Rear connection. For NF-SV W105 4-pole. Class 100100902: FA-MCCB: Mechanical Option
267550	TCL-2SV4 Terminal cover - large. For W105 4-pole. Class 100100902: FA-MCCB: Mechanical Option
267558	TCS-2SV4 Terminal cover - small. For W105 4-pole. Class 100100902: FA-MCCB: Mechanical Option
267566	TTC-2SV4 Terminal cover - transparent. For W105 4-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
267601	UVTSA250-05SVRFS Undervoltage Trip; AC 200-250V;30 to 250A frames; Right pole (4poles); 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
267606	UVTSA480-05SVRFS Under voltage trip. AC 380-480V, Instantaneous, Synch, Right 4P, 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
267611	UVTSA600-05SVRFS Under voltage trip. AC 500-600V, Instantaneous, Synch, Right 4P, 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
267616	UVTSAD024-05SVRFS Under voltage trip. AC/DC 24V, Instantaneous, Synch, Right 4P, 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
267621	UVTSAD048-05SVRFS Under voltage trip. AC/DC 48V, Instantaneous, Synch, Right 4P, 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
267626	UVTSAD130-05SVRFS Under voltage trip. AC/DC 100-130V, Instantaneous, Synch, Right 4P, 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
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
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
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
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
267711	UVTSD048-05SVRFSU05 Under voltage trip. DC 24/48V, 0,1/0,3/0,5 s, Synch, Right 4P, 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
267726	UVTSA450-05SVRFSU30 Under voltage trip. AC 120/240/450V, 0,5/1,0/3,0 s, Synch, Right 4P, 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