



### 1 Form A 8A/16A, Small Polarized Power Relays (latching type)

## DW RELAYS (ADW1)

**New**



Low profile type  
(Inrush type)



Reflow  
compatible type  
(Standard type)



IEC60335-1  
compliant type  
(Standard & Inrush type)

**RoHS compliant**

### FEATURES

1. Low profile type available  
(h = 15.8 mm .622 inch)
2. Inrush type available  
(TV-8 UL/C-UL approved)
3. IEC60335-1\* compliant type  
available  
(PTI 325V VDE approved)
4. Reflow possible (pin-in-paste)
5. Certified by UL/C-UL, VDE

\* Common safety standard for major electrical  
appliance

### TYPICAL APPLICATIONS

1. Lighting control equipment
2. Smart meters
3. Industrial equipment
4. Security equipment
5. Home appliances
6. Various power supplies

Protective construction: Flux-resistant  
type

## ORDERING INFORMATION

ADW **1**      W

Contact arrangement  
1: 1 Form A

Operating function  
1: 1 coil latching type  
2: 2 coil latching type

Nominal coil voltage (DC)  
03: 3V, 05: 5V, 06: 6V, 09: 9V, 12: 12V, 24: 24V

Contact capacity  
Nil: Standard type (8A)  
H: Inrush type (16A, Inrush current 100A)

Type classification  
Nil: Reflow compatible type  
L: Low profile type  
T: IEC60335-1 compliant type

- Notes: 1. "L" and "T" type are non-compliant reflow soldering.  
2. Low profile type is available (inrush type only).  
3. The suffix "W" on the part number is only displayed on the inner and outer packaging.  
It is not displayed on the relay.

## TYPES

### 1. Standard type (8A) (Reflow compatible type)

Contact arrangement	Nominal coil voltage	Part No.	
		1 coil latching type	2 coil latching type
1 Form A	3V DC	ADW1103W	ADW1203W
	5V DC	ADW1105W	ADW1205W
	6V DC	ADW1106W	ADW1206W
	9V DC	ADW1109W	ADW1209W
	12V DC	ADW1112W	ADW1212W
	24V DC	ADW1124W	ADW1224W

Standard packing: Carton: 100 pcs.; Case: 500 pcs.

Note: Carton packing is standard. Tube packing type is also available. Please consult us for details.

### 2. Standard type (8A) (IEC60335-1 compliant type)

Contact arrangement	Nominal coil voltage	Part No.	
		1 coil latching type	2 coil latching type
1 Form A	3V DC	ADW1103TW	ADW1203TW
	5V DC	ADW1105TW	ADW1205TW
	6V DC	ADW1106TW	ADW1206TW
	9V DC	ADW1109TW	ADW1209TW
	12V DC	ADW1112TW	ADW1212TW
	24V DC	ADW1124TW	ADW1224TW

Standard packing: Carton: 100 pcs.; Case: 500 pcs.

Note: Carton packing is standard. Tube packing type is also available. Please consult us for details.

### 3. Inrush type (16A, Inrush current 100A · IEC60335-1 compliant type)\*1, \*2

Contact arrangement	Nominal coil voltage	Part No.	
		1 coil latching type	2 coil latching type
1 Form A	3V DC	ADW1103HTW	ADW1203HTW
	5V DC	ADW1105HTW	ADW1205HTW
	6V DC	ADW1106HTW	ADW1206HTW
	9V DC	ADW1109HTW	ADW1209HTW
	12V DC	ADW1112HTW	ADW1212HTW
	24V DC	ADW1124HTW	ADW1224HTW

Standard packing: 100 pcs.; Case: 500 pcs.

Notes: \*1. Carton packing is standard. Tube packing type is also available. Please contact us for details.

\*2. Please contact us for the reflow compatible type of inrush type (16A, Inrush current 100A · IEC60335-1 compliant type).

### 4. Inrush type (16A, Inrush current 100A · Low profile type)

Contact arrangement	Nominal coil voltage	Part No.	
		1 coil latching type	2 coil latching type
1 Form A	3V DC	ADW1103HLW	ADW1203HLW
	5V DC	ADW1105HLW	ADW1205HLW
	6V DC	ADW1106HLW	ADW1206HLW
	9V DC	ADW1109HLW	ADW1209HLW
	12V DC	ADW1112HLW	ADW1212HLW
	24V DC	ADW1124HLW	ADW1224HLW

Standard packing: 100 pcs.; Case: 500 pcs.