
UniOP Cables - Manufacturer List

Producer Model Cable Type Note

Allen Bradley

1747 KE DF1 Module

CA012 RS 232

Device Net

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.

Micrologix

CA095 RS 232

PLC 5

CA007 RS 232 Generic DTE DB25P RS-232

SLC 5/03

CA012 RS 232

SLC 5/04

CA012 RS 232

SLC 500

CA025 RS 485

SLC 500 AIC Module

CA026 RS 485

CA029 RS 485 Connector to the A-B DH485 network

Altus

AL 2000

CA124 RS 232

CA125 RS 232

Compumotor

Zeta Drive

CA122 RS 232

Control Techniques

Dinverter A

CA131 RS 485

Dinverter B

CA127 RS 422

Unidrive

CA081 RS 232

Unidrive & Quantum III

CA116 RS 422

Crouzet

RPX10

CA129 RS 232

RPX30

CA129 RS 232

CTC

CA226 RS 232 PLC Port to CT Unidrive

CTC Controller

CA157 RS 232

Producer Model Cable Type Note

Danfoss

VLT5000
CA167 RS 485

Delta Tau

PMAC
CA172 RS 232 Connect to J5 connector

D-Tech

David 0.5 C1
CA096 RS 485 Can be used to connect old panel models type -0044 (TCA06 interface) to S7-300/400

Eagle Signal

Eagle Modbus Adapter
CA081 RS 232

Eberte

PLS514 & K43
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.

Entrelec

S200
CA196 RS 232 Cable to be 6 inches long - used as an adaptor cable

Festo

FC com
CA233 RS 232
FEC
CA147 RS 232
FPC 101
CA053 RS 232 connects to diagnostic port on front panel
FPC 405
CA055 RS 232
IPC
CA012 RS 232
SB 202
CA054 RS 232
SF3
CA054 RS 232

Galil

DMC 1500
CA081 RS 232

GE Fanuc

CMM Port 1
CA091 RS 232
CMM Port 2
CA090 RS 422 (A = -) (B = +)
CA091 RS 232
IC690ACC900 Converted
CA014 RS 232
Micro PLC
CA056 RS 232
Series 1 DCU
CA007 RS 232 Generic DTE DB25P RS-232

Producer Model Cable Type Note

Series 90 Programming port

CA010	RS 422	GE 90 Prog. Port
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VersaMax

CA081	RS 232	
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CA210	RS 422	
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GFR

ecs 3+

CA231	RS 485	
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Groundfos

Controll Unit CU 3

CA230	RS 485	
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Hitachi

EC Series

CA062	RS 232	
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EH-150

CA155	RS 232	
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CA221	RS 485	
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EH-Micro

CA155	RS 232	
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CA185	RS 422	
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CA195	RS 485	
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EM II

CA052	RS 232	
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H Series

CA051	RS 232	
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H-252C

CA132	RS 232	Operation is set at the speed of 19200 bauds (PHL=1)
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J300

CA163	RS 232	
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CA164	RS 485	
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L100

CA190	RS 422	
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L300P

CA205	RS 485	
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SJ100

CA190	RS 422	
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SJ300

CA205	RS 485	
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Honeywell

620 LCS

CA168	RS 422	Connection using the Modbus RTU protocol
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Idec Izumi

FA Series

CA050	RS 232	
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Micro 1

CA100	RS 232	Maximum cable length is 2 meters
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Micro 3

CA076	RS 485	
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Micro 3C

CA159	RS 485	
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Producer Model Cable Type Note

Micro 3C & TSX07 Schneider

CA138 RS 232

PF2-CLA Link Adapter

CA048 RS 232

PF3S-S1F2 Module

CA012 RS 232

Ifm Electronic

AS/I Controller

CA012 RS 232

AS-I ControllerE

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

Intelligent Actuator

XSEL controller

CA232 RS 232

Intramat

DKC

CA209 RS 485

IPM

IP1612L

CA112 RS 232

Jetter

NANO B

CA206 RS 232

CA207 RS 422

CA208 RS 232

Keyence

Keyence KV-L2

CA061 RS 232

Koyo

DL 205 Series

CA071 RS 232

DL 305 Series

CA016 RS 232

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

Matsushita

FP0

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

FP1

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

Producer Model Cable Type Note

CA046	RS 422	
FPM		
CA099	RS 232	DO NOT connect pin #5 of the PLC connector as this pin has 5V on it.

Mitsubishi

A Series		
CA066	RS 232	puo` essere usato anche come interfaccia RS 422
FX		
CA031	RS 422	
FX0		
CA030	RS 422	
FX0N		
CA030	RS 422	
FX0S		
CA030	RS 422	
FX2N		
CA030	RS 422	
CA216	RS 485	
Melsec R2 Module		
CA032	RS 232	Use with A1SJ71C24-R2 module for point to point connection. Refer to TN49 for more information.

Modicom Modbus

Modbus Micro		
CA076	RS 485	
Modbus Multiplexer		
CA098	RS 232	
Modbus port		
CA007	RS 232	Generic DTE DB25P RS-232
CA011	RS 232	

Möeller

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 (Moleer 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	

Producer Model Cable Type Note

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	

Mycom

MAC300		
CA081	RS 232	

Omron

C Series		
CA007	RS 232	Generic DTE DB25P RS-232
CA065	RS 422	
C200H		
CA058	RS 232	
C200HS		
CA058	RS 232	
C20H		
CA044	RS 232	Compatible with: Matsushita FP1, Omron C20H
C60H		
CA044	RS 232	Compatible with: Matsushita FP1, Omron C20H
CJ		
CA222	RS-232	
CPM1		
CA058	RS 232	
CA126	RS 422	
CQM Series		
CA058	RS 232	
CS1		
CA058	RS 232	
CV Series		
CA058	RS 232	
CA078	RS 422	

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

Producer Model Cable Type Note

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

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

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).

PCD6

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).

Schneider Automation

AEG A120 TSX Compact

CA055 RS 232

AEG A120 TSX Micro

CA077 RS 232

MOMENTUM

CA214 RS 422

TSX07 Nano

CA076 RS 485

TSX17

CA072 RS 485

CA094 RS 485

TSX37 Micro

CA076 RS 485

TSX47

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

TSX57 Premium

CA076 RS 485

Producer Model Cable Type Note

Uni-Telway

CA102 RS 485

SEW Eurodrive

Movidrive

CA081 RS 232

CA169 RS 485

Movidyn

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

Movitrac

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

CA160 RS 485

Siemens

SIMATIC S5

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

SIMATIC S5 CP 524

CA153 RS 422

SIMATIC S5 CP 524/525

CA023 RS 232

SIMATIC S7 200

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

Simatic S7 300

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.

SIMATIC TI 305-03

CA007 RS 232 Generic DTE DB25P RS-232

SIMATIC TI 335

CA016 RS 232

SIMATIC TI 405 Series

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

SIMATIC TI 435

CA007 RS 232 Generic DTE DB25P RS-232

CA009 RS 422 TI435 or Koyo DL405 Network Port

SIMATIC TI 505

CA012 RS 232

SIMATIC TI 545 CPU 1101

CA042 RS 422

SIMATIC TI 545 CPU 1103

CA104 RS 422

CA121 RS 232

SIMATIC TI 555

CA022 RS 422

Square D

SY/MAX 50

CA050 RS 232

Taian

TP02

CA186 RS 422 Connection using the Computer Link Protocol

Producer Model Cable Type Note

CA187	RS 485	Follow instructions for correct earth connection of the PLC in TAIAN TP02 Series User's Manual
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Toshiba

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.
EX250		
CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
M20		
CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
M40		
CA088	Current	To be used only with the NEW type of Current Loop interface (-0042).Compatible with M20, M40, EX-100 and EX-250.
T1		
CA106	RS 232	
T2		
CA012	RS 232	

UniOP

Adapter		
CA038	RS-232	
Alfa Panel		
CA119	RS 232	
ePALM10-0067		
CA234	RS 232	
PLC Port to DCE DE9P (Adapter)		
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.
SXP-320/325 Serial/Parallel Converter		
CA215	RS 232	UniOP Printer Port to DCE Serial to Parallel Converter
TCA11 Adapter		
CA227	RS 485	TCA11 adapter PLC/Port RS-485 / RS-422 Only
CA228	RS 232	TCA11 Adapter per CA2, CA114 and CA193
TSI01 - PC port		
CA074	RS-232	
TSI01 - PLC port		
CA073	RS 232	This cable is intended for use with the UniNET network
TSI02 - Plc port		
CA075	RS-485	
W&D Progr. Port of MD21 & MD23		
CA219	RS 232	Programming cable for special model MD21 & MD23 of Winkler & Dünnebier
WCE Programming Port to AT		
CA193	RS 232	

Wago

Modbus Programmable fieldbus controller		
CA235	RS 422	

Warner Electric

SLO-SYN 2000 Series		
CA081	RS 232	

WestingHouse

PC50		
CA005	Current	Max cable length 60m. Use only with panels 0020

Producer Model Cable Type Note

PC500

CA005	Current	Max cable length 60m. Use only with panels 0020
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PC55

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
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MP940

CA194	RS 422	
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NS-600 Indexer

CA198	RS 232	
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Sigma II

CA198	RS 232	
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Z-World

Little Star

CA139	RS 232	
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