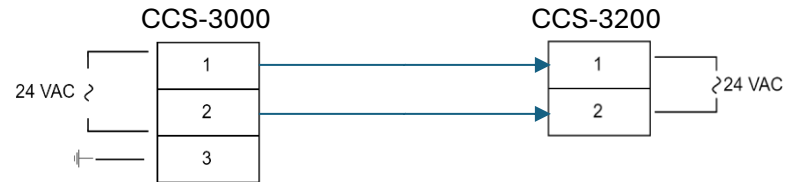


CCS3000 – CCS3200 GEÇİŞ UYGULAMA NOTU





This application note contains necessary wiring, parameter changes, and technical details that need attention for users migrating from the current CCS-3000 control panel to the new generation CCS-3200 control panel.

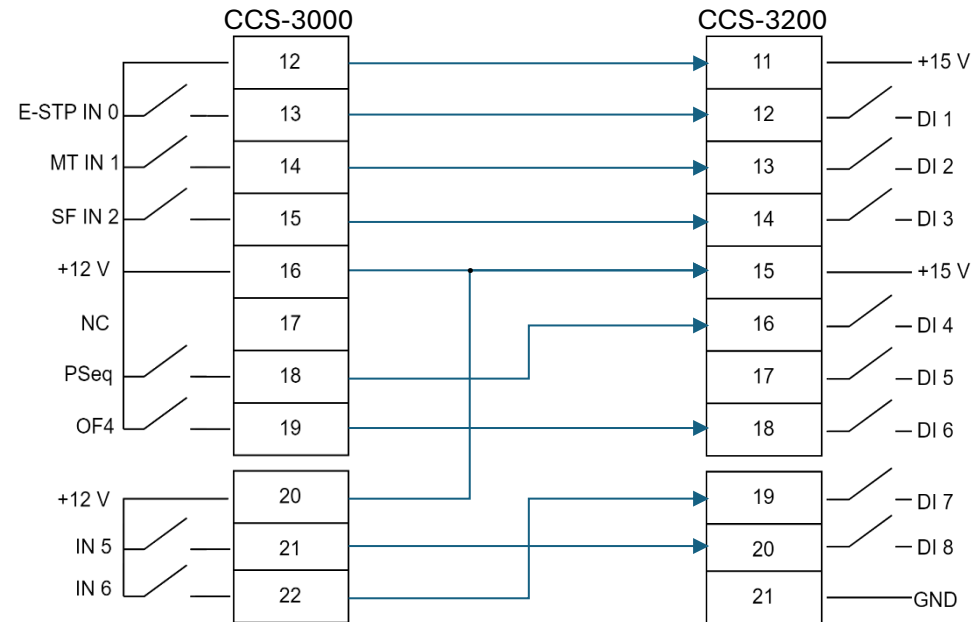
Power Connection:

There is no need for a ground connection in CCS-3200.



Digital Input Connections:

Notes:	
	If the Digital Input connection number 4 is made, the Phase protection numbered "P210" should be selected as "Passive" under the Parameters Network heading.
	If a cable is connected to terminal 20 in CCS-3000, it will be connected to terminal 15 in 3200.
	If the Remote Run function is used in the CCS-3000, the parameter numbered "P68" should be selected as "Work remote" after the connection is made in the CCS-3200 .
	Unused entries must be selected as "No Function" .

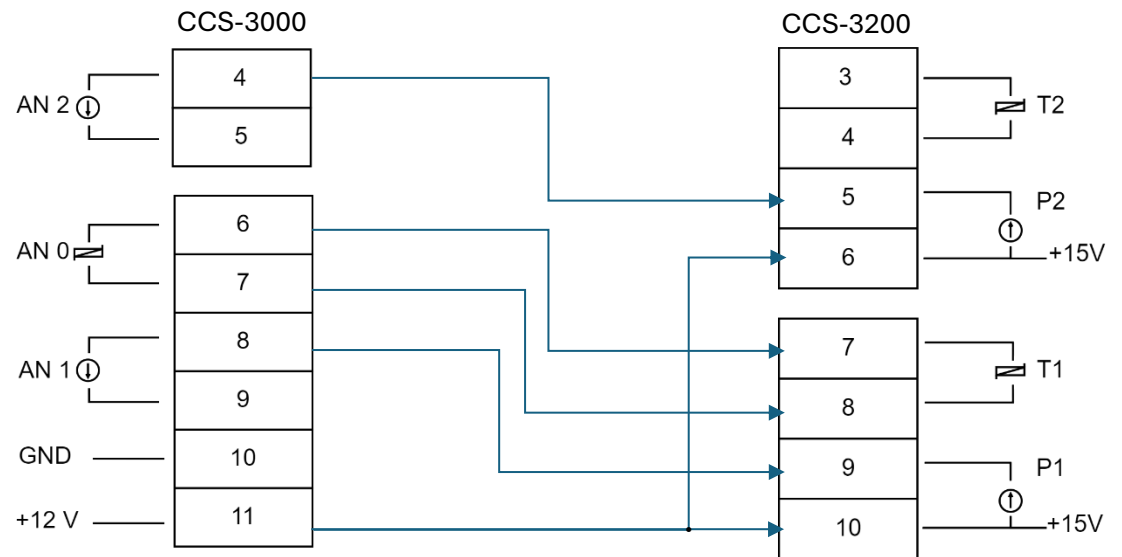


Analog Input Connections:

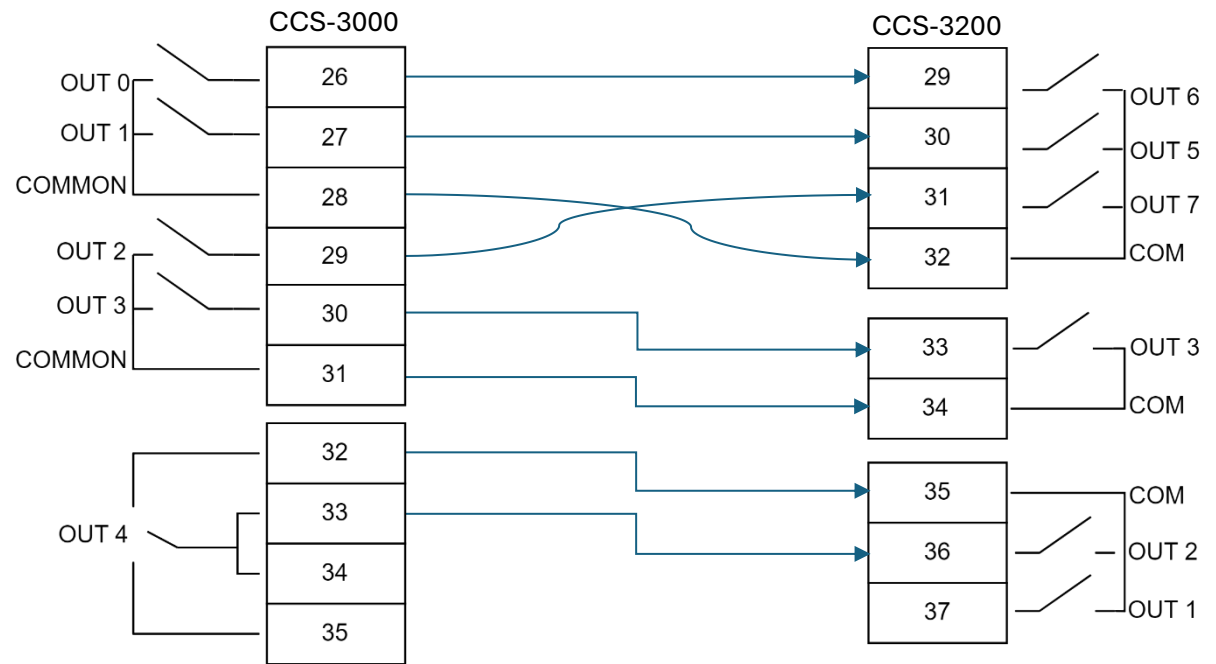
Notes:



If the screw sensor is not used, parameter P006 **Passive** should be chosen.



Digital Output Connections:



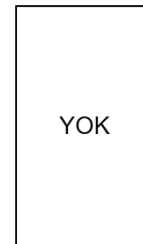
Mains Voltage input and Phase Sequence:

Notes:

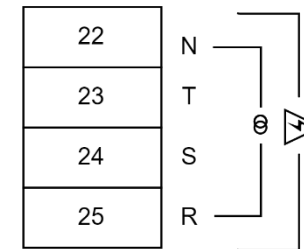


If this connection is to be made, the digital input "DI04-P056" Parameter "**No Function**" should be selected.

CCS-3000



CCS-3200



CCS-3000 and CCS-3200 Parameter Correspondence Table

CCS-3000 Parameter No	CCS-3000 Parameter Name	Categories	CCS-3200 Parameter No	CCS-3200 Parameter Name
P3.1	Operation Mode	General Settings	P226	Compressor Operation Mode
P3.2	Discharge Pressure	Pressure	P2	Discharge Pressure
P3.3	Idle Waiting Time	Timing	P26	Automatic Standby Delay
P3.4	Load Switching Pressure	Pressure	P3	Load Switching Pressure
P3.5	Stopping Time at Stop	Timing	P22	Downtime
P3.6	Pressure Unit Display	Pressure	P10	Pressure Unit
P3.7	Temperature Unit Display	Temperature	P178	Temperature Unit
P3.8	Delay Time to Start	Timing	P21	Start Delay
P3.9	Dryer Time	Timing	P37	Dryer Time
P3.10	User Password	General Settings	P222	User Password
P4.1.1	Mains Pressure Alarm	Pressure	P4	Output Pressure Error Value
P4.1.2	Mains Pressure Warning	Pressure	P5	Output Pressure Warning Value
P4.1.3	Screw Pressure Warning	Pressure	P9	Internal Pressure Warning Value
P4.1.4	Screw Pressure Alarm	Pressure	P8	Internal Pressure Error Value
P4.1.5	Bsn. Difference Warning	Pressure	P12	Pressure Difference Warning
P4.1.6	Bsn. Difference Alarm	Pressure	P11	Pressure Difference Error
P4.1.7	Bsn. Difference Lag	Timing	P35	Pressure Difference Error Delay
P4.1.8	Screw Pressure Head. Dğr.	Pressure	P7	Initial Pressure
P4.2.1	Temperature Upper Value	Temperature	P172	Temperature1 High Error
P4.2.2	Temperature Lower Value	Temperature	P174	Temperature1 Low Error
P4.2.3	Temperature Alarm Value	Temperature	P173	Temperature1 High Warning
P4.2.4	Load Switching Temperature	Temperature	P176	Temperature Preheating
P4.3.1	Star / Triangle Time	Timing	P28	Star Working Time
P4.3.2	Load Switching Delay Time	Timing	P24	Waiting before load
P4.3.3	Reload Delay Time	Timing	-	Reload Time

P4.3.4	<i>Automatic Switch-on Time</i>	<i>Timing</i>	P27	<i>Power Cut Delay</i>
P4.3.5	<i>Air Evacuation Time</i>	<i>Timing</i>	P23	<i>Air Evacuation Time</i>
P4.3.6	<i>Maximum Departure/Hour</i>	<i>General Settings</i>	P224	<i>Maximum number of departures per hour</i>
P4.4.1	<i>General Maintenance Period</i>	<i>Maintenance Periods</i>	P140	<i>Maintenance General Duration</i>
P4.4.2	<i>Bearing Maintenance Period</i>	<i>Maintenance Periods</i>	P141	<i>Maintenance Bearing Period</i>
P4.4.3	<i>Oil Change Period</i>	<i>Maintenance Periods</i>	P142	<i>Maintenance Oil Change Period</i>
P4.4.4	<i>Air Filter Change Period</i>	<i>Maintenance Periods</i>	P143	<i>Maintenance Air Filter Duration</i>
P4.4.5	<i>Oil Filter Change Period</i>	<i>Maintenance Periods</i>	P144	<i>Maintenance Oil Filter Time</i>
P4.4.6	<i>Separator Filter Replacement Period</i>	<i>Maintenance Periods</i>	P145	<i>Maintenance Separator Filter Period</i>
P4.5.1	<i>Load Valve Control Source</i>	<i>Input</i>	-	<i>'Remote Load' selection for remote load control</i>
P4.5.2	<i>Run/Stop Control Source</i>	<i>General Settings</i>	P225	<i>Compressor Start Source</i>
P4.5.3	<i>Mode of Operation in Communication</i>	<i>Not in use</i>	-	-
P4.5.4	<i>Mode bus Network number</i>	<i>Disabled</i>	-	-
P4.5.5	<i>Baud Rate</i>	<i>Disabled</i>	-	-
P4.5.6	<i>Stop Bit</i>	<i>Disabled</i>	-	-
P4.5.7	<i>Parity Bit</i>	<i>Disabled</i>	-	-
P4.5.8	<i>Timeout Period</i>	<i>Disabled</i>	-	-
P4.6.1	<i>Network Bsn Offset Value</i>	<i>Calibration</i>	P150	<i>Calibration Output Pressure Offset</i>
P4.6.2	<i>Temperature Offset Value</i>	<i>Calibration</i>	P156	<i>Calibration Temperature Offset</i>
P4.6.3	<i>Screw Bsn Offset Value</i>	<i>Calibration</i>	P153	<i>Calibration Internal Pressure Offset</i>

P4.7.1	<i>Load Time</i>	<i>Timing</i>	P31	<i>Preheating Load Duration</i>
P4.7.2	<i>Idle Time</i>	<i>Timing</i>	P32	<i>Preheating Idle Time</i>
P4.8.1	<i>Fan Operating Temperature</i>	<i>Temperature</i>	P179	<i>Fan Operating Temperature</i>
P4.8.2	<i>Fan Stop Temperature</i>	<i>Temperature</i>	P180	<i>Fan Stop Temperature</i>
P4.8.3	<i>Minimum Fan Operation Time</i>	<i>Timing</i>	P36	<i>Fan Maximum Operating Time</i>
P4.9	<i>Service Password</i>	<i>General Settings</i>	P221	<i>Service Password</i>
P4.10	<i>Language Selection</i>	<i>General Settings</i>	P232	<i>Language selection</i>
P5.1	<i>Input Contact Type</i>	<i>Input</i>	P46-P50-P54-P58-P62-P66-P70-P74	<i>Contact type</i>
P5.2	<i>Output functions</i>	<i>Output</i>	P96	<i>Output Function2</i>
P5.4	<i>Sensor Pressure Value</i>	<i>Pressure</i>	P1	<i>Pressure Sensor Type</i>
P5.6	<i>Factory Reset</i>	<i>General Settings</i>	P233	<i>Factory Reset</i>
P5.7	<i>Opening Screen</i>	<i>To be loaded with Prolink programme</i>	-	-
P5.8	<i>Factory Password</i>	<i>General Settings</i>	P220	<i>Factory Password</i>
P5.12	<i>Temperature Sen. Type</i>	<i>Temperature</i>	P177	<i>Temperature1 Sensor Type</i>
P5.13	<i>Screw Bsn Active</i>	<i>Pressure</i>	P6	<i>Internal Pressure Sensor Usage</i>
P5.14	<i>Screw Sens. Deg.</i>	<i>Pressure</i>	P1	<i>Pressure Sensor Type</i>
P5.15	<i>IN5 Function</i>	<i>Input</i>	P72	<i>Input Function8</i>

With the transition from the CCS3000 to the CCS3200 model, several advanced features and new parameters have been introduced to the system. You can find these parameters in the table below.

<i>Categories</i>	<i>Parameter No</i>	<i>Parameter Name</i>
<i>Pressure</i>	P13	<i>Sufficiency Pressure</i>
<i>Pressure</i>	P14	<i>Standard Pressure Value Load</i>
<i>Timing</i>	P29	<i>Main Contactor Delay</i>
<i>Timing</i>	P30	<i>Triangle Transfer Time</i>
<i>Timing</i>	P33	<i>Line Pressure Alarm Delay</i>
<i>Timing</i>	P34	<i>Screw Pressure Alarm Delay</i>
<i>Timing</i>	P38	<i>Qualification Delay</i>
<i>Timing</i>	P39	<i>Horn Duration</i>
<i>Input</i>	P44	<i>Function</i>
<i>Input</i>	P45	<i>Delay</i>
<i>Input</i>	P46	<i>Contactor Type</i>
<i>Input</i>	P48	<i>Function</i>
<i>Input</i>	P49	<i>Delay</i>
<i>Input</i>	P50	<i>Contactor Type</i>
<i>Input</i>	P52	<i>Function</i>
<i>Input</i>	P53	<i>Delay</i>
<i>Input</i>	P54	<i>Contactor Type</i>
<i>Input</i>	P56	<i>Function</i>
<i>Input</i>	P57	<i>Delay</i>
<i>Input</i>	P58	<i>Contactor Type</i>
<i>Input</i>	P60	<i>Function</i>

<i>Input</i>	P61	<i>Delay</i>
<i>Input</i>	P62	<i>Contactor Type</i>
<i>Input</i>	P64	<i>Function</i>
<i>Input</i>	P65	<i>Delay</i>
<i>Input</i>	P66	<i>Contactor Type</i>
<i>Input</i>	P68	<i>Function</i>
<i>Input</i>	P69	<i>Delay</i>
<i>Input</i>	P70	<i>Contactor Type</i>
<i>Input</i>	P72	<i>Function</i>
<i>Input</i>	P73	<i>Delay</i>
<i>Input</i>	P74	<i>Contactor Type</i>
<i>Output</i>	P92	<i>Function</i>
<i>Output</i>	P93	<i>Delay</i>
<i>Output</i>	P94	<i>Contactor Type</i>
<i>Output</i>	P96	<i>Function</i>
<i>Output</i>	P97	<i>Delay</i>
<i>Output</i>	P98	<i>Contactor Type</i>
<i>Output</i>	P100	<i>Function</i>
<i>Output</i>	P101	<i>Delay</i>
<i>Output</i>	P102	<i>Contactor Type</i>
<i>Output</i>	P104	<i>Function</i>
<i>Output</i>	P105	<i>Delay</i>
<i>Output</i>	P106	<i>Contactor Type</i>
<i>Output</i>	P108	<i>Function</i>
<i>Output</i>	P109	<i>Delay</i>
<i>Output</i>	P110	<i>Contactor Type</i>
<i>Output</i>	P112	<i>Function</i>
<i>Output</i>	P113	<i>Delay</i>

<i>Output</i>	P114	<i>Contactor Type</i>
<i>Maintenance Periods</i>	P148	<i>Service Alarm Activation</i>
<i>Calibration</i>	P151	<i>Calibration Output Pressure Gain</i>
<i>Calibration</i>	P154	<i>Calibration Internal Pressure Gain</i>
<i>Calibration</i>	P157	<i>Calibration Temperature Gain</i>
<i>Calibration</i>	P158	<i>Calibration Vr Offset</i>
<i>Calibration</i>	P159	<i>Calibration Vr Gain</i>
<i>Calibration</i>	P160	<i>Calibration Against Offset</i>
<i>Calibration</i>	P161	<i>Calibration Against Profit</i>
<i>Calibration</i>	P162	<i>Calibration Vt Offset</i>
<i>Calibration</i>	P163	<i>Calibration Vt Gain</i>
<i>Temperature</i>	P175	<i>Temperature 1 Low Warning</i>
<i>Temperature</i>	P181	<i>Dryer Initial Temperature</i>
<i>Temperature</i>	P182	<i>Dryer Stop Temperature</i>
<i>Temperature</i>	P184	<i>Temperature 2 High Alarm</i>
<i>Temperature</i>	P185	<i>Temperature 2 High Warning</i>
<i>Temperature</i>	P186	<i>Temperature 2 Low Alarm</i>
<i>Temperature</i>	P187	<i>Temperature 2 Low Warning</i>
<i>Temperature</i>	P188	<i>Temperature 2 Sensor Type</i>
<i>Temperature</i>	P189	<i>Temperature 2 Sensor Mode</i>
<i>Temperature</i>	P190	<i>Pressure Temperature.</i>
<i>Temperature</i>	P191	<i>Oil Freezing Prevention</i>
<i>Mains</i>	P200	<i>Imbalance</i>
<i>Mains</i>	P201	<i>Mains Voltage Low Alarm</i>
<i>Mains</i>	P202	<i>Mains Voltage Low Warning</i>
<i>Mains</i>	P203	<i>Mains Voltage High Alarm</i>
<i>Mains</i>	P204	<i>Mains Voltage High Warning</i>
<i>Mains</i>	P205	<i>Mains Frequency Low Alarm</i>

<i>Mains</i>	P206	<i>Mains Frequency Low Warning</i>
<i>Mains</i>	P207	<i>Mains Frequency High Alarm</i>
<i>Mains</i>	P208	<i>Mains Frequency High Warning</i>
<i>Mains</i>	P209	<i>Network Connection Type</i>
<i>Mains</i>	P210	<i>Phase Sequence Protection</i>
<i>Mains</i>	P211	<i>Network Fault Control</i>
<i>General Settings</i>	P227	<i>Idle Time S/D</i>
<i>General Settings</i>	P228	<i>Horn Mode</i>
<i>General Settings</i>	P229	<i>Pressure Loss Prevention</i>
<i>General Settings</i>	P230	<i>Save Parameters</i>
<i>General Settings</i>	P234	<i>Reset Alarm History</i>
<i>General Settings</i>	P235	<i>Reset Engine Time</i>
<i>General Settings</i>	P236	<i>Menu Exit Time</i>
<i>General Settings</i>	P237	<i>Menu Logout</i>
<i>General Settings</i>	P238	<i>Dynamic Password</i>
<i>General Settings (with Piggyback Card)</i>	P239	<i>Motor Drive</i>