■ Dummy Module

Place keeper and mechanical protection

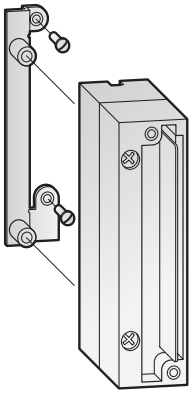
The dummy module QG60 protects unused slots on the base unit from dust and reserve I/O addresses.

Special features:

- Tough protection of unused slot
- Unified front view

Specifications		QG60
I/O points		0–1024 (selectable)
Application		Used to protect any vacant slot from dust.
Current consumption	mA	—
Weight	kg	0.07
Dimensions (WxHxD)	mm	27.4x98x90
Order information	Art. no.	129853

■ ERNT – Conversion adapters



AnS series adapters -> MELSEC System Q

These adapters enable a PLC of the MELSEC AnS series to be easily replaced by a MELSEC System Q PLC.

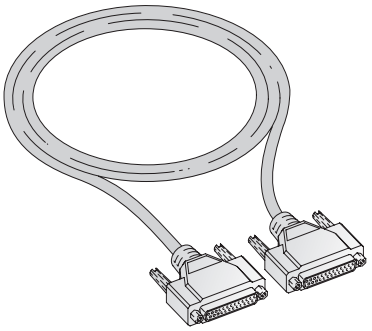
The terminal block adapters enable existing wiring for modules of the MELSEC AnS series to be connected to MELSEC System Q modules. The mounting adapters enable a MELSEC System Q base unit to be fitted using the existing fixing holes of the MELSEC AnS series.

Special features:

- No changes to wiring when replacing the PLC
- Time savings and fewer error sources
- Using the existing fixing holes avoids mechanical work in the electrical cabinet.

Item	Application	Art. no.
ERNT-ASQTXY10	Terminal block A1SX10/A1SY10 to QX10/QY10	249093
ERNT-ASQTX40	Terminal block A1SX40(-S1/S2) to QX40(-S1)	249094
ERNT-ASQTX80	Terminal block A1SX80(-S1/S2) to QX80	249135
ERNT-ASQTY22	Terminal block A1SY22 to QY22	249136
ERNT-ASQTY40	Terminal block A1SY40(P) to QY40P	249137
ERNT-ASQTY50	Terminal block A1SY50 to QY50	249138
ERNT-ASQTY80	Terminal block A1SY80 to QY80	249139
ERNT-ASQT64AD	Terminal block A1S64AD to Q64AD	249140
ERNT-ASQT68AD	Terminal block A1S68AD to Q68AD(V/I)	249141
ERNT-ASQT62DA	Terminal block A1S62DA to Q62DAN	249142
ERNT-ASQT68DA	Terminal block A1S68DA(V/I) to Q68DA(V/I)N	249143
ERNT-ASQB38	Base unit A1S38(H)B to Q38B	249144
ERNT-ASQB35	Base unit A1S35B to Q35B	249145
ERNT-ASQB33	Base unit A1S33B to Q33B	249146
ERNT-ASQB00J	Base unit A1SJ(H)CPU(-S3) to Q00(U)JCPU	249147
ERNT-ASQB68	Base unit A1S68B to Q68B	249148
ERNT-ASQB65	Base unit A1S65B to Q65B	249149
ERNT-ASQB55	Base unit A1S55B to Q55B	249150

■ Connection Cables



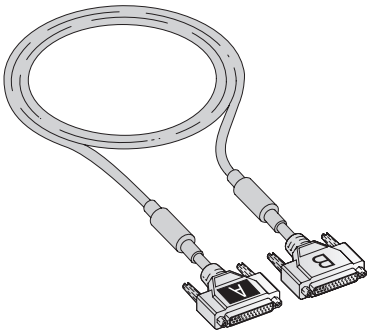
Connection cable for extension units

These connection cables are used for connecting base units to the extension units. They have been cut to the correct length for each application.

When the extension cables are used multiple, the overall distance of the cables should be within 13.2 m.

Specifications		QC05B	QC06B	QC12B	QC30B	QC50B	QC100B
For extension base units		Q52B, Q55B	Q63B, Q65B, Q68B, Q612B	Q63B, Q65B, Q68B, Q612B	Q63B, Q65B, Q68B, Q612B	Q63B, Q65B, Q68B, Q612B	Q63B, Q65B, Q68B, Q612B
Length	m	0.45	0.6	1.2	3.0	5.0	10.0
Order information	Art. no.	140380	129591	129642	129643	129644	129645

■ Tracking Cables



Connection cable for redundant CPUs

The tracking cable connects the two CPUs in a redundant system. Use only the QC10TR or QC30TR cables!

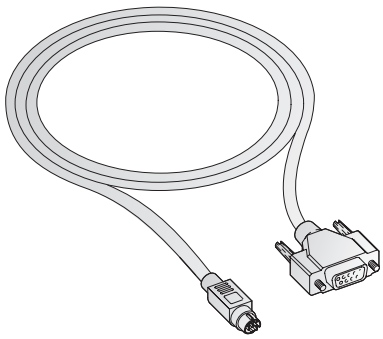
The connectors of the tracking cables are labelled A and B for System A and System B.

When both systems are started at the same time System A will be the active controller and System B will be the standby system.

The length of the extension cables cannot exceed 13.2 metre

Specifications		QC10TR	QC30TR
Purpose		Connection of the two CPU modules in a redundant system (QnPRHCPU)	
Length	m	1.0 m	3.0 m
Order information	Art. no.	157068	157069

■ Programming Cables



Programming cable for USB and RS232 interface

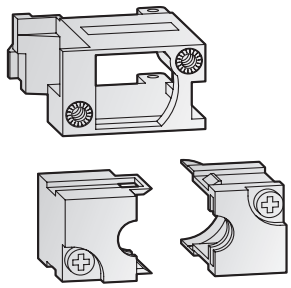
The QC30R2 and QC30-USB cables are used for programming a MELSEC System Q CPU via the RS-232 and standard USB ports.

The programming cable provides a 9-pin D-sub connector for the PC side and a 6-pin Mini-DIN connector for the PLC interface.

The USB cable is especially suited for a fast connection between PC and CPU.

Specifications		QC30R2	QC30-USB	USB-CAB-5M
Connection cable for		Connection between a PCs and a MELSEC System Q PLC via RS232 interface	Connection of a PC to a MELSEC System Q CPU via a standard USB port	Connection of a PC to an iQ CPU in the MELSEC System Q via a mini-USB port
Length	m	3.0	3.0	5.0
Order information	Art. no.	128424	136577	221540
Accessories		Connector disconnection prevention holder Q6HLD-R2	—	—

■ Connector Disconnection Prevention Holder

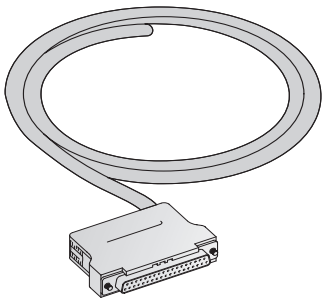


Disconnection prevention for RS232 cable

The connector disconnection prevention holder Q6HLD-R2 securely locks the RS232 connector of the programming cable to the CPU and prevents the connector from accidentally loosening (e.g. when connected to an HMI operator terminal).

Specifications		Q6HLD-R2
Application		Programming cable QC30R2
Order information	Art. no.	140381

■ Adapter Cables

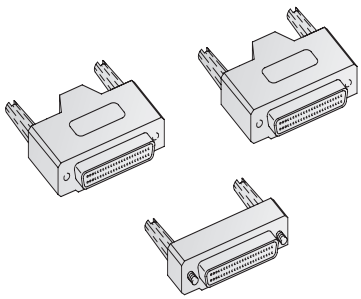


Assembled cable with D-SUB plug

The cables Q32CBL-3m and Q32CBL-5M are used for connecting the modules QX81 and QY81P of the MELSEC Q.

Specifications		Q32CBL-3M	Q32CBL-5M	Q32CBL-10M
Connection cable for	type	QX81/QY81P	QX81/QY81P	QX81/QY81P
Length	m	3.0	5.0	10.0
Order information	Art. no.	136575	136576	158066

■ 40-Pin Connectors



Connectors A6CON

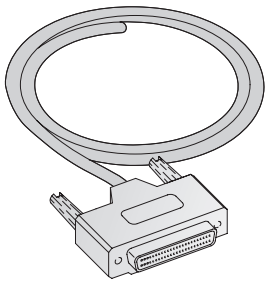
The 40-pin connectors are available in four different connection versions that differ in the way the leads are connected.

These connectors are required for all modules that connect to external signals via a 40-pin plug connection.

Whilst for the connectors A6CON-1 to A6CON-3 the cable is attached straight into the connector, in the case of the A6CON-4 the lead is angled.

Specifications		A6CON-2	A6CON-3	A6CON-4
Connector		Crimp-contact type	Pressure displacement type	Soldering type
Applicable wire size	mm^2	0.3	0.3	0.3
Order information	Art. no.	134140	134141	146923

■ Connection Cables with Connectors



Assembled cables

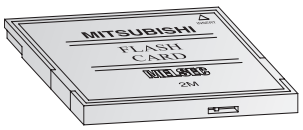
The cables Q40CBL-3M and Q40CBL-5M serve as connecting cables for I/O modules with 40-pin plug connection.

The cables are prefabricated, i.e. a 40-pin connector is already attached to one cable end.

The cables FA-CBLQ75M□□ are ready made cables for the connection of the positioning modules QD75D1/D2/D4 or QD75P1/P2/P4 to a Mitsubishi Electric servo amplifier MR-J2-Super or MR-C .

Specifications		Q40CBL-3M	Q40CBL-5M	Q40CBL-10M	FA-CBLQ75M2J2-P	FA-CBLQ75M2C-P	FA-CBLQ75PM2J2	FA-CBLQ75PM2C
Application range		All MELSEC System Q modules with 40-pin connectors, like e.g. QX71, QX72, QY41P, QY42P, QX82(-S1)			QD75D1/D2/D4 for connection with MELSERVO MR-J2-S	QD75D1/D2/D4 for connection with MELSERVO MR-C	QD75P1/P2/P4 for connection with MELSERVO MR-J2-S	QD75P1/P2/P4 for connection with MELSERVO MR-C
Length	m	3.0	5.0	10.0	2.0	2.0	2.0	2.0
Order information	Art. no.	140991	140997	158068	147697	147698	147699	147700

■ Memory Cards



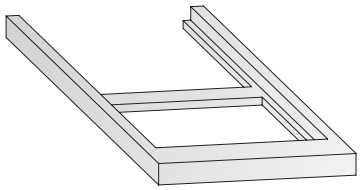
MELSEC System Q memory cards

All MELSEC System Q CPUs have a permanently installed RAM. This memory can be extended with a variety of external memory cards.

Specifications		Q2MEM-1MBS	Q2MEM-2MBS	Q2MEM-2MBF	Q2MEM-4MBF	Q2MEM-8MBA	Q2MEM-16MBA	Q2MEM-32MBA
Memory	type	SRAM	SRAM	Flash	Flash	ATA	ATA	ATA
Memory capacity		1 MB	2 MB	2 MB	4 MB	8 MB	16 MB	32 MB
Order information	Art. no.	127627	145399	127591	129646	129647	129648	129649

Specifications		Q3MEM-4MBS	Q3MEM-4MBS-SET	Q3MEM-8MBS	Q3MEM-8MBS-SET
Memory	type	SRAM	SRAM	SRAM	SRAM
Memory capacity		4 MB	4 MB	8 MB	8 MB
Order information	Art. no.	217621	217622	217623	217624

■ PCMCIA Adapter Unit



Buffer battery

The lithium battery Q6BAT is the replacement for the battery integrated for data backup in any MELSEC System Q CPU.

Specifications		Q2MEM-ADP
For memory cards	type	All MELSEC Q memory cards
Order information	Art. no.	129650

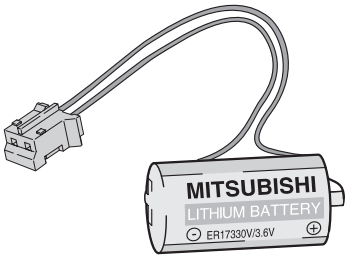
■ Battery Q2MEM-BAT

Memory card buffer battery

The lithium battery Q2MEM-BAT is a replacement battery for the SRAM memory card Q2MEM-1MBS.

Specifications		Q2MEM-BAT
For memory card	type	Q2MEM-1MBS and Q2MEM-2MBS
Voltage	V DC	3.0
Capacity	mA h	48
Order information	Art. no.	129854

■ Battery Q6BAT

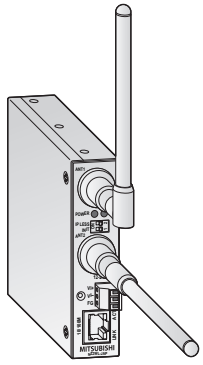


Buffer battery

The lithium battery Q6BAT is the replacement for the battery integrated for data backup in any MELSEC System Q CPU.

Specifications		Q6BAT
Voltage	V DC	3.0
Capacity	mA h	1800
Dimensions (Ø x H)	mm	Ø16x30
Order information	Art. no.	130376

■ Wireless LAN Adapter

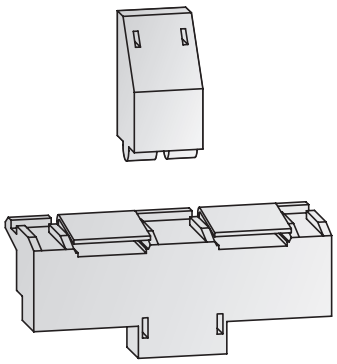


Wireless connection to networks

With the wireless LAN adapter NZ2WL-EU, a PLC system can be wirelessly connected to a network (LAN). This shortens the configuration and connection process at end-user facilities. The adapter complies to directives IEEE 802.11 a / b / g and can be configured as an access point or station.

Specifications			NZ2WL-EU
Wired LAN	Communications speed		10/100 Mbit/s
	Communications mode		Half duplex/full duplex
	Number of interfaces		1 (10BASE-T/100BASE-TX)
1 (10BASE-T/100BASE-TX)	Transmission method		Conforms to IEEE802.11 a/b/c
	Communications speed		1–54 Mbit/s
External power consumption	Voltage		12–24 V DC
	Current		Max. 0.4 A at 12 V DC, max. 0.2 A at 24 V DC
Dimensions (without aerial) (WxHxD)		mm	25x97x68
Weight		kg	0.25
Order information		Art. no.	249090

■ DIN Rail Mounting Adapter

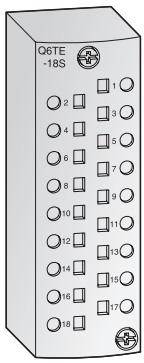


Adapter for mounting a MELSEC System Q on a DIN rail

The mounting adapter is used for easy and quick mounting the MELSEC System Q base units on a DIN rail.

Specifications		Q6DIN1	Q6DIN2	Q6DIN3
For base units		Q38B/Q312B/Q68B/Q612B	Q35B/Q65B	Q33B/Q63B
Dimensions (WxH)	mm	328x98	245x98	198x98
Order information	Art. no.	129673	129674	136368

■ Interchangeable Terminal Blocks for I/O Modules



Terminal blocks for screw-less wiring

As an alternative to the standard screw terminal blocks for the input/output modules, there are three different screw-less terminal blocks available.

The spring clamp terminal blocks Q6TE-18S and Q6TE-18SN permit the connection of single or multi-ple-wire copper conductors, whereby the stripped cable ends are pressed vertically into the terminal and are held by a traction spring.

In the case of the Q6TA32 terminal block, contact is made by pressing in the wire with the optional insertion tool without having to strip the wire first. This allows for rapid wiring of the terminals.

Specifications		Q6TE-18S	Q6TE-18SN	Q6TA32
Type		Spring clamp terminal block	Spring clamp terminal block	IDC terminal block adapter
Applicable modules		All MELSEC System Q modules with terminal block for 18 screw terminals		QX41, QX71, QY41P, QY71
Applicable wire size	mm^2	0.3–1.5	0.3–1.5	0.5
Weight	kg	0.07	0.07	0.08
Order information	Art. no.	141646	249089	145034
Accessories		—	—	Insertion tool Q6TA32TOL, art. no.: 145035