

JUMO DICON touch – Two-Channel/Four-Channel Process and Program Controller with Paperless Recorder and Touchscreen (703571)



- Vibrant 3.5 inch color screen, with 320 × 240 pixels and 256 colors
- 32 programs with easy-to-use program entry and program control
- Interfaces as a standard feature: USB host, USB device, RS485 (COM1)
- Available as an interface (COM2): RS422/485 Modbus master/slave, PROFIBUS DP, Ethernet, PROFINET IO device
- Integrated paperless recorder with tamper-proof data storage
- 4 individual process screens with user configurable input fields
- 16 math and logic functions
- Flexible through modular hardware
- Password-protected user administration
- Five-digit analog value display
- Individual operating level
- Control loop and output level monitoring
- Integrated timer and time switch
- Service and operating hours counter
- Web server for online visualization via a web browser
- Alarm by email
- Protection type on the front, IP66
- AMS2750/CQI-9 calibration certificate
- cULus, DNV GL, DIN EN14597 approval

Order details

(1) Basic type	
703571	DICON touch Two-channel process controller (2x universal inputs, 2x relays (changeover), 7x bin. inputs, 1x RS485 Modbus)
(2) Version	
8	Standard with default settings
9	Customer-specific configuration (specification in plain text)
(3) Language	
01	German/English
02	English/English
03	French/English
99	Customer-specific
(4) Input 3	
00	Not to be used
10	Universal input
(5) Input 4	
00	Not to be used
10	Universal input
(6) Output OUT 3/4	
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS relays
20	2 solid-state relay AC 230 V, 1 A for motor actuator
(7) Output OUT 5/6	
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output

17	2 PhotoMOS relays
20	2 solid-state relay AC 230 V, 1 A for motoracuator
(8) Output OUT 7/8	
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS relays
(9) Output OUT 9/10	
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS relays
(10) Output OUT 11/12	
00	Not to be used
11	Relay (changeover)
12	2 relays (make contacts)
13	Solid-state relay 230 V, 1 A
14	Logic output 0/22 V
15	2 logic outputs 0/12 V
16	Analog output
17	2 PhotoMOS relays
(11) Voltage supply	
23	AC 110 to 240 V +10/-15 %,48 to 63 Hz
39	AC/DC 24V +30/-25%,48..63Hz
(12) Interface Com2	
00	Not used
08	Ethernet
54	RS422/485 Modbus RTU
63	PROFINET-IO-Device (2 × RJ45)
64	PROFIBUS DP (slave)
(13) DIN approved	
000	Without approval
056	With DIN approval
(14) DNV GL approved	
000	Without approval
062	With DNV GL approval
(15) Extra codes	
000	Without extra code
209	controler channel 3+4
213	Recording function
214	Math and logic module formula 1-8
215	Math and logic module formula 9-16
223	Program generator/program controller
879	AMS2750/CQI-9

Order code

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15)
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List extra codes in sequence and separate using commas.

Important information:
Extra code 879 (AMS2750/CQI-9)

For the calibration certificate, the channels to be checked must be named, stating the thermocouple type and the desired measuring points. The device is to be used as a permanently installed field device. Use as a mobile field testing device for SAT and TUS exams is not permitted.

This extra code is only available in conjunction with customer-specific configuration (language/setup=9).


Stock versions

Order code	Part no.
703571/8-01-00-00-00-00-00-00-23-00/000	00607044
703571/8-01-00-00-00-00-00-00-39-00/000	00607045

Accessories

Description	Part no.
Universal Input Module 703571(20258x)	00775887
Relay Module Dicon Touch 703571(20258x)	00581160
2x Relays Output Module Dicon Touch 7035	00581162
Solid-State Relay Module Dicon Touch 703	00581164
703571(20258x)/14 (Logic Output 0/22 V)	00581165
2x Logic Output Module Dicon Touch 70357	00581168
Analog Output Module Dicon Touch 703571(00581169
703571/20258x /17 (2 PhotoMOS relays)	00581171
703571 2*Halbleiterrelais 230V/1A	00621574
Ethernet Board Dicon Touch 703571(20258x	00581174
RS422/485 Modbus Board Dicon Touch 70357	00581172
PROFINET Board Dicon Touch 703571(20258x	00694792
Interface PROFIBUS-DP 703571(20258x)	00581173
USB cable, A-connector to Mini-B connect length 3 m	00506252
USB stick 2.0 (2 GB)	00505592
703564/1-23 ER8 3A/250V	00405292
703564/1-22 ER8 relay module 3A/250V, 20	00405297
703571/4 (Activation controller 3 and 4)	00729700
703571(20258x)/213 (Recording function)	00581176
703571(20258X)/214 (Mathe/Logic F1-F8)	00581177
703571/215 (Mathe/Logic F9-F16)	00729701
703571(20258x)/223 (Program controller)	00581179
License automatic print PCA3000	00505548
Retaining bracket for DIN rail, for type 703054 (96 mm × 96 mm)	00754309
Surface-mounted housing for type 96x96mm (96 mm × 96 mm), with lid	00750965
Intermediate frame	00728860
Stainl. steel housing cutout 96 x 96 mm	00628452

Accessories see price sheet:

- External relay / logic modules (70.3564)

Software

Description	Part no.
PCA3000 JUMO Evaluation-SW 709701	00431882
PCA3000/PCC JUMO SW-package 709701/02	00431884
GSD-Generator JUMO 144.01.xx/1.xx (download free of charge on our website)	00432892
Setup/Programmeditor/Startup JUMO DICON 703571	00606496
Program editor JUMO DICON touch 703571	00607139
JUMO Device App for Android	00656256
JUMO DICON touch PROFINET GSDML-Datei	00682707