



March, 1986
Supersedes RPD 41-242 pages 1-2
dated March, 1974
Mailed to: E, D, C/41-400B

Types CWC, CWP in FT-21 Case①
Types CWP-1 in FT-31 Case①

Types CWC, CWP, CWP-1 Directional Ground Relays

CWC Relay

Complete Relay Style Number	Rating Watts	Hertz	Contact Arrangement	Style Number of Part	
				ICS Unit②	IIT Unit②
291B935A09	.25-4	60	SPST	3491A37G17	.....
291B935A10	2.25-36	60	SPST	3491A37G17	.....
291B935A11	.25-4	50	SPST	3491A37G17	.....
291B935A12	2.25-36	50	SPST	3491A37G17	.....
291B935A21	.25-4	60	SPST	3491A37G09	3491A24G09
291B935A22	.25-4	60	SPST	3491A37G09	3491A24G10
291B935A23	2.25-36	60	SPST	3491A37G09	3491A24G10
291B935A24	2.25-36	60	SPST	3491A37G09	3491A24G11
291B935A25	.25-4	50	SPST	3491A37G09	3491A24G09
670B989A09	.25-4	60	DPST	3491A37G18	.....
670B989A10	.25-4	50	DPST	3491A37G18	.....
670B989A11	.25-4	60	DPST	.....	.....

CWP Relay

Complete Relay Style Number	Rating Watts	Hertz	Contact Arrangement	Style Number of Part	
				ICS Unit②	IIT Unit②
291B928A09	20-150	60	SPST	3491A37G17	.....
291B928A10	75-600	60	SPST	3491A37G09	.....
291B928A11	20-150	60	SPST	3491A37G09	3491A24G13
291B928A12	20-150	60	SPST	3491A37G09	3491A24G09
291B928A13	20-150	60	SPST	3491A37G09	3491A24G10
291B928A14	75-600	60	SPST	3491A37G09	3491A24G13
291B928A15	75-600	60	SPST	3491A37G09	3491A24G09
291B928A16	75-600	60	SPST	3491A37G09	3491A24G10
291B928A17	20-150	60	DPST	3491A37G10	3491A24G21
291B928A18	20-150	60	DPST	3491A37G10	3491A24G17
291B928A19	20-150	60	DPST	3491A37G10	3491A24G18
291B928A20	75-600	60	DPST	3491A37G10	3491A24G21
291B928A21	75-600	60	DPST	3491A37G10	3491A24G17
291B928A22	75-600	60	DPST	3491A37G10	3491A24G18
291B928A23	20-150	60	DPST	3491A37G18	.....
291B928A24	75-600	60	DPST	3491A37G18	.....
291B936A09	20-150	50	SPST	3491A37G09	3491A24G13
291B936A10	20-150	50	SPST	3491A37G09	3491A24G09
291B936A11	20-150	50	SPST	3491A37G09	3491A24G10
291B936A12	75-600	50	SPST	3491A37G09	3491A24G13
291B936A13	75-600	50	SPST	3491A37G09	3491A24G09
291B936A14	75-600	50	SPST	3491A37G09	3491A24G10
291B936A15	20-150	50	DPST	3491A37G10	3491A24G21
291B936A16	20-150	50	DPST	3491A37G10	3491A24G17
291B936A17	20-150	50	DPST	3491A37G10	3491A24G18
291B936A18	75-600	50	DPST	3491A37G10	3491A24G21
291B936A19	75-600	50	DPST	3491A37G10	3491A24G17
291B936A20	75-600	50	DPST	3491A37G10	3491A24G18
291B936A21	20-150	50	DPST	3491A37G18	.....
291B936A22	75-600	50	DPST	3491A37G18	.....
291B936A23	20-150	50	SPST	3491A37G17	.....
291B936A24	75-600	50	SPST	3491A37G17	.....

CWP-1 Relay

Complete Relay Style Number	Rating Amperes	Volts	Hertz	Contact Arrangement	Style Number of Part
					ICS Unit②
292B865A09	.3	250	60	SPST	3491A37G17
292B865A10	.3	250	60	DPST	3491A37G18
292B865A11	.3	175	50	SPST	3491A37G17
292B865A12	.3	175	50	DPST	3491A37G18
292B865A13	.3	250	60	SPST	3491A37G17



Type CWC

Ordering Information

- Give style number and name of part.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.

① For flexitest case parts refer to RPD 41-076A1.

② For ICS and IIT Unit Parts Refer to RPD 41-852A1.



Common Parts

Reference No.	Description of Part	Style Number
1	Electromagnet	See Table*
2	Insulated Tap Screw.....	1545 282 ^③
3	Disc and Shaft Assembly	880A772G13
4	Lower Bearing	289B393G02
5	Permanent Magnet	1732 780
6	Dial Assembly.....	1878 801
7	Upper Bearing Screw.....	52D6280G02
8	Lower Bearing Screw.....	3499A37G09
Δ 9	Locknut for Lower Bearing Screw	203 056
10	Moving Contact Spring and Adjuster Assembly (SPST)	880A717G13*
Δ11	Moving Contact Spring and Adjuster Assembly (DPST)	880A717G14*
12	Insulating Block for Stationary Contact	33B3110H02
13	Stationary Contact (SPDT)	1732 776*
13	Stationary Contact (DPST)	52D6280G02 ^③ *
14	ICS Unit	See Table ^② *
15	IIT Unit	See Table ^② *
16	Stationary Contact for ICS and IIT Unit (SPST)	1732 868*
Δ17	Stationary Contact for ICS and IIT Unit (DPST)	183A860G02*
18	Resistor.....	See Table ^④ *
19	Centering Washer for Resistor	1202 559 ^④ *
20	Insulating Washer for Resistor	1201 886 ^④
Δ21	Capacitor	See Table ^④ *
Δ22	Current Transformer for (CWP-1 Only).....	292B698G01*

NOTE: Parts indented are included in part under which they are indented.

② For ICS and IIT unit parts refer to RPD 41-852.

③ Two (2) used.

④ When used.

* Recommended for stock.

Δ Not illustrated.

Electromagnet (50/60 Hz)

Rating	Style Number
.3 Amps	408C589G01
.25-4 Watts	876A509G09
2.25-36 Watts	876A509G10
20-150 Watts	876A509G11
75-600 Watts	876A509G12

Resistors

Description	Style Number
250 Ohms Fixed	1878 707
400 Ohms Fixed	1955 579
600 Ohms Adj.	187A294H01

Capacitors

Description	Style Number
.38 MFD	14C9400H19
.5 MFD	14C9400H23
2 MFD	14C9400H13
4 MFD	1723 407



