

CDP Studio

Use Beckhoff I/O series in CDP automation systems

- Build control systems with the Beckhoff range of remote I/O
- Both EL and KL series are supported
- Easy drag and drop configuration
- Distribute I/O using Ethernet
- Combine the I/O modules with the processing power of industrial computers

Description

Beckhoff provides stackable I/O modules in the EL and KL series. CDP Studio enables you to build and run control systems on Industrial PCs (IPC) and use I/O modules from Beckhoff.

The Beckhoff series are pre-integrated in CDP Studio and the different I/O modules are available by simple drag and drop in the CDP Studio IDE (Integrated Development Environment). A CDP Studio developed control system communicates with the I/O modules using Modbus and no software coding is required to use the I/O modules.

The CDP Studio IDE is a comprehensive environment for developing control systems and comes with a framework that is a collection of libraries. The framework contains essential features and readymade functions that you need to build and run control systems.

Technical Data

Protocol: Modbus TCP & UDP
Interface: Ethernet
Fieldbus couplers: EK9000
BK9000
BK9050
BK9100

Software required: CDP Studio



Beckhoff BK9050 fieldbus coupler

Photo: Beckhoff

Beckhoff IO setup

Photo: Beckhoff

Beckhoff EK9000 bus coupler



Independent development tool for control systems.

Use Beckhoff KL I/O series in CDP automation systems

Supported modules in EL series

EL3001	EL3255	EL1024
EL3011	EL3008	EL1034
EL3021	EL3048	EL1054
EL3041	EL3058	EL1084
EL3051	EL3068	EL1094
EL3061	EL3208	EL1104
EL3101	EL3318	EL1114
EL3111	EL4001	EL1124
EL3121	EL4011	EL1134
EL3141	EL4021	EL1144
EL3151	EL4031	EL1804
EL3161	EL4002	EL1814
EL3201	EL4012	EL1859
EL3311	EL4022	EL1008
EL3351	EL4032	EL1018
EL3356	EL4102	EL1088
EL3002	EL4112	EL1098
EL3012	EL4122	EL1808
EL3022	EL4132	EL2809
EL3042	EL4712	EL2872
EL3052	EL4732	EL2889
EL3062	EL4004	EL2002
EL3102	EL4014	EL2022
EL3112	EL4024	EL2032
EL3122	EL4034	EL2042
EL3142	EL4104	EL2202
EL3162	EL4114	EL2602
EL3182	EL4124	EL2612
EL3202	EL4134	EL2622
EL3312	EL4008	EL2652
EL3702	EL4018	EL2712
EL3742	EL4028	EL2722
EL3004	EL4038	EL2732
EL3014	EL1809	EL2004
EL3024	EL1819	EL2024
EL3044	EL1862	EL2034
EL3054	EL1872	EL2084
EL3064	EL1889	EL2124
EL3104	EL1002	EL2624
EL3114	EL1012	EL2784
EL3124	EL1052	EL2794
EL3144	EL1202	EL2008
EL3154	EL1382	EL2088
EL3164	EL1702	EL2788
EL3174	EL1712	EL2798
EL3204	EL1722	EL2808
EL3214	EL1004	EL2828
EL3314	EL1014	

Supported modules in KL series

KL3001	KL4012	KL1498
KL3011	KL4022	KL1808
KL3021	KL4032	KL1859
KL3041	KL4112	KL1862
KL3051	KL4132	KL1872
KL3061	KL4004	KL1889
KL3201	KL4034	KL1809
KL3311	KL4404	KL1819
KL4494	KL4414	KM1002
KL3002	KL4424	KM1012
KL3012	KL4434	KM1004
KL3022	KL4408	KM1014
KL3042	KL4418	KM1008
KL3052	KL4428	KM1018
KL3062	KL4438	KL2012
KL3102	KL1012	KL2022
KL3112	KL1032	KL2032
KL3122	KL1052	KL2212
KL3132	KL1212	KL2442
KL3142	KL1232	KL2602
KL3152	KL1302	KL2612
KL3162	KL1312	KL2622
KL3172	KL1352	KL2652
KL3182	KL1362	KL2702
KL3202	KL1382	KL2712
KL3222	KL1402	KL2722
KL3312	KL1412	KL2732
KL3204	KL1702	KL2114
KL3044	KL1712	KL2124
KL3054	KL1722	KL2134
KL3064	KL1104	KL2184
KL3204	KL1114	KL2284
KL3314	KL1124	KL2404
KL3404	KL1154	KL2424
KL3444	KL1164	KL2784
KL3454	KL1184	KL2794
KL3464	KL1194	KL2408
KL3208	KL1304	KL2488
KL3228	KL1314	KL2798
KL3408	KL1404	KL2808
KL3448	KL1414	KL2828
KL3458	KL1434	KL2809
KL3468	KL1704	KL2872
KL4001	KL1804	KL2889
KL4011	KL1814	KM2002
KL4021	KL1408	KM2004
KL4031	KL1418	KM2008
KL4002	KL1488	