MATERIAL FACT SHEET

270504 GT2712-STBA

General Data

Product Hierarchy	IAT93002
	HMI
	Large HMI
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000270504

FA-HMI: Human Machine Interface

Series	GOT2000 SERIES
Type	GT27 MODEL
Power Supply (V)	100-240
Current Type	AC
Display	TFT
Display Colour	65536
Display Size (Inch)	12,1
Resolution (Pixels)	800X600
Internal Memory Capacity (MB)	256
Memory Card Slot	SD
USB	3
Ethernet Port	1
RS-232	1
RS-422/485	1
Network Options	CCLINK
Network Options (2)	ETHERNET
Network Options (3)	MELSECNET
Network Options (4)	MODBUS
Network Options (5)	PROFIBUS
Slot for Optional Cards	YES
Protection Class	IP67F

Product Dimensions & Weight

Width (mm)	316
Height (mm)	246
Depth (mm)	52
Weight (kg)	2,4

Logistic Dimensions & Gross Weight

Length (cm)	40,0
Width (cm)	33,5
Height (cm)	12,5
Gross Weight (kg)	3,221
Volume (cdm)	16,750

Stock Data

Planned Delivery Time (Days)	86

Life Cycle

Sales Start	04.01.2014
Predecessor	221360 / GT1685M-STBA

Additional Product Information

Binding Tariff Information	DEBTI-10694/21-1
BTI validity date	10.10.2024
Battery included	YES - CHECK SPARE PART LIST

Export Data

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	10043-35-3
REACH Substance CAS Number (2)	101-80-4
REACH Substance CAS Number (3)	110-71-4
REACH Substance CAS Number (4)	1120-71-4
REACH Substance CAS Number (5)	1303-86-2
REACH Substance CAS Number (6)	1317-36-8
REACH Substance CAS Number (7)	19438-60-9
REACH Substance CAS Number (8)	25973-55-1
REACH Substance CAS Number (9)	7439-92-1
REACH Substance CAS Number (10)	872-50-4
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
UL/cUL	COMPLIANT
EAC	COMPLIANT
Shipping Approvals	ABS,BV,DNV,LR,NK,RINA
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=GT2712-STBA&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=GT2712-STBA&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=GT2712-STBA&doc-lang=en

Product Packaging

Cardboard (g)	800
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	25,7
Wood (g)	0
Glass (g)	0
Others (g)	0

Spare parts

Material	Description	Quantity	Unit
291167	GT27xx/25xx-STxA/VTxA PCB POWER	1	PC
163943	GT11-50BAT	1	PC
291170	GT27xx-XTBx/STBx/STWx/VTBx Bat Ext.Cable	1	PC
291172	GT2712-STBx/STWx LCD CBL	1	PC
291177	GT2712-STBx/STWx FFC CBL	1	PC
288119	GT2712-STBA/STBD/STWA/STWD DISPLAY	1	PC
291186	GT2712-STBx/STWx TOUCH PANEL	1	PC
291192	GT2712-STBA/STBD COVER REAR	1	PC
291198	GT27xx/25xx-XTBx/STxx/VTxx COV. I/F SIDE	1	PC
291199	GT27xx/25xx-XTBx/STxx/VTxx COVER I/F	1	PC
291201	GT2712-STBA/STBD COVER FRONT	1	PC
291208	GT27xx/25xx-STBx/VTBx PCB USB	1	PC
291211	GT2712-STBA/STBD PCB CONTROL	1	PC
291222	GT2715/12-XTBx/STBx/STWx Human Sensor	1	PC
291225	GT2712-STBA/STBD ENVIRONMENT SHEET	1	PC

Compatible products

Material	Description / Price List Text / Classification
163948	GT01-C30R4-8P Conn.cable F-CPU+GOT2000/GOT1000/GOT Simple;3m Class 100100303: FA-HMI: Cable
163949	GT01-C10R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 1 m Class 100100303: FA-HMI: Cable
163950	GT01-C100R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 10 m Class 100100303: FA-HMI: Cable
163951	GT01-C200R4-8P GOT Connection cable for CPU (MELSEC FX series) and GOT1000-series HMIs; 20 m Class 100100303: FA-HMI: Cable
163952	GT01-C300R4-8P GOT Connection cable for CPU CPU (MELSEC FX series) and GOT1000-series; 30 m Class 100100303: FA-HMI: Cable
163953	GT01-C30R4-25P Conn.cable AnS/QnAS/A/QnA/F-CPU+GOT2000/GOT1000/GOT Simple;3m Class 100100303: FA-HMI: Cable
163954	GT01-C100R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 10 m Class 100100303: FA-HMI: Cable
163955	GT01-C200R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 20 m Class 100100303: FA-HMI: Cable
163956	GT01-C300R4-25P GOT Connection cable for CPU (MELSEC AnS/QnAS or A/QnA) and GOT1000-series; 30 m Class 100100303: FA-HMI: Cable
163957	GT01-C30R2-9S GOT Connection cable for CPU (MELSEC FX with 9pin) and GOT1000-series HMIs; 3 m Class 100100303: FA-HMI: Cable
163958	GT01-C30R2-25P Connection cable; FXCPU D-sub 25-pin to GOT/PC (GT SoftGOT2000/1000) D-sub 9-pin Class 100100303: FA-HMI: Cable
166305	GT15-75QBUSL GOT Interface for GT15 HMIs and MELSEC SystemQ; 1 channel, slim model Class 100100302: FA-HMI: Interface Card
166306	GT15-75QBUS2L GOT Interface for GT15 HMIs and MELSEC SystemQ; 2 channels, slim model Class 100100302: FA-HMI: Interface Card
166321	GT05-MEM-128MC CF Karte with 128MB memory for GOT1000-Series Class 100100304: FA-HMI: Other Option
166322	GT05-MEM-256MC CF Karte with 256MB memory for GOT1000-Series Class 100100304: FA-HMI: Other Option
166323	GT05-MEM-ADPC GOT Adapter for using CF cards in a PCMCIA Slot Class 100100304: FA-HMI: Other Option
166342	GT15-80STAND GOT Stand for GT1585-STBA Class 100100304: FA-HMI: Other Option
166346	GT15-CBL Q-BUS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 0,6m Class 100100303: FA-HMI: Cable
166347	GT15-QC12B GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 1m Class 100100303: FA-HMI: Cable
166348	GT15-QC30B Conn.cable Q-BUS + GT27/GT25/GT16/GT15/GT11;3m Class 100100303: FA-HMI: Cable
166349	GT15-QC50B GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 5m Class 100100303: FA-HMI: Cable
166350	GT15-QC100B GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 10m Class 100100303: FA-HMI: Cable
166351	GT15-QC150BS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 15m Class 100100303: FA-HMI: Cable

Material	Description / Price List Text / Classification
166352	GT15-QC200BS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 20m Class 100100303: FA-HMI: Cable
166353	GT15-QC250BS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 25m Class 100100303: FA-HMI: Cable
166354	GT15-QC300BS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 30m Class 100100303: FA-HMI: Cable
166373	GT09-C30USB-5P USB programming cable for GOT2000, GOT1000 and GOT Simple; 3 m Class 100100303: FA-HMI: Cable
169465	GT15-QBUS GOT Interface for GT15 HMIs and MELSEC SystemQ; 1 channel, standard model Class 100100302: FA-HMI: Interface Card
169466	GT15-QBUS2 GOT Interface for GT15 HMIs and MELSEC SystemQ; 2 channels, standard model Class 100100302: FA-HMI: Interface Card
169469	GT15-RS2-9P GOT serial RS232 interface for GT15 HMIs; 9pin D-SUB Class 100100302: FA-HMI: Interface Card
169470	GT15-RS4-9S GOT serial RS422/485 interface for GT15 HMIs; 9pin D-SUB Class 100100302: FA-HMI: Interface Card
169471	GT15-RS4-TE GOT serial RS422/485 interface for GT15 HMIs; Terminal block Class 100100302: FA-HMI: Interface Card
170169	GT15-PRN GOT USB slave (PictBridge) for printer connection (GT15), 1 ch cable 3m included Class 100100302: FA-HMI: Interface Card
203494	GT15-J61BT13 GOT Interface for GT15 HMIs and CC-Link Intelligent station Class 100100302: FA-HMI: Interface Card
204632	FA-CNV2402CBL Communication cable for Q Series CPU; RS-232 to RS-422; 0,2m Class 100100303: FA-HMI: Cable
204633	FA-CNV2405CBL Communication cable for Q Series CPU; RS-232 to RS-422; 0,5m Class 100100303: FA-HMI: Cable
209826	GT15-SOUT GOT Sound output unit for GT15 Class 100100304: FA-HMI: Other Option
209827	GT15-DIO GOT External input/output unit for 16 (max 128) inputs/16 outputs Class 100100302: FA-HMI: Interface Card
218576	GT15-J71GP23-SX GOT CC-Link IE Interface for GT15/16 HMIs, 1GBaud, Fibre optic ring network Class 100100302: FA-HMI: Interface Card
221377	GT05-MEM-512MC CF Karte with 512MB memory for GOT1000-Series Class 100100304: FA-HMI: Other Option
221378	GT05-MEM-1GC CF Karte with 1GB memory for GOT1000-Series Class 100100304: FA-HMI: Other Option
221379	GT05-MEM-2GC CF Karte with 2GB memory for GOT1000-Series Class 100100304: FA-HMI: Other Option
221953	GT15-DIOR GOT digital I/O-card for GT15/GT16, 16 Inputs, 16 Outputs, negative common input Class 100100302: FA-HMI: Interface Card
225497	GT01-RS4-M RS-485 Multi-drop master unit, 16 GOTs to one FX/Q PLC Class 100100302: FA-HMI: Interface Card
229842	GT15-J71LP23-25 GOT Melsecnet/H/10 interface for GT15/GT16 HMIs, optical ring (SI) Class 100100302: FA-HMI: Interface Card
229843	GT15-J71BR13 GOT Melsecnet/H/10 interface for GT15/GT16 HMIs, coaxial bus Class 100100302: FA-HMI: Interface Card

Material	Description / Price List Text / Classification
234645	GT Works3 V01-2L0C-E
	HMI Programming-S/W for GOT2000/1000+SoftGOT; English; USB; 2 PC´s
	Class 100101202: FA-Software: Software HMI
234646	GT Works3 V01-5L0C-E
	HMI Programming-S/W for GOT2000/1000+SoftGOT; English; USB; 5 PC´s
	Class 100101202: FA-Software: Software HMI
234649	GT Works3 V01-2L0C-G
	HMI Programming-S/W for GOT2000/1000+SoftGOT; German; USB; 2 PC´s
	Class 100101202: FA-Software: Software HMI
234650	GT Works3 V01-5L0C-G
	HMI Programming-S/W for GOT2000/1000+SoftGOT;germ;USB;5 PC´s
	Class 100101202: FA-Software: Software HMI
247574	GT15-J71GF13-T2
	GT27/25/16/15 CC Link IE Field Network Module
	Class 100100302: FA-HMI: Interface Card
248883	GT14-C10EXUSB-4S
	GOT;Waterproof USB Host Cable
	Class 100100303: FA-HMI: Cable
273472	GT27-V4R1-Z
	GOT2000;Video input unit;4x NTSC/PAL;1x RGB
	Class 100100302: FA-HMI: Interface Card
273474	GT25-12PSCC-UC
	GOT2000;Protection foil;12,1";clear;USB port covered;5 pcs
	Class 100100304: FA-HMI: Other Option
273495	GT25-12PSCC
	GOT2000;Protection foil;12,1";clear; 5 pcs
	Class 100100304: FA-HMI: Other Option
273496	GT25-12PSGC
	GOT2000;Protection foil;12,1";anti glare; 5 pcs
	Class 100100304: FA-HMI: Other Option
273503	GT20-12PCO
	GOT2000;Oil protection foil;12,1"; 1 pcs
	Class 100100304: FA-HMI: Other Option
273506	GT25-UCOV
	GOT2000;USB Cover
	Class 100100304: FA-HMI: Other Option
273507	GT27-SGTKEY-U
	GOT2000;USB Dongle for GTSoftGOT
	Class 100100304: FA-HMI: Other Option
273516	GT27-MMR-Z
	GOT2000;Multimedia unit;Video input(NTSC/PAL);1 ch;Record/Play
	Class 100100302: FA-HMI: Interface Card
273517	GT27-V4-Z
	GOT2000;Video input unit;4x NTSC/PAL
	Class 100100302: FA-HMI: Interface Card
274946	GT25-MESIFKEY-1
	GOT2000;MES Functionality;1 Licence
	Class 100100304: FA-HMI: Other Option
274947	GT25-VNCSKEY-1
	GOT2000;VNC Server Functionality for GS21-N/GT21-W/GT25/GT27;1 Licence
	Class 100100304: FA-HMI: Other Option
274948	GT25-PCRAKEY-1
	GOT2000;PC Remote Access Functionality;1 Licence
	Class 100100304: FA-HMI: Other Option
278166	SC-E5EW-S45M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m
	Class 100100214: FA-MOD PLC: Cable
283975	GT25-WLAN
	GOT2000;WLAN option unit for GT27/GT25
	Class 100100302: FA-HMI: Interface Card
284966	NZ1MEM-2GBSD
	SD Memory Card; 2 GByte
	Class 100100215: FA-MOD PLC: Other Option
284967	NZ1MEM-4GBSD
	SD Memory Card; 4 GByte
	Class 100100215: FA-MOD PLC: Other Option
284968	NZ1MEM-8GBSD
	SD Memory Card; 8 GByte
	Class 100100215: FA-MOD PLC: Other Option

Material	Description / Price List Text / Classification
284969	NZ1MEM-16GBSD
	SD Memory Card; 16 GByte
	Class 100100215: FA-MOD PLC: Other Option
288056	GT27-R2
	GOT2000;Video input unit;2x RGB
	Class 100100302: FA-HMI: Interface Card
288057	GT27-ROUT
	GOT2000;Video output unit;1x RGB
	Class 100100302: FA-HMI: Interface Card
291807	SC-E5EW-S1M-MV
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m
	Class 100100214: FA-MOD PLC: Cable
291808	SC-E5EW-S3M-MV
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m
	Class 100100214: FA-MOD PLC: Cable
292523	GT25-FNADP
	GOT2000;GT27/25 Network adapter for Anybus CompactCom M40 Profibus DP/DeviceNet
	Class 100100302: FA-HMI: Interface Card
294485	GT25-WEBSKEY-1
	GOT2000;Webserver Functionality;1 Licence
	Class 100100304: FA-HMI: Other Option
295425	SC-E5EW-S05M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;0.5m
	Class 100100214: FA-MOD PLC: Cable
295426	SC-E5EW-S1M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m
	Class 100100214: FA-MOD PLC: Cable
295427	SC-E5EW-S3M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m
	Class 100100214: FA-MOD PLC: Cable
303960	GT25-12FIT-EXS
	GOT2000;Extra mounting clips for GT27/25 12" ATEX models;4 pcs
	Class 100100304: FA-HMI: Other Option
304016	GT25-J71E71-100
	GOT2000;Ethernet option unit for GT27/GT25
	Class 100100302: FA-HMI: Interface Card
308476	GT Works3 V01-2L0C-I
	HMI Programming-S/W for GOT2000/1000+SoftGOT; Italian; USB; 2 PC´s
	Class 100101202: FA-Software: Software HMI
315712	SW1DND-GTVO-M
	GOT2000;Sound Output Functionality;1 Licence
	Class 100100304: FA-HMI: Other Option
323273	GT09-C30R2-9P
	GOT RS-232 connection cable to MELSEC iQ-R; 3 m
	Class 100100303: FA-HMI: Cable
323274	GT09-C30R4-6C
	GOT RS-422 connection cable to MELSEC iQ-R; 3 m
	Class 100100303: FA-HMI: Cable
325191	AP30-ADN001AA-MA
	iQ Monozukuri ANDON;Contents Publisher;GOT Template;GOT Mobile/ANDON lic;1 pc
	Class 100100399: FA-HMI: Others
325192	AP30-ADN001AA-MB
	iQ Monozukuri ANDON;Contents Publisher;GOT Template;GOT Mobile/ANDON lic;5 pcs
	Class 100100399: FA-HMI: Others
325193	AP30-ADN001AA-MC
	iQ Monozukuri ANDON;Contents Publisher;GOT Template;GOT Mobile/ANDON lic;10 pcs
	Class 100100399: FA-HMI: Others
325194	AP30-ADN001AA-MD
	iQ Monozukuri ANDON;Contents Publisher;GOT Template;GOT Mobile/ANDON lic;15 pcs
	Class 100100399: FA-HMI: Others
325295	AP30-ADN001AA-ME
	iQ Monozukuri ANDON;Contents Publisher;GOT Template;GOT Mobile/ANDON lic;20 pcs
	Class 100100399: FA-HMI: Others
340435	GT09-C200R4-6C
	GOT RS-422 connection cable to MELSEC iQ-R; 20 m
	Class 100100303: FA-HMI: Cable
411028	GT27-VHOUT
	GOT2000;Video output unit; 1xHDMI (type A)
	Class 100100302: FA-HMI: Interface Card

Material	Description / Price List Text / Classification
412724	GOT Drive+ License
	GOT2000;GT Works3 Add-on;Enhanced Drive Control (Servo);1 Licence
	Class 100101202: FA-Software: Software HMI
413182	SC-E5EW-S10M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m
	Class 100100214: FA-MOD PLC: Cable
413183	SC-E5EW-S25M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m
	Class 100100214: FA-MOD PLC: Cable
413184	SC-E5EW-S5M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m
	Class 100100214: FA-MOD PLC: Cable
472393	GT25-VNCSKEY-10
	GOT2000;VNC Server Functionality for GS21-N/GT21-W/GT25/GT27;10 Licences
	Class 100100304: FA-HMI: Other Option
481665	GT25-J71GN13-T2
	GOT2000;CC-Link IE TSN communication unit for GT27/GT25
	Class 100100302: FA-HMI: Interface Card
486376	SC-E5EW-S2M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m
	Class 100100214: FA-MOD PLC: Cable
486377	SC-E5EW-S4M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m
	Class 100100214: FA-MOD PLC: Cable
487403	SC-E5EW-S15M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m
	Class 100100214: FA-MOD PLC: Cable
487404	SC-E5EW-S20M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m
	Class 100100214: FA-MOD PLC: Cable
491761	Verbatim microSDHC Card 16GB Class 10
	MicroSDHC memory card 16GB; Class 10; R/W: 10MB/s; adapter included
	Class 100100215: FA-MOD PLC: Other Option
494186	AP30-PRM001AA-MA
	iQ Monozukuri Process Remote Monitoring; GOT Template; 1 License (5 GOTs)
	Class 100101202: FA-Software: Software HMI
494187	AP30-PRM001AA-MB
	iQ Monozukuri Process Remote Monitoring; GOT Template; 5 Licenses (25 GOTs)
	Class 100101202: FA-Software: Software HMI
494188	AP30-PRM001AA-MC
	iQ Monozukuri Process Remote Monitoring; GOT Template; 10 Licenses (50 GOTs)
	Class 100101202: FA-Software: Software HMI
557483	SC-E5EW-S100M
	Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m
	Class 100100214: FA-MOD PLC: Cable
595998	GT25-12PSAC
	GOT2000; Antibacterial/Antiviral Protective Sheet; 12,1"; Clear; 5 pcs
	Class 100100304: FA-HMI: Other Option