

Bit Slave Units with Compact Connectors

CRT1B-□D02JS(-1)/□D04JS(-1)

Bit slave of smallest class in industry

Innovation in wiring for any type of machinery

- Available in 2 types: 2-point Bit Slave Unit and 4-point Bit Slave Unit.
- Compact size for installation in limited space. Save space and wiring since bit slave can be installed near I/O devices.
- Industry first bit slave connectable with round cables which can be easily purchased at a lower price. Connectable with flat cables, too for easy wiring. Cables are selectable depending on applications.



Ordering Information

Name	Specifications			Model
Compact Connectors	Inputs	2 inputs	NPN	CRT1B-ID02JS
		2 outputs	PNP	CRT1B-ID02JS-1
	Outputs	2 inputs	NPN	CRT1B-OD02JS
		2 outputs	PNP	CRT1B-OD02JS-1
	Inputs/Outputs	1 input/1 output	NPN	CRT1B-MD02JS
		1 input/1 output	PNP	CRT1B-MD02JS-1
	Inputs	4 inputs	NPN	CRT1B-ID04JS
		4 outputs	PNP	CRT1B-ID04JS-1
	Outputs	4 inputs	NPN	CRT1B-OD04JS
		4 outputs	PNP	CRT1B-OD04JS-1
	Inputs/Outputs	2 inputs/2 outputs	NPN	CRT1B-MD04JS
		2 inputs/2 outputs	PNP	CRT1B-MD04JS-1
Mounting Bracket				CRT1-ATT03

● Peripheral Devices

For Round Cable I

Name	Model
Open Type Connector (for Unit connection) (Honda Tsushin Kogyo Co.,Ltd.)	HCN-TB4LMZG+ *1
Terminating Resistor	DRS1-T

For Round Cable II

Name	Model
Open Type Connector (for Unit connection) (Honda Tsushin Kogyo Co.,Ltd.)	HCN-TB4LMZG+ *1
Terminating Resistor	DCN4-TM4 *2
Flat Connector Socket	DCN4-TR4 *2

Note: The DCN4-MD4 Multidrop Connector cannot be used with Bit Slaves with Compact Connectors. Use Open Type Connector from Honda Tsushin Kogyo Co., Ltd.

For Flat Cable I

Name	Model
Flat Connector Socket	DCN4-TR4 *2
Flat Connector Plug	DCN4-BR4 *2
Flat Multidrop Connector Plug	DCN4-MR4 *2
Terminating Resistor	DCN4-TM4 *2
Special Tools	DWT-A01


Note: The DCN4-MD4 Multidrop Connector cannot be used with Bit Slaves with Compact Connectors.

*1 For information of HCN-TB4LMZG+, contact to Honda Tsushin Kogyo Co.,Ltd. Tel:+81-52-242-2111

*2 The minimum quantity packaged is 10 Connectors.Oder the Connectors in multiples of 10.

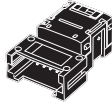





Peripheral Devices

■ Communications Cables

Name	Appearance	Specification	Model	Standards
Flat Cable I		4-conductor flat cable (UL2555) Length: 100 m Conductor diameters: 0.75 mm ² × 2, 0.5 mm ² × 2	DCA4-4F10	---

Note. Also can be used with general-purpose round cable I (VCTF 2-conductor cable).



● For Flat Cable I

Name	Appearance	Specification	Model	Standards
Flat Connector Socket		Use this Connector in a set with a DCN4-BR4 Flat Connector Plug for the following applications. <ul style="list-style-type: none"> Extending the trunk line or a sub-trunk line T-branching from the trunk line or a sub-trunk line T-branching a sub-branch line from a branch line Use this Connector independently for the following applications. <ul style="list-style-type: none"> Used when connecting a DCN4-TM4 Terminating Resistor to the end of the trunk line or a sub-trunk line. 	DCN4-TR4 *	---
Flat Connector Plug		Use this Connector in a set with a DCN4-TR4 Flat Connector Socket for the following applications. <ul style="list-style-type: none"> Extending the trunk line or a sub-trunk line T-branching from the trunk line or a sub-trunk line T-branching a sub-branch line from a branch line Use this Connector independently for the following applications. <ul style="list-style-type: none"> Connecting Communications Cable to a Unit Connecting Communications Cable to a DCN4-MD4 Multidrop Connector (when a multidrop connection is used) 	DCN4-BR4 *	
Multidrop Connector		Use Multidrop Connectors for multi-drop wiring of Slave Units or Repeater Units to trunk lines, sub-trunk lines, or branch lines.	DCN4-MD4 *	
Multidrop Connector Plug		Connecting Communications Cable to a Unit in a multidrop connection This connector can be used with the following Units: Bit Slave Units with Compact Connectors (CRT1B-□D0□JS(-1))	DCN4-MR4	
Terminating Resistance		This is a Connector-type Terminating Resistor for Flat Cable I or Round Cable II. It is connected to a DCN4-TR4 Flat Connector Socket at the end of a trunk line or sub-trunk line.	DCN4-TM4 *	
Special Tools		This is the crimping tool for the following connectors: <ul style="list-style-type: none"> DCN4-TR4(-1) Flat Connector Socket DCN4-BR4 Flat Connector Plug DCN4-BR4D Conversion Connector for Standard Thin Cable and Flat Cable 	DWT-A01	

Note. Multidrop Connectors (DCN4-MD4) are not connectable with Bit Slave Units with Compact Connectors, Use Multidrop Connector Plugs (DCN4-MR4) instead.

* The minimum quantity packaged is 10 Connectors. Order the Connectors in multiples of 10.


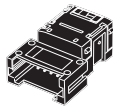



● For Round Cable I

Name	Appearance	Application	Model	Standards
Open Type Connector (for connecting Units)		Converts the Unit's communications connector into a screw terminal block to enable connecting round cable to a Slave Unit or Repeater Unit.	DCN4-TB4 *	---
Terminating Resistor		This is a Terminal Block-type Terminating Resistor for Round cable I or Round cable II. It is connected to the end of a trunk line or sub-trunk line round cable.	DRS1-T	U

Note: The DCN4-TB4 Multidrop Connector cannot be used with Bit Slaves with Compact Connectors. Use Open Type Connector (for Unit connection) HCN-TB4LMZG+ from Honda Tsushin Kogyo Co., Ltd. Tel:+81-52-242-2111

* The minimum quantity packaged is 10 Connectors. Order the Connectors in multiples of 10.

● For Round Cable II

Name	Appearance	Application	Model	Standards
Open Type Connector (for connecting Units)		Converts the Unit's communications connector into a screw terminal block to enable connecting round cable to a Slave Unit or Repeater Unit.	DCN4-TB4 *	---
Flat Connector Socket		Use this Connector in a set with a DCN4-BR4 Flat Connector Plug for the following applications. <ul style="list-style-type: none">• Extending the trunk line or a sub-trunk line• T-branching from the trunk line or a sub-trunk line• T-branching a sub-branch line from a branch line	DCN4-TR4 *	
		Use this Connector independently for the following applications. <ul style="list-style-type: none">• Used when connecting a DCN4-TM4 Terminating Resistor to the end of the trunk line or a sub-trunk line.		
Terminating Resistance		This is a Connector-type Terminating Resistor for Flat Cable I or Round cable II. It is connected to a DCN4-TR4 Flat Connector Socket at the end of a trunk line or sub-trunk line.	DCN4-TM4 *	
		This is a Terminal Block-type Terminating Resistor for Round cable I or Round cable II. It is connected to the end of a trunk line or sub-trunk line round cable.	DRS1-T	
Special Tools		This is the crimping tool for the following connectors: <ul style="list-style-type: none">• DCN4-TR4(-1) Flat Connector Socket• DCN4-BR4 Flat Connector Plug• DCN4-BR4D Conversion Connector for Standard Thin Cable and Flat Cable	DWT-A01	

Note. The DCN4-TB4 Multidrop Connector cannot be used with Bit Slaves with Compact Connectors. Use Open Type Connector (for Unit connection) HCN-TB4LMZG+ from Honda Tsushin Kogyo Co., Ltd. Tel:+81-52-242-2111

* The minimum quantity packaged is 10 Connectors. Order the Connectors in multiples of 10.

■ Mounting Bracket

Name	Appearance	Application	Model	Standards
Mounting Bracket	---	Unit with e-CON Connectors: For CRT1-V□D08S(-1)/VAD04S/VDA02S	CRT1-ATT02	---
		Unit with MIL Connectors: For CRT1-V□D016ML(-1)/VAD04ML/VDA02ML	CRT1-ATT01	
		Unit with MIL Connectors: For CRT1-V□D32ML(-1)	SRT2-ATT02	
		Bit Slaves with Compact Connectors: For CRT1B-□D02JS(-1), CRT1B-□D04JS(-1)	CRT1-ATT03	