



## Voltage monitoring relay; CP; F&F



Manufacturer	<b>F&amp;F</b>
Type of module	<b>voltage monitoring relay</b>
Mounting	<b>for DIN rail mounting</b>
Power supply	<b>from tested wiring system</b>
Leads	<b>screw terminals</b>
Operating temperature	<b>-25...50°C</b>
IP rating	<b>IP20</b>
Additional functions	<b>LED status indicator</b>
Manufacturer series	<b>CP</b>

Symbol	Schematic diagram	Controlled parameter	Range of val. cntrl	$U_{sup}$ [V AC]	$U_{sup}$ [V AC]
<a href="#">CP-500</a>	<a href="#">Fig.1.</a>	phase asymmetry, phase sequence, undervoltage, phase failure	3x 420V AC...580V AC	-	3 x 500
<a href="#">CP-709</a>	<a href="#">Fig.2.</a>	undervoltage, overvoltage	1x 150V AC...450V AC	50...450	-
<a href="#">CP-721</a>	<a href="#">Fig.3.</a>	undervoltage, overvoltage	1x 150V AC...450V AC	150...450	-
<a href="#">CP-721-FPV</a>	<a href="#">Fig.4.</a>	overvoltage	245...265V AC	150...300	-

Symbol	Schematic diagram	Controlled parameter	Range of val. cntrl	$U_{sup}$ [V AC]	$U_{sup}$ [V AC]
<a href="#">CP-723</a>	<a href="#">Fig. 5.</a>	phase asymmetry, phase sequence, undervoltage, overvoltage, phase failure	3x 140V AC...300V AC	-	3 x 100...450
<a href="#">CP-730</a>	<a href="#">Fig. 6.</a>	undervoltage, overvoltage	3x 50V AC...450V AC	-	3 x 50...450
<a href="#">CP-733</a>	<a href="#">Fig. 7.</a>	undervoltage, phase failure	3x 170V AC...210V AC	-	3 x 50...450
<a href="#">CP-734</a>	<a href="#">Fig. 8.</a>	undervoltage, phase failure	3x 150V AC...450V AC	-	3 x 150...450

Symbol	Kind of OUT1	Kind of OUT2	Kind of OUT3	Application
<a href="#">CP-500</a>	NO / NC	NO / NC	-	-
<a href="#">CP-709</a>	SPDT	-	-	-
<a href="#">CP-721</a>	DPDT	-	-	-
<a href="#">CP-721-FPV</a>	NO	-	-	photovoltaics
<a href="#">CP-723</a>	NO	NO	NO	-
<a href="#">CP-730</a>	SPDT	-	-	-
<a href="#">CP-733</a>	NO	NO	NO	-
<a href="#">CP-734</a>	SPST-NO	SPST-NO	SPST-NO	-

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