

## HMI Cables - List by Device Manufacturer

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### Allen Bradley

#### 1747 KE DF1 Module

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CA012 RS 232

#### Controll Unit CU 3

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CA230 RS 485

#### DeviceNet

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CA150	CAN	Compatible only with panels of type –0045 using TCM03. To connect one or more panels to the DeviceNet network refer to the available DeviceNet documentation on Transmission Media Requirements. DeviceNet requires a terminating resistor to be installed at each end of the network trunk. The resistor requirements are: 121 ohm, 1% metal film, ¼ Watt. Terminating resistor should not be installed at the end of a drop line, only at the two ends of the trunk line. External network power supply (+24 Vcc) is necessary. Refer to DeviceNet documentation for more details.
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#### Micrologix

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CA095 RS 232

#### PLC 5

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CA007 RS 232 Generic DTE DB25P RS-232

#### SLC 5/03

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CA012 RS 232

#### SLC 5/04

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CA012 RS 232

#### SLC 500

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CA025 RS 485

#### SLC 500 AIC Module

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CA026 RS 485

CA029 RS 485 Connector to the A-B DH485 network

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### Altus

#### AL 2000

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CA124 RS 232

CA125 RS 232

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### Baldor

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Mintdrive

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CA203 RS 422

NextMove Motion Controller

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CA204 RS 422

SmartMove

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CA204 RS 422

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**Bosch Rexroth**

Indradrive

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CA246 RS 232 use Indromat DKC protocol

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**Compumotor**

Zeta Drive

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CA122 RS 232

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**Control Techniq**

Dinverter A

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CA131 RS 485

Dinverter B

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CA127 RS 422

SM Applications

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CA243 RS 422

Unidrive

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CA081 RS 232

Unidrive & Quantum III

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CA116 RS 422

Unidrive SP

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CA226 RS 232 PLC Port to CT Unidrive

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**Crouzet**

RPX10

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CA129 RS 232

RPX30

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CA129 RS 232

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**CYBRO**

Cybro

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CA244 RS 232

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**Danfoss**

VLT5000

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CA167 RS 485

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**Delta Tau**

PMAC

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CA172 RS 232 Connect to J5 connector

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**D-Tech**

David 0.5 C1

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CA096 RS 485 Can be used to connect old panel models type -0044 (TCA06 interface) to S7-300/400

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**Eagle Signal**

Eagle Modbus Adapter

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CA081 RS 232

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**Eberle**

PLS514 & K43

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CA109 RS 232 Connects directly to K43

CA110 Current To be used only with the NEW type of Current Loop interface (-0042). Connects directly to K43.

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**Elmo**

Elmo Servo Drives

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CA240 RS 232

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**Entrelec**

S200

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CA196 RS 232 Cable to be 6 inches long - used as an adaptor cable

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**Festo**

FC Series

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CA233 RS 232

FEC

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CA147 RS 232

FPC 101

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CA053 RS 232 connects to diagnostic port on front panel

FPC 405

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CA055 RS 232

IPC

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CA012 RS 232

SB 202

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CA054 RS 232

SF3

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CA054 RS 232

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## Galil

DMC 1500

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CA081 RS 232

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## GE Fanuc

Can Open Module HE693CAN501D

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CA149 CAN Compatible only with panels of type -0045 using TCM09.

CMM Port 1

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CA091 RS 232

CMM Port 2

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CA090 RS 422 ( A = - ) ( B = + )

CA091 RS 232

IC690ACC900 Converted

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CA014 RS 232

Micro PLC

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CA056 RS 232

Series 1 DCU

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CA007 RS 232 Generic DTE DB25P RS-232

Series 90 Programming port

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CA010 RS 422 GE 90 Prog. Port

VersaMax

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CA081 RS 232

CA210 RS 422

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## GFR

ecs 3+

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CA231 RS 485

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## Hitachi

EC Series

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CA062 RS 232

EH-150

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CA155 RS 232  
CA221 RS 485

EH-Micro

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CA155 RS 232  
CA185 RS 422  
CA195 RS 485

EM II

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CA052 RS 232

H Series

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CA051 RS 232

H-252C

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CA132 RS 232 Operation is set at the speed of 19200 bauds (PHL=1)

J300

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CA163 RS 232  
CA164 RS 485

L100

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CA190 RS 422

L300P

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CA205 RS 485

SJ100

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CA190 RS 422

SJ300

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CA205 RS 485

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**Honeywell**

620 LCS

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CA168 RS 422 Connection using the Modbus RTU protocol

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**IDEC**

FA Series

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CA050 RS 232

Micro 1

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CA100 RS 232 Maximum cable length is 2 meters

Micro 3

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CA076 RS 485

Micro 3C

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CA159 RS 485

Micro 3C & TSX07 Schneider

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CA138 RS 232

PF2-CLA Link Adapter

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CA048 RS 232

PF3S-S1F2 Module

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CA012 RS 232

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**Ifm Electronic**

AS-i Controller

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CA012 RS 232

AS-i ControllerE

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CA223 RS 232 per AS-I ControllerE order no. AC1304

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**Indramat**

DKC

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CA209 RS 485

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**Intelligent Actua**

XSEL controller

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CA232 RS 232

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**IPM**

IP1612L

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CA112 RS 232

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**ISKRA**

ISKRA Controller

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CA202 RS 232

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**Jetter**

NANO B

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CA206 RS 232

CA207 RS 422

CA208 RS 232

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**Keyence**

Keyence KV-L2

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CA061 RS 232

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**Koyo**

DL 205 Series

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CA071 RS 232

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DL 305 Series

CA016 RS 232

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DL 405 Series

CA007 RS 232 Generic DTE DB25P RS-232

CA008 RS 232 TI425/435 or Koyo DL405 Prog. Port

CA009 RS 422 TI435 or Koyo DL405 Network Port

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**Lenze**

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9300

CA149 CAN Compatible only with panels of type -0045 using TCM09.

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**Mitsubishi**

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A Series

CA066 RS 232 puo` essere usato anche come interfaccia RS 422

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FX

CA031 RS 422

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FX0

CA030 RS 422

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FX0N

CA030 RS 422

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FX0S

CA030 RS 422

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FX2N

CA030 RS 422

CA216 RS 485

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Melsec R2 Module

CA032 RS 232 Use with A1SJ71C24-R2 module for point to point connection. Refer to TN49 for more information.

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Q series

CA236 RS 232

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**Modicon Modbu**

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Modbus Micro

CA076 RS 485

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Modbus Multiplexer

CA098 RS 232

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Modbus port

CA007 RS 232 Generic DTE DB25P RS-232

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**Moeller**

## DV5 / DF5 Inverter (Hitachi SJ100)

CA190 RS 422

## DV6 / DF6 Inverter (Hitachi SJ300)

CA205 RS 485

## Easy

CA218 RS 232 Adapter cable - Original programming cable of device required (Moeller Easy)

## Flex +

CA055 RS 232

## PS306

CA063 RS 485

## PS316

CA064 RS 485

CA137 RS 485 Use only with operator panels with product suffix -xx45. The usage of shielded connectors is recommended.

## PS4-100

CA105 RS 485 Use only with operator panels with product suffix -xx45

## PS4-150

CA092 RS 232 8 pin Circular DIN plug (DIN 41524 - Hirschmann MAWI 80 SB)

## PS416

CA055 RS 232

CA064 RS 485

CA137 RS 485 Use only with operator panels with product suffix -xx45. The usage of shielded connectors is recommended.

## PS4-200

CA092 RS 232 8 pin Circular DIN plug (DIN 41524 - Hirschmann MAWI 80 SB)

CA105 RS 485 Use only with operator panels with product suffix -xx45

## Smart Move

CA012 RS 232

## Suconet K (DIN Conn.)

CA120 RS-485

**Moog Servo Con**

## MSC

CA245 CAN Moog PLC named MSC



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**Mycom**MAC300

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CA081 RS 232

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**Omron**C Series

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CA007 RS 232 Generic DTE DB25P RS-232

CA065 RS 422

C200H

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CA058 RS 232

C200HS

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CA058 RS 232

C20H

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CA044 RS 232 Compatible with: Matsushita FP1, Omron C20H

C60H

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CA044 RS 232 Compatible with: Matsushita FP1, Omron C20H

CJ

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CA222 RS-23

CPM1

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CA058 RS 232

CA126 RS 422

CQM Series

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CA058 RS 232

CQM1H

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CA222 RS-23

CS1

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CA058 RS 232

CV Series

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CA058 RS 232

CA078 RS 422

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**Panasonic/Mats**FP0

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CA099 RS 232 DO NOT connect pin #5 of the PLC connector as this pin has 5V on it.

FP1

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CA015 RS 422

CA044	RS 232	Compatible with: Matsushita FP1, Omron C20H
FP10SH		
CA044	RS 232	Compatible with: Matsushita FP1, Omron C20H
FP2		
CA044	RS 232	Compatible with: Matsushita FP1, Omron C20H
CA099	RS 232	DO NOT connect pin #5 of the PLC connector as this pin has 5V on it.
FP3		
CA046	RS 422	
FP5		
CA046	RS 422	
FPM		
CA099	RS 232	DO NOT connect pin #5 of the PLC connector as this pin has 5V on it.

## Parker

Compax-S		
CA055	RS 232	
CA213	RS 485	
EASI Controller		
CA224	RS 485	
CA225	RS 232	
sLVD1		
CA229	RS 422	

## Philips

P8		
CA107	RS 422	
PC20		
CA091	RS 232	

## QEM

Qmove		
CA220	RS 422	User Port on Q1 CPU required +12 Vdc to work

## Saia

PCD (all cpu)		
CA182	RS 232	- Adapter PLC port to SAIA programming cable
PCD1		
CA142	RS 232	SAIA PCD1 – PGU Port

## PCD2

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CA043	RS 232	If the PCD at the moment of the start-up recognizes that the cable is connected and UniOP running (control lines active), it will assume that the programming package is connected and the PCD will start in STOP mode, even if a valid PLC program is loaded. In all normal conditions (PCD and UniOP powered by the same source) proper operation will be however assured since the PLC is always faster than the UniOP to start-up (the PLC program will be running before UniOP goes to operation mode).
CA176	RS 485	SAIA PCD-2 (S-BUS)
CA177	RS 422	SAIA PCD-2 (S-BUS)
CA178	RS 232	SAIA PCD 7 F120 Module
CA179	RS 232	SAIA PCD2 F520 Module
CA180	RS 485	SAIA PCD7 F110 Module
CA181	RS 485	SAIA PCD 2 F520 Module

## PCD4

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CA043	RS 232	If the PCD at the moment of the start-up recognizes that the cable is connected and UniOP running (control lines active), it will assume that the programming package is connected and the PCD will start in STOP mode, even if a valid PLC program is loaded. In all normal conditions (PCD and UniOP powered by the same source) proper operation will be however assured since the PLC is always faster than the UniOP to start-up (the PLC program will be running before UniOP goes to operation mode).
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## PCD6

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CA043	RS 232	If the PCD at the moment of the start-up recognizes that the cable is connected and UniOP running (control lines active), it will assume that the programming package is connected and the PCD will start in STOP mode, even if a valid PLC program is loaded. In all normal conditions (PCD and UniOP powered by the same source) proper operation will be however assured since the PLC is always faster than the UniOP to start-up (the PLC program will be running before UniOP goes to operation mode).
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## Schneider Auto

### AEG A120 TSX Compact

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CA055	RS 232
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### AEG A120 TSX Micro

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CA077	RS 232
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### MOMENTUM

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CA214	RS 422
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### TSX07 Nano

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CA076	RS 485
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### TSX17

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CA072	RS 485
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CA094	RS 485
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TSX37 Micro

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CA076	RS 485
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TSX47

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CA103	RS 232	This cable includes an RS-232 to Current Loop converter. The Current Loop interface is passive.
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TSX57 Premium

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CA076	RS 485
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Twido

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CA076	RS 485
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Uni-Telway

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CA102	RS 485
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**SEW Eurodrive**

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Movidrive

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CA081	RS 232
CA169	RS 485

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Movidyn

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CA141	RS 485	Connects to Movidyn MPB.../MPR... through X02 and to Movidyn MKS51A through X41
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Movitrac

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CA141	RS 485	Connects to Movidyn MPB.../MPR... through X02 and to Movidyn MKS51A through X41
CA160	RS 485	

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**Siemens**

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SIMATIC S5

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CA097	Current	To be used only with the NEW type of Current Loop interface (-0042)
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SIMATIC S5 CP 524

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CA153	RS 422
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SIMATIC S5 CP 524/525

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CA023	RS 232
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SIMATIC S7 200

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CA096	RS 485	Can be used to connect old panel models type -0044 (TCA06 interface) to S7-300/400
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Simatic S7 300

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CA128	RS 485	Compatible only with panels of type -0045 using TCM01 or TCM07. Use only for point-to-point connection in MPI systems. The Bus Connector 6ES7972-0BB20-0XA0 can be used for the PLC connector in order to provide the additional connection to the programming unit. The use of shielded connectors is recommended.
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SIMATIC TI 305-03

CA007	RS 232	Generic DTE DB25P RS-232
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SIMATIC TI 335

CA016	RS 232	
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SIMATIC TI 405 Series

CA008	RS 232	TI425/435 or Koyo DL405 Prog. Port
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SIMATIC TI 435

CA007	RS 232	Generic DTE DB25P RS-232
CA009	RS 422	TI435 or Koyo DL405 Network Port

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SIMATIC TI 505

CA012	RS 232	
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SIMATIC TI 525 / 535

CA242	RS 422	
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SIMATIC TI 545 CPU 1101

CA042	RS 422	
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SIMATIC TI 545 CPU 1103

CA104	RS 422	
CA121	RS 232	

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SIMATIC TI 555

CA022	RS 422	
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**Square D**

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SY/MAX 50

CA050	RS 232	
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**Taian**

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TP02

CA186	RS 422	Connection using the Computer Link Protocol
CA187	RS 485	Follow instructions for current earth connection of the PLC in TAIAN TP02 Series User's Manual

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**Toshiba**

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EX100

CA088	Current	To be used only with the NEW type of Current Loop interface (-0042). Compatible with M20, M40, EX-100 and EX-250.
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**EX250**

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CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
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**M20**

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CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
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**M40**

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CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
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**T1**

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CA106	RS 232	
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**T2**

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CA012	RS 232	
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**UniOP**

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**Adapter**

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CA038	RS-23	
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**Alfa Panel**

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CA119	RS 232	
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**ePALM10-0067**

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CA234	RS 232	
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**Gateway**

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CA241	RS 422	Programming cable for SJ2PB Gateway. Dedicated to Hitachi Inverter SJ series
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**PLC Port to DCE DE9P (Adapter)**

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CA038	RS 232	Can be used as an adapter between the PLC port of the panel and a communication cable designed for a 9 pin PC COM port.
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**SXP-320/325 Serial/Parallel Converter**

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CA215	RS 232	UniOP Printer Port to DCE Serial to Parallel Converter
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**TCA11 Adapter**

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CA227	RS 485	TCA11 adapter PLC/Port RS-485 / RS-422 Only
CA228	RS 232	TCA11 Adapter per CA2, CA114 and CA193

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**TSI01 - PC port**

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CA074	RS-23	
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**TSI01 - PLc port**

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CA073	RS 232	This cable is intended for use with the UniNET network
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TSI02 - Plc port

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CA075 RS-48

W&D Progr. Port of MD21 & MD23

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CA219 RS 232 Programming cable for special model MD21 & MD23 of  
Winkler & Dünnebier

WCE Programming Port to AT

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CA193 RS 232

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**Wago**

Modbus Programmable fieldbus controller

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CA235 RS 422

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**Warner Electric**

SLO-SYN 2000 Series

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CA081 RS 232

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**Westinghouse**

PC50

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CA005 Current Max cable length 60m. Use only with panels 0020

PC500

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CA005 Current Max cable length 60m. Use only with panels 0020

PC55

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CA005 Current Max cable length 60m. Use only with panels 0020

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**Yaskawa**

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CA223 RS 232 per AS-I ControllerE order no. AC1304

MP940

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CA194 RS 422

NS-600 Indexer

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CA198 RS 232

Sigma II

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CA198 RS 232

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**Z-World**

Little Star

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CA139 RS 232

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