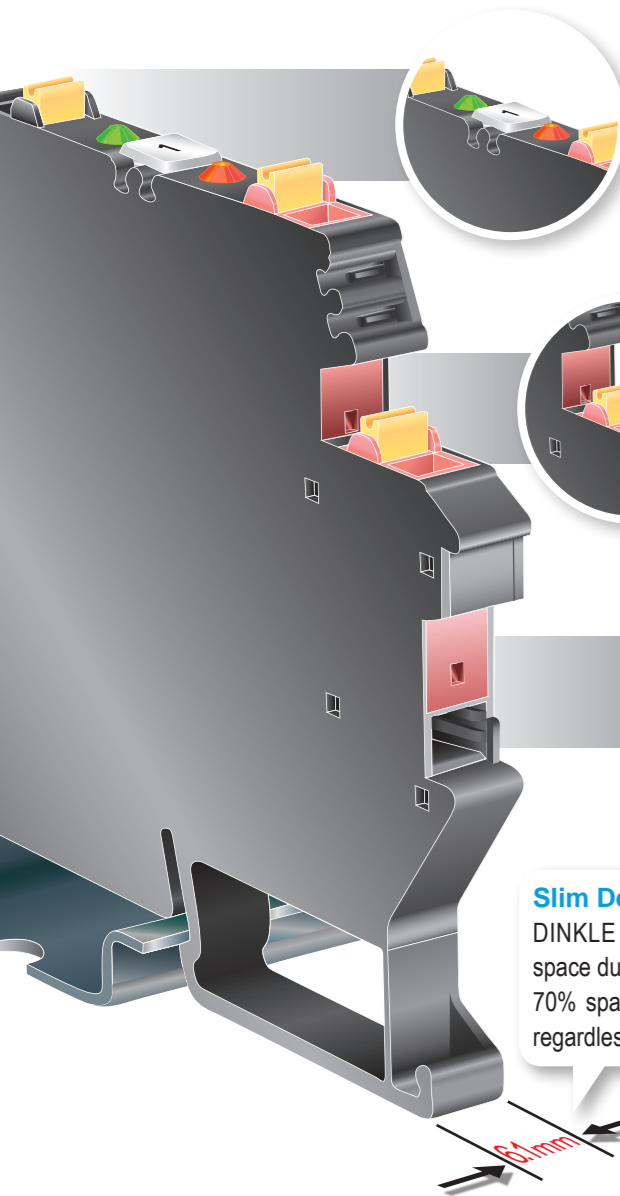
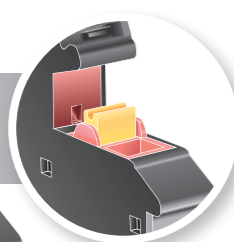


# Opto Relay



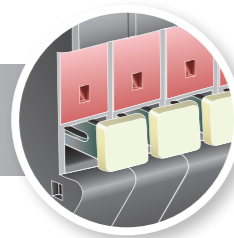
## LED indicator

LED indicators equipped are to correctly show the status of operation. Users can easily read and be aware of operational status despite dim environment.



## Color & number coding for wiring identification

DINKLE Opto Relay modules are marked by different colors for better identification of contact points. Special made labels of numbering also enhance correct positioning and efficiency while wiring.

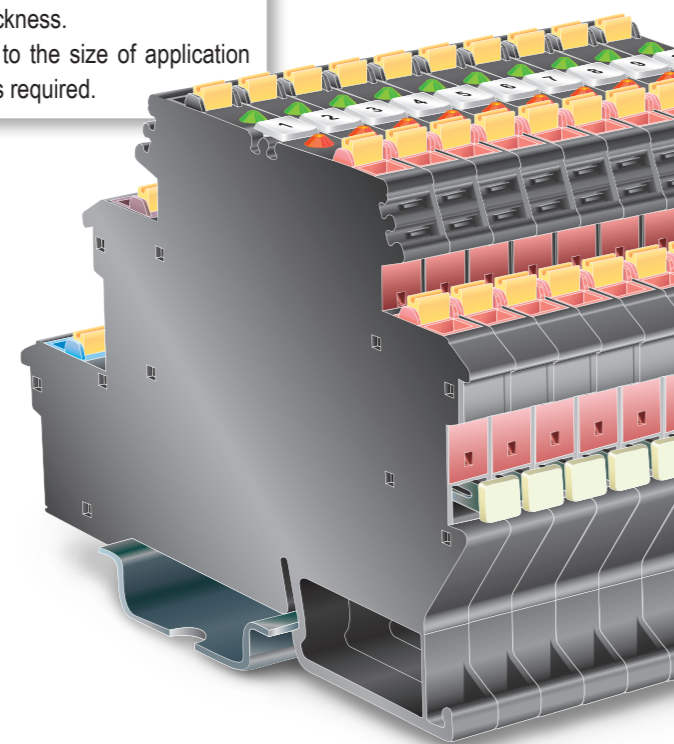


## Patented cross jumpers equipped

The patented jumper (DS-210) is the handy accessory helpful to easily connect adjacent poles, and facilitates setup of power distributor. It can be easily stored in the slot of terminal blocks, and therefore brings convenience while installing system.

## Slim Design

DINKLE Opto Relay modules can be assembled in compact space due to slim design of 6.1 mm thickness. 70% space-saving is highly favorable to the size of application regardless of high-density connection is required.



## The features of RE series Opto Relay include:

- Spark & arcing free, superior isolation & safety to traditional relays
- Low temperature rising to ensure safety of the products vs. PH relay modules
- 10 times faster (100 Hertz) switching frequency for highly precise requirement
- Dust and humidity resistant
- Longevity and low defect rate
- Color & number coding for wiring identification
- LED indicator
- Patented cross jumpers equipped
- Space saving by 70% off vs. traditional relay modules
- UL508 compliant (NMFT- Solid State Controls for Motor Loads)



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FAX : +86-769-8336-0307

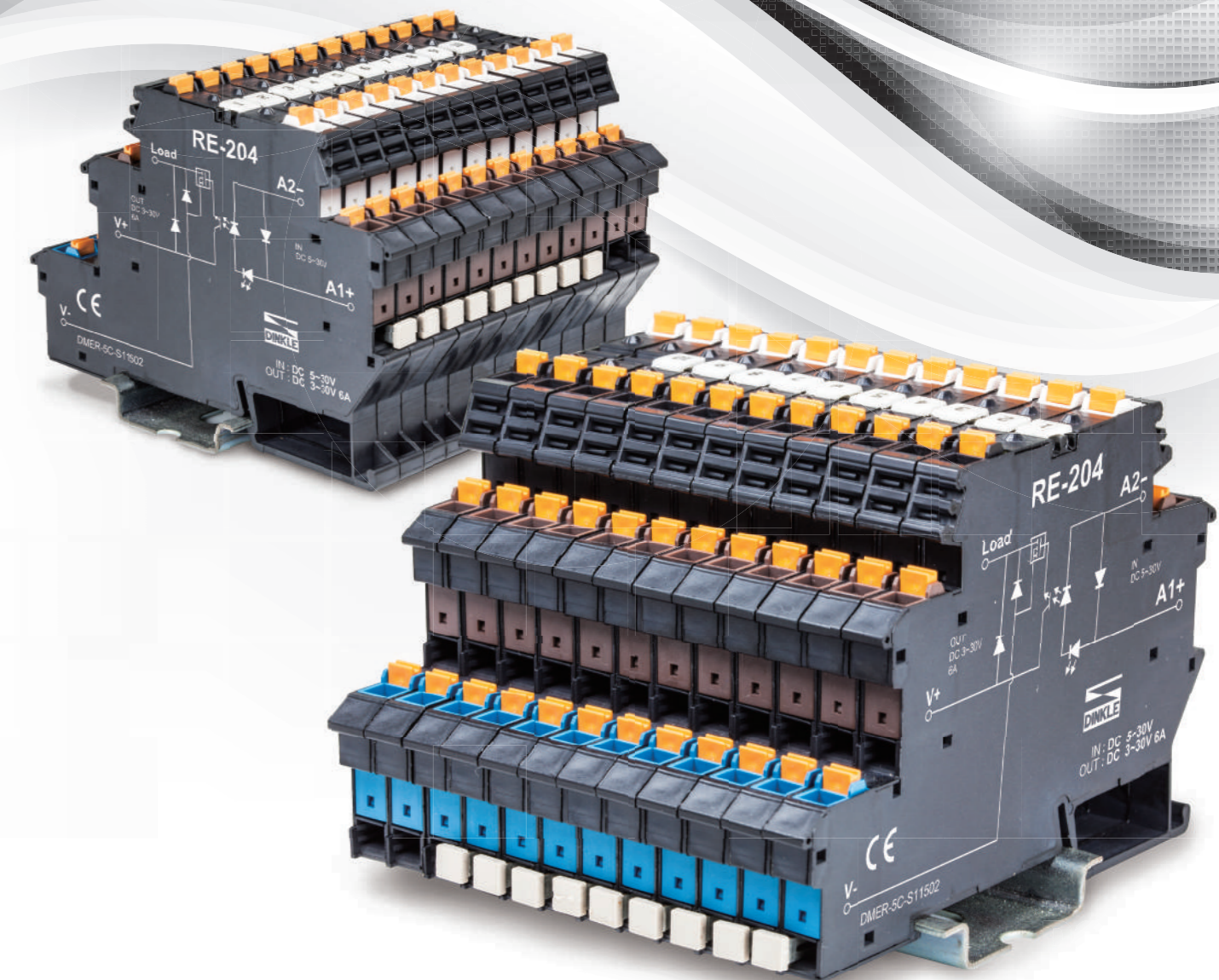
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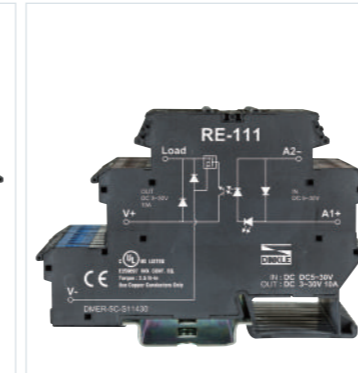
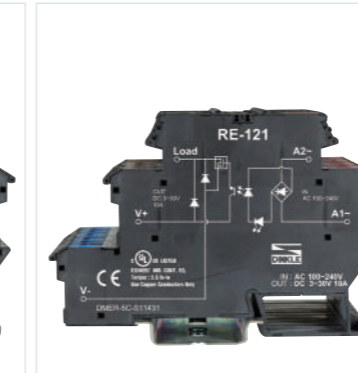
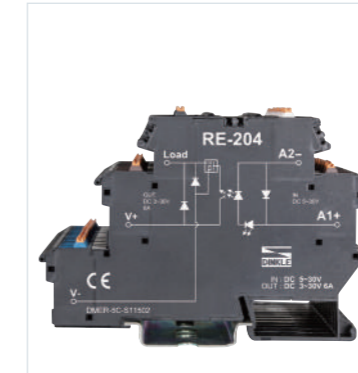
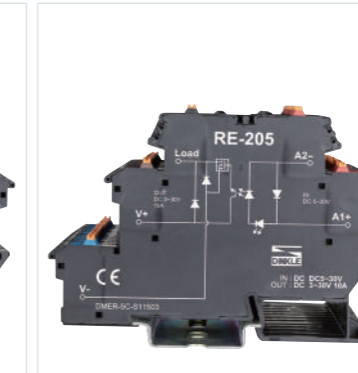
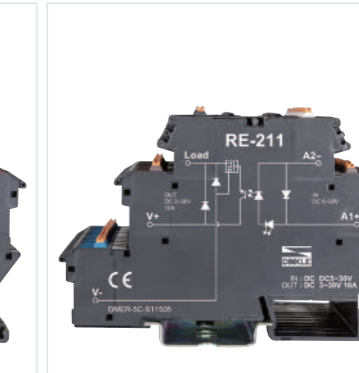
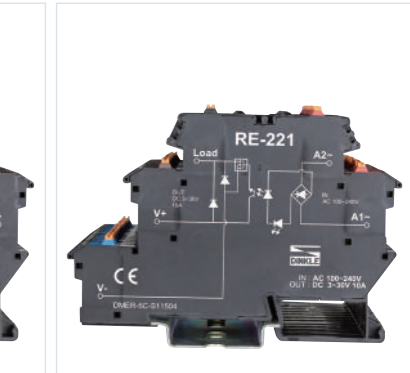



































































































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Dinkle International Co., Ltd.



# Opto Relay



																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
RE-0014	RE-0024	RE-0034			RE-1043	RE-1053	RE-1113	RE-1213		RE-2043	RE-2053	RE-2113	RE-2213																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Switching frequency</td><td>10kHz</td><td></td></tr><tr><td colspan="3">Output (Load side) Data</td></tr><tr><td>Rated Switching voltage</td><td>3~30 VDC</td><td></td></tr><tr><td>Rated Switching current</td><td>100mA</td><td></td></tr><tr><td>Voltage drop at Max.</td><td>&lt;1V</td><td></td></tr><tr><td colspan="3">General Data</td></tr><tr><td>Operation temperature</td><td>-25℃~60℃</td><td></td></tr><tr><td>Storage temperature</td><td>-40℃~70℃</td><td></td></tr><tr><td>Rated impulse withstand voltage</td><td>2.5kV</td><td></td></tr><tr><td>Wire strip length</td><td>7~9mm</td><td></td></tr><tr><td>Insulating material</td><td>PA</td><td></td></tr><tr><td>Torque (N·m)</td><td>0.6</td><td></td></tr><tr><td>TxHxW(mm)</td><td>6.1 x 60.8 x 67.5</td><td></td></tr><tr><td>Accessories</td><td>Cat. No.</td><td></td></tr><tr><td>End cover</td><td>DMERC-BK</td><td></td></tr><tr><td>Insertion bridge</td><td>CSC-402PN CSC-410PN</td><td></td></tr><tr><td>Marking label</td><td>TM21</td><td></td></tr><tr><td>Mounting Rail</td><td>TS-35 / TS-32</td><td></td></tr><tr><td>Tool</td><td>0.5 x 3.0mm</td><td></td></tr><tr><td>Color Description</td><td>Input Output</td><td></td></tr><tr><td>Option</td><td></td><td></td></tr></table>	Technical Data	 		Input (Control side) Data			Rated input voltage	5~30 VDC		Rated input current	6mA		Status indicator	LED		Max. Switching frequency	10kHz		Output (Load side) Data			Rated Switching voltage	3~30 VDC		Rated Switching current	100mA		Voltage drop at Max.	<1V		General Data			Operation temperature	-25℃~60℃		Storage temperature	-40℃~70℃		Rated impulse withstand voltage	2.5kV		Wire strip length	7~9mm		Insulating material	PA		Torque (N·m)	0.6		TxHxW(mm)	6.1 x 60.8 x 67.5		Accessories	Cat. No.		End cover	DMERC-BK		Insertion bridge	CSC-402PN CSC-410PN		Marking label	TM21		Mounting Rail	TS-35 / TS-32		Tool	0.5 x 3.0mm		Color Description	Input Output		Option			<table><tr><td>Technical Data</td><td> </td><td></td></tr><tr><td colspan="3">Input (Control side) Data</td></tr><tr><td>Rated input voltage</td><td>5~30 VDC</td><td></td></tr><tr><td>Rated input current</td><td>6mA</td><td></td></tr><tr><td>Status indicator</td><td>LED</td><td></td></tr><tr><td>Max. Switching frequency</td><td>100Hz</td><td></td></tr><tr><td colspan="3">Output (Load side) Data</td></tr><tr><td>Rated Switching voltage</td><td>3~48 VDC</td><td></td></tr><tr><td>Rated Switching current</td><td>500mA</td><td></td></tr><tr><td>Voltage drop at Max.</td><td>&lt;1V</td><td></td></tr><tr><td colspan="3">General Data</td></tr><tr><td>Operation temperature</td><td>-25℃~60℃</td><td></td></tr><tr><td>Storage temperature</td><td>-40℃~70℃</td><td></td></tr><tr><td>Rated impulse withstand voltage</td><td>2.5kV</td><td></td></tr><tr><td>Wire strip length</td><td>7~9mm</td><td></td></tr><tr><td>Insulating material</td><td>PA</td><td></td></tr><tr><td>Torque (N·m)</td><td>0.6</td><td></td></tr><tr><td>TxHxW(mm)</td><td>6.1 x 60.8 x 67.5</td><td></td></tr><tr><td>Accessories</td><td>Cat. 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No.		End cover	DMERC-BK		Insertion bridge	CSC-402PN CSC-410PN		Marking label	TM21		Mounting Rail	TS-35 / TS-32		Tool	0.5 x 3.0mm		Color Description	Input Output		Option			<table><tr><td>Technical Data</td><td> </td><td></td></tr><tr><td colspan="3">Input (Control side) Data</td></tr><tr><td>Rated input voltage</td><td>100~240 VAC</td><td></td></tr><tr><td>Rated input current</td><td>8mA</td><td></td></tr><tr><td>Status indicator</td><td>LED</td><td></td></tr><tr><td>Max. Switching frequency</td><td>60Hz</td><td></td></tr><tr><td colspan="3">Output (Load side) Data</td></tr><tr><td>Rated Switching voltage</td><td>3~48 VDC</td><td></td></tr><tr><td>Rated Switching current</td><td>500mA</td><td></td></tr><tr><td>Voltage drop at Max.</td><td>&lt;1V</td><td></td></tr><tr><td colspan="3">General Data</td></tr><tr><td>Operation temperature</td><td>-25℃~60℃</td><td></td></tr><tr><td>Storage temperature</td><td>-40℃~70℃</td><td></td></tr><tr><td>Rated impulse withstand voltage</td><td>2.5kV</td><td></td></tr><tr><td>Wire strip length</td><td>7~9mm</td><td></td></tr><tr><td>Insulating material</td><td>PA</td><td></td></tr><tr><td>Torque (N·m)</td><td>0.6</td><td></td></tr><tr><td>TxHxW(mm)</td><td>6.1 x 60.8 x 67.5</td><td></td></tr><tr><td>Accessories</td><td>Cat. 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No.		End cover	DMERC-BK		Insertion bridge	CSC-402PN CSC-410PN		Marking label	TM21		Mounting Rail	TS-35 / TS-32		Tool	0.5 x 3.0mm		Color Description	Input Output		Option					<table><tr><td>Technical Data</td><td> </td><td></td></tr><tr><td colspan="3">Input (Control side) Data</td></tr><tr><td>Rated input voltage</td><td>5~30 VDC</td><td></td></tr><tr><td>Rated input current</td><td>6mA</td><td></td></tr><tr><td>Status indicator</td><td>LED</td><td></td></tr><tr><td>Max. 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