



MATERIAL FACT SHEET

270555 GT2712-STBD

General Data

| | |
|---------------------|--------------------------|
| Product Hierarchy | IAT93002 |
| | HMI |
| | Large HMI |
| Ext. Material Group | 10 STANDARD ITEM |
| ABC Indicator | A (Available from Stock) |

FA-HMI: Human Machine Interface

| | |
|-------------------------------|----------------|
| Series | GOT2000 SERIES |
| Type | GT27 MODEL |
| Power Supply (V) | 24 |
| Current Type | DC |
| 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) | 34,0 |
| Height (cm) | 12,0 |
| Gross Weight (kg) | 3,220 |
| Volume (cdm) | 16,320 |

Stock Data

| | |
|------------------------------|----|
| Planned Delivery Time (Days) | 86 |
|------------------------------|----|

Life Cycle

| | |
|-------------|-----------------------|
| Sales Start | 04.01.2014 |
| Predecessor | 221361 / GT1685M-STBD |

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 | <u>10043-35-3</u> |
| REACH Substance CAS Number (2) | <u>101-80-4</u> |
| REACH Substance CAS Number (3) | <u>110-71-4</u> |
| REACH Substance CAS Number (4) | <u>1120-71-4</u> |
| REACH Substance CAS Number (5) | <u>1303-86-2</u> |
| REACH Substance CAS Number (6) | <u>1317-36-8</u> |
| REACH Substance CAS Number (7) | <u>19438-60-9</u> |
| REACH Substance CAS Number (8) | <u>25973-55-1</u> |
| REACH Substance CAS Number (9) | <u>7439-92-1</u> |
| REACH Substance CAS Number (10) | <u>872-50-4</u> |
| 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 |

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 |
|---------------|--|----------|------|
| <u>291168</u> | GT27xx/25xx-STxD/VTxD PCB POWER | 1 | PC |
| <u>163943</u> | GT11-50BAT | 1 | PC |
| <u>291170</u> | GT27xx-XTBx/STBx/STWx/VTBx Bat Ext.Cable | 1 | PC |
| <u>291172</u> | GT2712-STBx/STWx LCD CBL | 1 | PC |
| <u>291177</u> | GT2712-STBx/STWx FFC CBL | 1 | PC |
| <u>288119</u> | GT2712-STBA/STBD/STWA/STWD DISPLAY | 1 | PC |
| <u>291186</u> | GT2712-STBx/STWx TOUCH PANEL | 1 | PC |
| <u>291192</u> | GT2712-STBA/STBD COVER REAR | 1 | PC |
| <u>291198</u> | GT27xx/25xx-XTBx/STxx/VTxx COV. I/F SIDE | 1 | PC |
| <u>291199</u> | GT27xx/25xx-XTBx/STxx/VTxx COVER I/F | 1 | PC |
| <u>291201</u> | GT2712-STBA/STBD COVER FRONT | 1 | PC |
| <u>291208</u> | GT27xx/25xx-STBx/VTBx PCB USB | 1 | PC |
| <u>291211</u> | GT2712-STBA/STBD PCB CONTROL | 1 | PC |
| <u>291222</u> | GT2715/12-XTBx/STBx/STWx Human Sensor | 1 | PC |
| <u>291225</u> | 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 GTSofGOT 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 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 |
|---------------|---|
| <u>412724</u> | GOT Drive+ License GOT2000;GT Works3 Add-on;Enhanced Drive Control (Servo);1 Licence Class 100101202: FA-Software: Software HMI |
| <u>413182</u> | SC-E5EW-S10M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m Class 100100214: FA-MOD PLC: Cable |
| <u>413183</u> | SC-E5EW-S25M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m Class 100100214: FA-MOD PLC: Cable |
| <u>413184</u> | SC-E5EW-S5M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m Class 100100214: FA-MOD PLC: Cable |
| <u>472393</u> | GT25-VNCSKEY-10 GOT2000;VNC Server Functionality for GT25/GT27;10 Licences Class 100100304: FA-HMI: Other Option |
| <u>481665</u> | GT25-J71GN13-T2 GOT2000;CC-Link IE TSN communication unit for GT27/GT25 Class 100100302: FA-HMI: Interface Card |
| <u>486376</u> | SC-E5EW-S2M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m Class 100100214: FA-MOD PLC: Cable |
| <u>486377</u> | SC-E5EW-S4M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m Class 100100214: FA-MOD PLC: Cable |
| <u>487403</u> | SC-E5EW-S15M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m Class 100100214: FA-MOD PLC: Cable |
| <u>487404</u> | SC-E5EW-S20M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m Class 100100214: FA-MOD PLC: Cable |
| <u>491761</u> | 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 |
| <u>494186</u> | AP30-PRM001AA-MA iQ Monozukuri Process Remote Monitoring; GOT Template; 1 License (5 GOTs) Class 100101202: FA-Software: Software HMI |
| <u>494187</u> | AP30-PRM001AA-MB iQ Monozukuri Process Remote Monitoring; GOT Template; 5 Licenses (25 GOTs) Class 100101202: FA-Software: Software HMI |
| <u>494188</u> | AP30-PRM001AA-MC iQ Monozukuri Process Remote Monitoring; GOT Template; 10 Licenses (50 GOTs) Class 100101202: FA-Software: Software HMI |
| <u>557483</u> | SC-E5EW-S100M Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m Class 100100214: FA-MOD PLC: Cable |
| <u>595998</u> | GT25-12PSAC GOT2000; Antibacterial/Antiviral Protective Sheet; 12,1"; Clear; 5 pcs Class 100100304: FA-HMI: Other Option |