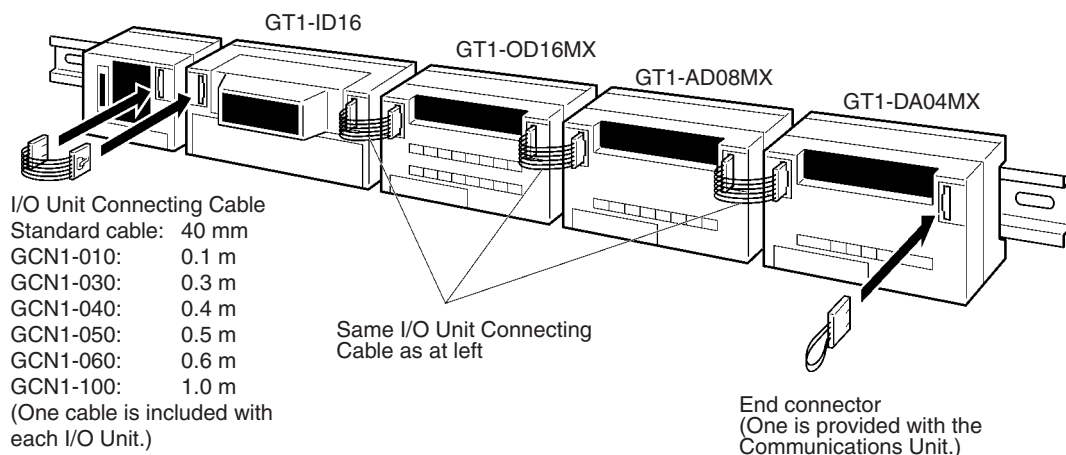
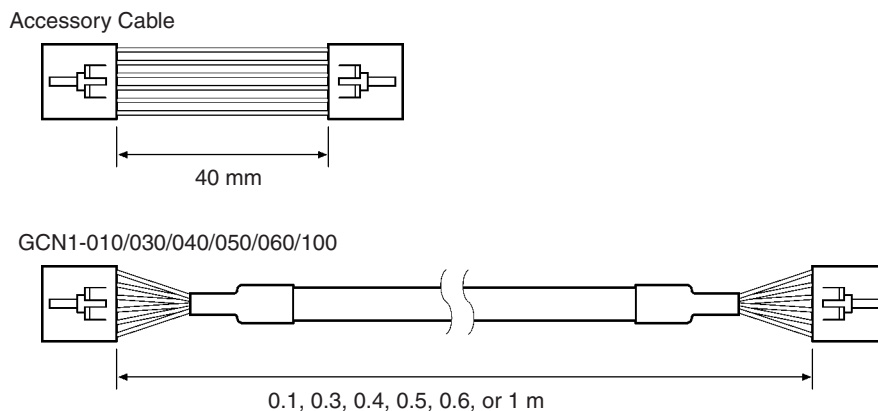


• Connecting I/O Unit Connecting Cable

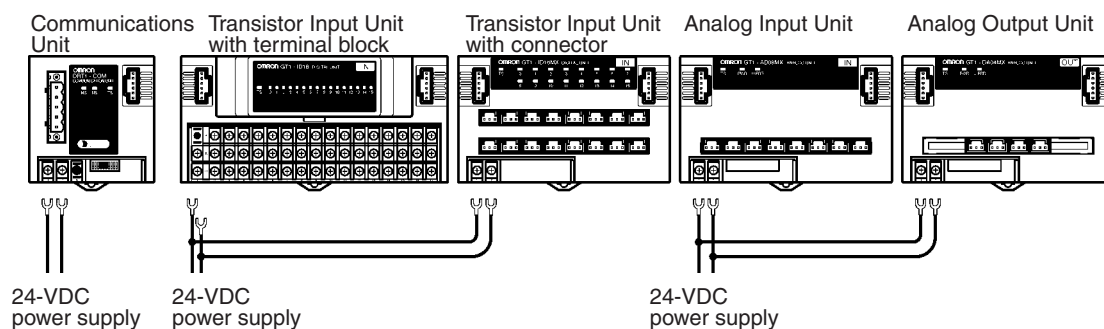


To connect each pair of Units, connect I/O Unit interface communications connector 2 on the Unit closer to the Communications Unit to I/O Unit interface communications connector 1 on the Unit closer to the end Unit.

Note The connecting cable for the I/O Unit is shown below.



• Connecting Communications Unit and I/O Unit Power



Note Be sure to separate the communications power supply, the internal power supply for the Communications Unit and the CPU Bus Unit, and the power supplies for the I/O Units. If the same power supply is used, malfunction due to noise may occur.

The capacity required for the Communications Unit internal power supply, can be obtained using the following formula:

Communications Unit internal power supply current
 = Communications Unit internal current consumption + Sum of I/O Unit Interface current consumption

2. The cables made by Allen-Bradley are stiffer than the cables made by OMRON and Nihon Wire & Cable Company Ltd., so do not bend the Allen-Bradley cables as much as the others.

Connectors

Model	Specifications	Manufacturer
MSTB2.5/5-ST-5.08AU	For node connection Without connector set screws (Attach to DRT1-ID08(-1), -ID16(-1), -OD08(-1), -OD16(-1), -ID16X(-1), -OD16X(-1), -HD16S, -ND16S, -AD04, -AD04H, -DA02, -TS04T, -TS04P)	Phoenix Contact K.K. Reference No: 1752399

Connector Screwdriver

Model	Specifications	Manufacturer
SZF-1	Special screwdriver for DeviceNet connectors	Phoenix Contact K.K.

Terminating Resistors

Model	Specifications	Manufacturer
DRS1-T	Terminal-block Terminating Resistor, 121 Ω	OMRON

Note Also can be used as Terminating Resistor with T-branch Tap.

T-branch Tap

Model	Specifications	Manufacturer
DCN1-1C	3 connectors provided (When used on trunk line, 1 drop line can be connected.) Terminating Resistor can be connected.	OMRON
DCN1-3C	5 connectors provided (When used on trunk line, 3 drop lines can be connected.) Terminating Resistor can be connected.	OMRON

Power Supply Tap

Model	Specifications	Manufacturer
DCN1-1P	Power supply 1-branch tap with 2 connectors (provided)	OMRON
1485T-P2T5-T5	Required when connecting more than one power supply. Countercurrent flow prevention, ground terminal provided	Allen-Bradley

I/O Unit Connecting Cables for MULTIPLE I/O TERMINAL Units

Model	Specifications	Manufacturer
(Provided with I/O Units)	Cable length: 40 mm	OMRON
(Provided with Communications Unit)	End connector	
GCN1-010	Cable length: 0.1 m	
GCN1-030	Cable length: 0.3 m	
GCN1-040	Cable length: 0.4 m	
GCN1-050	Cable length: 0.5 m	
GCN1-060	Cable length: 0.6 m	
GCN1-100	Cable length: 1.0 m	