

Digital DC Load Protection Relay



DSP-DCR



DSP-DCR-M

Wire Through Type

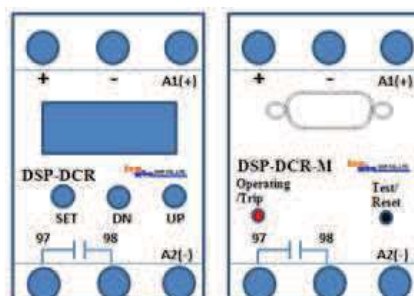
DSP-DCR, DCR-M

Main Features

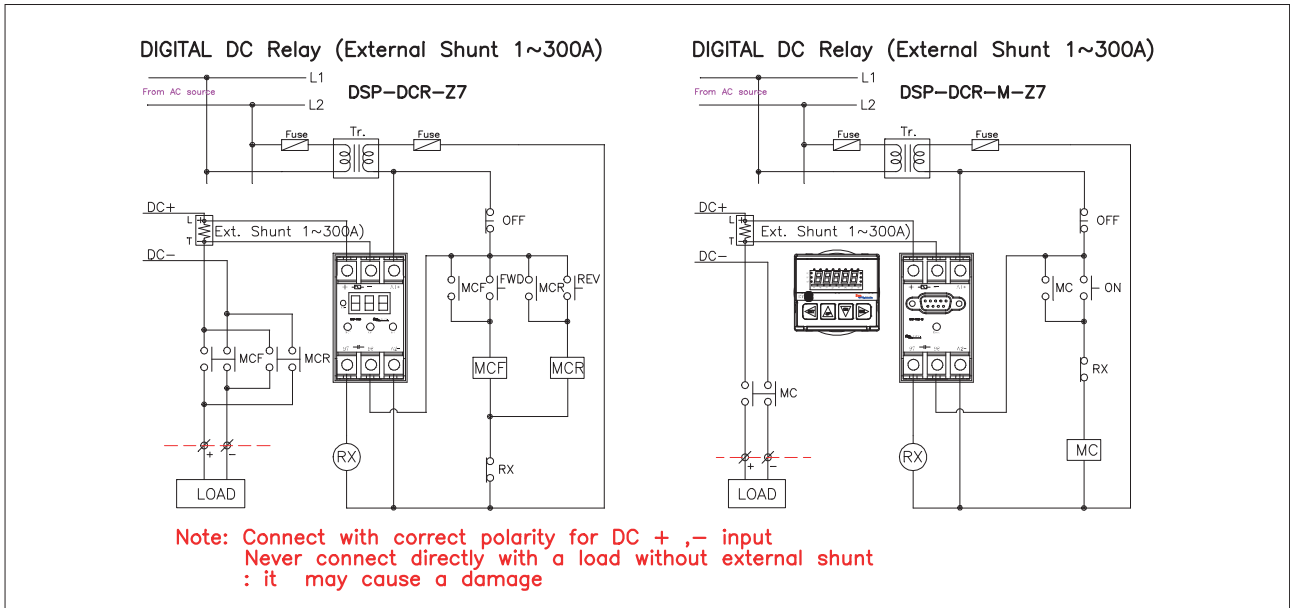
- Access restricted to authorized operator : Password
- Compact size, MCU based, Convenient installation in panel
- DC Current Protection Range
 - DC 1A~500A with External Shunt
 - External Shunt Output Rating → 50mV

Shunt	DC Current	Shunt	DC Current
10A	1A~10A	15A	1.5A~15A
20A	2A~20A	30A	3A~30A
40A	4A~40A	50A	5A~50A
60A	6A~60A	75A	7.5A~75A
100A	10A~100A	125A	12.5A~125A
150A	15A~150A	200A	20A~250A
250A	25A~250A	300A	30A~300A
400A	40A~400A	500A	50A~500A

- Self-diagnostic function
- Each operation time for over / under current : Possible to apply for DC current monitor
- Auto reset for over / under current each, respectively or together : flexible response for different application each other
- Available information with a number and / or a character
 - DCR Type(Panel Mounting Type)→ 3 Digit Window
 - DCR-M Type(Panel Flush Mounting Type : Converter + Meter) → 5 Digit Window
- Input / Output



Application Sequence Diagram



Order Form

Type	Feature	Description
DSP-DCR	DSP-DCR-B	With External Shunt
DSP-DCR	DSP-DCR-Z7	
DSP-DCR-M	DSP-DCR-M-B	
DSP-DCR-M	DSP-DCR-M-Z7	
e.g.	DSP-DCR-B	Panel Mounting Type, DC load Current protection with external shunt, Control power : DC24V
	DSP-DCR-M-Z7	Panel Flush Mounting Type, DC load Current protection with external shunt, Control power:85~260VAC(90~370VDC), 50/60Hz

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 DIGITAL STANDARD PROTECTION

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