


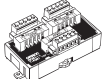
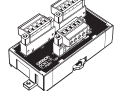
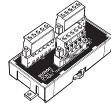
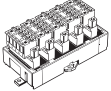
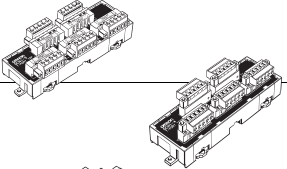
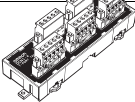
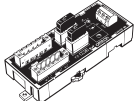
Peripheral Devices

General-purpose Peripheral Devices

Peripheral Devices for DeviceNet Communications

Ordering Information

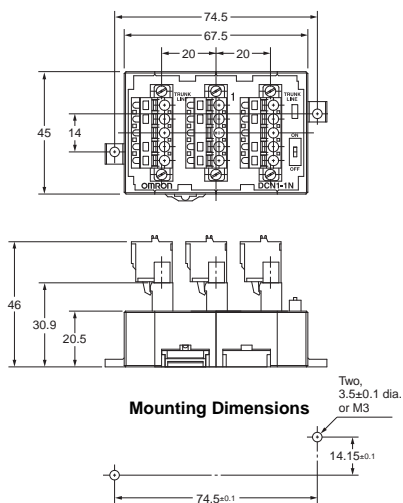
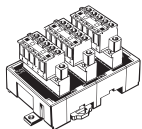
● General-purpose Models

Product	Appearance	Model	Specifications	
T-branch Tap for 1 branch line		DCN1-1NC	Cable wiring direction: Toward top Cable lock direction: From top Connector screw direction: From top	Provided with 3 parallel connectors with clamps (XW4G-05C1-H1-D), standard terminating resistor
		DCN1-1C	Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From side	Provided with 3 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor
		DCN1-2C	Cable wiring direction: Toward top Cable screw direction: From side Connector screw direction: From top	
		DCN1-2R	Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From top	Provided with 3 orthogonal connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor
T-branch Tap for 3 branch lines		DCN1-3NC	Cable wiring direction: Toward top Cable lock direction: From top Connector screw direction: From top	Provided with 5 parallel clamp connectors with screws (XW4G-05C1-H1-D), standard terminating resistor
		DCN1-3C	Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From side	Provided with 5 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor
		DCN1-4C	Cable wiring direction: Toward top Cable screw direction: From side Connector screw direction: From top	
		DCN1-4R	Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From top	Provided with 5 orthogonal clamp connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor
Power Supply Tap		DCN1-1P	Tap provided with 2 connectors, standard terminating resistor, and fuse	

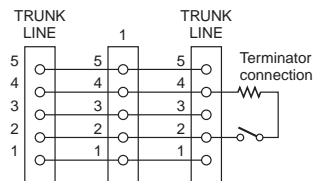
Dimensions

● General-purpose Models

T-branch Tap for 1 branch line DCN1-1NC (With Three Branching Connectors)

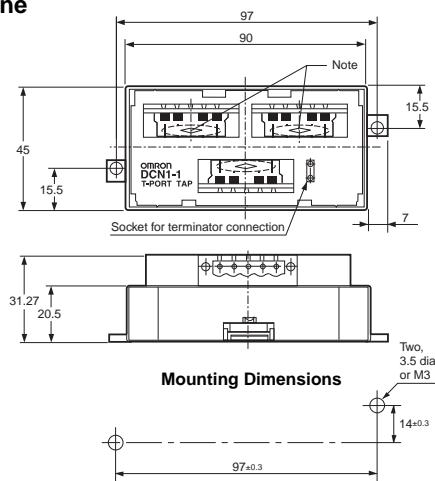
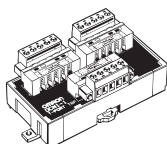


Internal Circuit

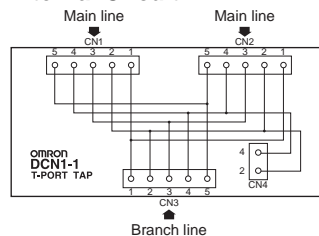


Terminal No.	Name
1	V-
2	CAN L
3	DRAIN
4	CAN H
5	V+

T-branch Tap for 1 branch line DCN1-1C (With Three Branching Connectors)



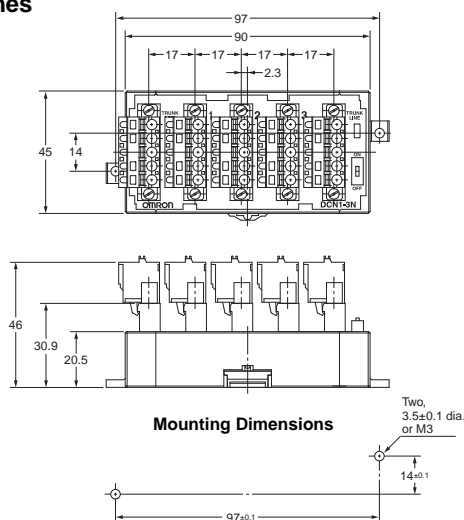
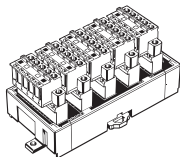
Internal Circuit



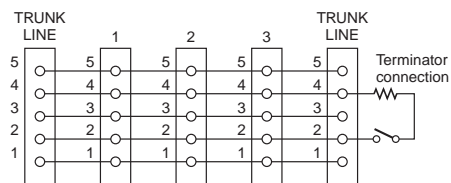
Terminal No.	Name
1	V-
2	CAN L
3	DRAIN
4	CAN H
5	V+

Note: When connecting a branch line to the main line, connect the main line to the connector marked with an asterisk because the resistance between the asterisks is minimal.

T-branch Tap for 3 branch lines DCN1-3NC (With Five Branching Connectors)




















Internal Circuit



Terminal No.	Name
1	V-
2	CAN L
3	DRAIN
4	CAN H
5	V+

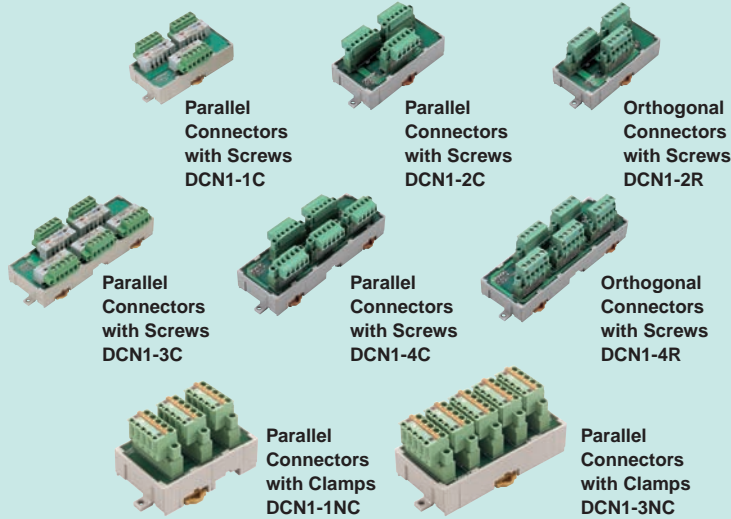
Peripheral Devices

● Models for Standard Cables

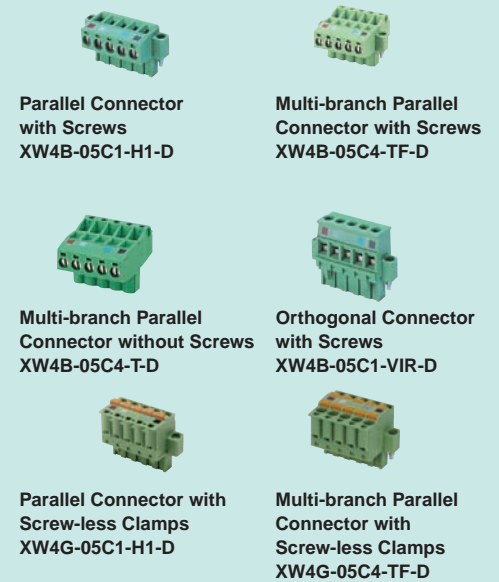
Product	Appearance	Specifications		Model
T-branch Tap for 1 branch line		Cable wiring direction: Toward top Cable lock direction: From top Connector screw direction: From top	Provided with 3 parallel clamp connectors with screws (XW4G-05C1-H1-D), standard terminating resistor	DCN1-1NC
		Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From side	3 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor	DCN1-1C
		Cable wiring direction: Toward top Cable screw direction: From side Connector screw direction: From top		DCN1-2C
		Cable wiring direction: From side Cable screw direction: From top Connector screw direction: From top	3 vertical-type connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor	DCN1-2R
T-branch Tap for 3 branch lines		Cable wiring direction: Toward top Cable lock direction: From top Connector screw direction: From top	Provided with 5 parallel clamp connectors with screws (XW4G-05C1-H1-D), standard terminating resistor	DCN1-3NC
		Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From side	5 parallel connectors with screws (XW4B-05C1-H1-D), standard terminating resistor	DCN1-3C
		Cable wiring direction: Toward top Cable screw direction: From side Connector screw direction: From top		DCN1-4C
		Cable wiring direction: Toward side Cable screw direction: From top Connector screw direction: From top	5 vertical-type connectors with screws (XW4B-05C1-VIR-D), standard terminating resistor	DCN1-4R
Power Supply Tap		2 connectors, standard terminating resistor, fuse		DCN1-1P
Connector		Parallel clamp connector with screws (Connector insertion and wiring performed in the same direction)		XW4G-05C1-H1-D
		Parallel multi-branching clamp connector with screws (Connector insertion and wiring performed in same direction)		XW4G-05C4-TF-D
		Parallel connector with screws (Connector insertion and wiring performed in the same direction)		XW4B-05C1-H1-D
		Parallel connector with screws (Connector insertion and wiring performed in the same direction)		XW4B-05C4-T-D
		Parallel, multi-branching connector with screws (Connector insertion and wiring performed in the same direction)		XW4B-05C4-TF-D
		Orthogonal connector with screws (Connector insertion and wiring performed at a right angle)		XW4B-05C1-VIR-D
Special Cables		Thin cable Length: 100 m DCA1-5C10-B: Cable color: Blue DCA1-5C10: Cable color: Grey		DCA1-5C10(-B)
		Thick cable Length: 100 m DCA2-5C10-B: Cable color: Blue DCA2-5C10: Cable color: Grey		DCA2-5C10(-B)
Terminal-block Terminator		Resistance of 121 Ω		DRS1-T

Standard Cables P. 138

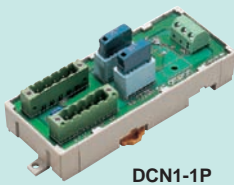
■ T-branch Taps



■ Connectors



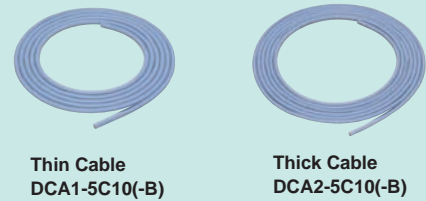
■ Power Supply Tap



■ Terminal-block Terminator



■ DeviceNet Standard Cables



Flat Cables P. 140

