



MATERIAL FACT SHEET

276816 GT2510-VTBD

General Data

Product Hierarchy	IAT93002
	HMI
	Large HMI
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/000000000000276816

FA-HMI: Human Machine Interface

Series	GOT2000 SERIES
Type	GT25 MODEL
Power Supply (V)	24
Current Type	DC
Display	TFT
Display Colour	65536
Display Size (Inch)	10
Resolution (Pixels)	640X480
Internal Memory Capacity (MB)	80
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)	303
Height (mm)	218
Depth (mm)	52
Weight (kg)	2,1

Logistic Dimensions & Gross Weight

Length (cm)	37,5
Width (cm)	29,0
Height (cm)	11,0
Gross Weight (kg)	2,700
Volume (cdm)	11,963

Stock Data

Planned Delivery Time (Days)	212
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Life Cycle

Sales Start	26.08.2014
Predecessor	270569 / GT2310-VTBD

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

Commodity Code	85371091
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	110-71-4
REACH Substance CAS Number (2)	1120-71-4
REACH Substance CAS Number (3)	127-19-5
REACH Substance CAS Number (4)	1303-86-2
REACH Substance CAS Number (5)	1317-36-8
REACH Substance CAS Number (6)	7439-92-1
REACH Substance CAS Number (7)	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=GT2510-VTBD&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=GT2510-VTBD&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=GT2510-VTBD&doc-lang=en

Product Packaging

Cardboard (g)	640
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
291168	GT27xx/25xx-STxD/VTxD PCB POWER	1	PC
163943	GT11-50BAT	1	PC
291174	GT2710/2510-VTBx/VTWx LCD CBL	1	PC
291178	GT2710/2510-STBx/VTBx/VTWx FFC CBL	1	PC
291182	GT2710/2510-VTBx/VTWx DISPLAY	1	PC
291188	GT2510-VTBx/VTWx TOUCH PANEL	1	PC
291196	GT2710/2510-STBx/VTBx 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
291203	GT2710-STBA COVER FRONT	1	PC
291208	GT27xx/25xx-STBx/VTBx PCB USB	1	PC
291216	GT2510-VTBA/VTBD PCB CONTROL	1	PC
291229	GT2510-VTBA/VTBD ENVIRONMENT SHEET	1	PC

Compatible products

Material	Description / Price List Text / Classification
163943	GT11-50BAT GOT Buffer battery for GT11 HMIs for clock and data backup Class 100100305: FA-HMI: Spare Part

Material	Description / Price List Text / Classification
163943	GT11-50BAT GOT Buffer battery for GT11 HMIs for clock and data backup Class 100101303: FA-OTHERS: Battery
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
163959	GT01-C30R2-6P Conn.cable Q/LCPU+GOT2000/GOT1000/GOT Simple / Progr.cable GT1020/30;3m 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
166341	GT15-70STAND GOT Stand for GT157x 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
166352	GT15-QC200BS GOT Connection cable for Q-BUS between GT15 and MELSEC System Q; 20m Class 100100303: FA-HMI: Cable

Material	Description / Price List Text / Classification
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
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
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

Material	Description / Price List Text / Classification
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
273496	GT25-12PSGC GOT2000;Protection foil;12,1";anti glare; 5 pcs Class 100100304: FA-HMI: Other Option
273497	GT25-10PSCC-UC GOT2000;Protection foil;10,4";clear;USB port covered;5 pcs Class 100100304: FA-HMI: Other Option
273498	GT25-10PSCC GOT2000;Protection foil;10,4";clear; 5 pcs Class 100100304: FA-HMI: Other Option
273499	GT25-10PSGC GOT2000;Protection foil;10,4";anti glare; 5 pcs Class 100100304: FA-HMI: Other Option
273504	GT20-10PCO GOT2000;Oil protection foil;10,4"; 1 pcs Class 100100304: FA-HMI: Other Option
273506	GT25-UCOV GOT2000;USB Cover Class 100100304: FA-HMI: Other Option
274946	GT25-MESIFKEY-1 GOT2000;MES Functionality;1 Licence Class 100100304: FA-HMI: Other Option
274947	GT25-VNCSKEY-1 GOT2000;VNC Server Functionality for 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
279811	GT21-03SDCD GOT2000;GT21 SD Card Option Unit Class 100100302: FA-HMI: Interface Card
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
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
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
284968	NZ1MEM-8GBSD SD Memory Card; 8 GByte Class 100100215: FA-MOD PLC: Other Option
284969	NZ1MEM-16GBSD SD Memory Card; 16 GByte Class 100100215: FA-MOD PLC: Other Option
284969	NZ1MEM-16GBSD SD Memory Card; 16 GByte Class 100100215: FA-MOD PLC: Other Option
291807	SC-E5EW-S1M-MV Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
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
293532	Anybus CompactCom M40 Profibus Anybus CompactCom M40 Profibus Module Class 100100302: FA-HMI: Interface Card
293533	Anybus CompactCom M40 DeviceNet Anybus CompactCom M40 DeviceNet Module 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
303959	GT25-10FIT-EXS GOT2000;Extra mounting clips for GT27/25 10" ATEX models;2 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
340984	Transcend SDHC card 16GB Class 10 SDHC memory card 16GB; Class 10; R: 30MB/s; W: 15MB/s Class 100100304: FA-HMI: Other Option
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

Material	Description / Price List Text / Classification
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 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
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
595997	GT25-10PSAC GOT2000; Antibacterial/Antiviral Protective Sheet; 10,4"; Clear; 5 pcs Class 100100304: FA-HMI: Other Option