

Product Discontinuation Notices

September 1, 2009

Field Networks

No. 2009243E

Discontinuation Notice of Field Network Products. DRT1 series

Product Discontinuation



DRT1-ID16
DRT1-ID16-1
DRT1-OD16
DRT1-OD16-1



Recommended Replacement

DRT2-ID16
DRT2-ID16-1
DRT2-OD16
DRT2-OD16-1

Discontinuation date : The end of March, 2011

Caution on recommended replacement

- The capacity of communication power supply unit needs to be reviewed. Power consumption increases as the unit also supplies power to internal devices via communication port.
- Automatic baud rate follow-up to the master unit
- Node setting by rotary switch
- Switch selection of Hold or Clear at errors changes into software setting.
- The attached communication connector is screwed clamp type parallel connector.

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
All applicable models	--	--	*	*	*	**	*

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

Product Discontinuation and recommended replacement

Product discontinuation	Recommended replacement
DRT1-ID16	DRT2-ID16
DRT1-ID16-1	DRT2-ID16-1
DRT1-OD16	DRT2-OD16
DRT1-OD16-1	DRT2-OD16-1

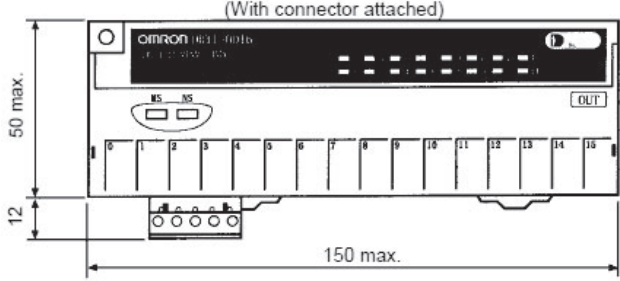
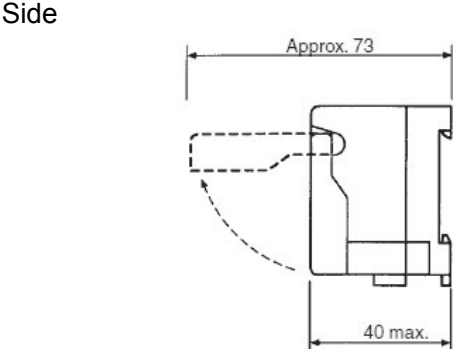
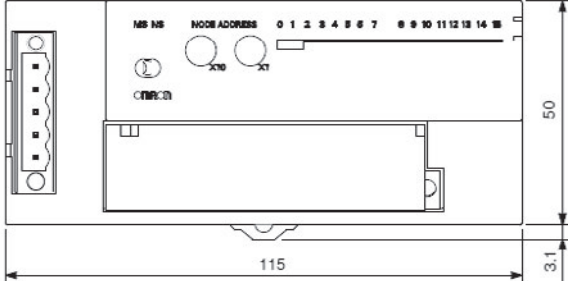

New functions of the replacements

Product discontinuation	Recommendable replacement
All applicable models	<p>These are the additional functions of all applicable models.</p> <ol style="list-style-type: none"> 1) Monitoring the communication power voltage, 2) Storing the communication error log, 3) Setting the slave comment, 4) Setting the connection device comment, 5) Monitoring the operating time, 6) Monitoring the I/O power status, 7) Monitoring the contact point operating times, 8) Monitoring the energizing time,

Body color

Product discontinuation	Recommendable replacement
Beige	<p>Front case: Black Rear case: Beige</p>

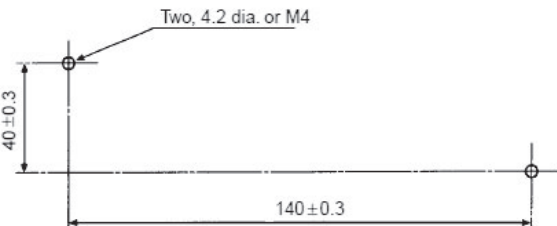
Dimensions

Product discontinuation	Recommendable replacement
<p>Front</p> <p>(With connector attached)</p>  <p>Side</p> 	<p>Front</p>  <p>Side</p> 

Wire Connection

Product discontinuation	Recommendable replacement
<p>DRT1-ID16</p> <p>Diagram showing connections for DRT1-ID16. It includes an internal circuits power supply, an I/O power supply (24V DC), and three sensors: two NPN output 3-wire sensors (photoelectric or proximity) and one 2-wire sensor (limit switch). The terminal block has 22 terminals labeled 1 through 22.</p>	<p>DRT2-ID16</p> <p>Diagram showing connections for DRT2-ID16. It includes an I/O power supply (24V DC), a 3-wire sensor with NPN output (photoelectric or proximity), and a 2-wire sensor (e.g., limit switch). The terminal block has 18 terminals labeled 1 through 18.</p>
<p>DRT1-ID16-1</p> <p>Diagram showing connections for DRT1-ID16-1. It includes an internal circuits power supply, an I/O power supply (24V DC), and three sensors: two PNP output 3-wire sensors (photoelectric or proximity) and one 2-wire sensor (limit switch). The terminal block has 22 terminals labeled 1 through 22.</p>	<p>DRT2-ID16-1</p> <p>Diagram showing connections for DRT2-ID16-1. It includes an I/O power supply (24V DC), a 3-wire sensor with PNP output (photoelectric or proximity), and a 2-wire sensor (e.g., limit switch). The terminal block has 18 terminals labeled 1 through 18.</p>
<p>DRT1-OD16</p> <p>Diagram showing connections for DRT1-OD16. It includes an internal circuits power supply, an I/O power supply (24V DC), and two actuators: a Solenoid and a Valve. The terminal block has 22 terminals labeled 1 through 22.</p>	<p>DRT2-OD16</p> <p>Diagram showing connections for DRT2-OD16. It includes an I/O power supply (24V DC) and two actuators: Solenoid valve, etc. The terminal block has 18 terminals labeled 1 through 18.</p>
<p>DRT1-OD16-1</p> <p>Diagram showing connections for DRT1-OD16-1. It includes an internal circuits power supply, an I/O power supply (24V DC), and two actuators: a Solenoid and a Valve. The terminal block has 22 terminals labeled 1 through 22.</p>	<p>DRT2-OD16-1</p> <p>Diagram showing connections for DRT2-OD16-1. It includes an I/O power supply (24V DC) and two actuators: Solenoid valve, etc. The terminal block has 18 terminals labeled 1 through 18.</p>

Mounting dimensions

Product discontinuation	Recommendable replacement
35-mm DIN track mounting, or screw mounting Hole dimensions for screw mounting. 	Only 35-mm DIN track mounting

Characteristics

	Product discontinuation	Recommendable replacement
Power supply method	Separate power supplies for internal device and for communication	Internal devices are supplied power by communication power supply unit.
Power consumption for communication	ID16: 30mA or lower ID16-1: 30mA or lower OD16: 30mA or lower OD16-1: 30mA or lower	ID16: 65mA or lower ID16-1: 65mA or lower OD16: 60mA or lower OD16-1: 60mA or lower
Power consumption for internal devices	ID16: 50mA or lower ID16-1: 50mA or lower OD16: 50mA or lower OD16-1: 50mA or lower	Common power supply with communication

Attachment

Product discontinuation	Recommendable replacement
Parallel type connector without screw	Screwed clamp type parallel connector