

JUMO AQUIS touch S - Modular Multichannel Measuring Device for Liquid Analysis with Integrated Controller and Paperless Recorder (202581)

- Up to four analysis inputs in any combination for direct connection of sensors for liquid analysis
- Up to 21 further measuring signals can be connected either directly or via interface
- Interfaces: USB host, USB device, Modbus, PROFIBUS DP, Ethernet
- Ethernet function: web server, alarm alerts by email, setup per PC, readout of recorded measurement data
- Vibrant TFT color graphics screen with 5.5" diagonal screen sizes, 320 × 240 pixels, and 256 colors
- Intuitive operation via touchscreen
- Wall-mounted housing (protection type IP67) with spacious connection area



Order details

(1) Basic type	
202581	AQUIS touch S (several in- and outputs are already available, for this see data sheet)
(2) Version	
8	Standard with default settings
9	Customer-specific configuration (specification in plain text)
(3) Language	
01	German
02	English
03	French
(4) Analysis input 1	
0	Not to be used
1	pH / Redox / NH ₃
2	CR conductive conductivity (2- / 4-pole)
3	Ci inductive conductivity
(5) Analysis input 2	
0	Not to be used
1	pH / Redox / NH ₃
2	CR conductive conductivity (2- / 4-pole)
3	Ci inductive conductivity
(6) Analysis input 3	
0	Not to be used
1	pH / Redox / NH ₃
2	CR conductive conductivity (2- / 4-pole)
3	Ci inductive conductivity
(7) Analysis input 4	
0	Not to be used
1	pH / Redox / NH ₃
2	CR conductive conductivity (2- / 4-pole)
3	Ci inductive conductivity
(8) Input / output 1	
00	Not to be used
10	Universal input
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) Input / output 2	
00	Not to be used
10	Universal input

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) Input / output 3	
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
18	3 binary inputs
(11) Input / output 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
18	3 binary inputs
(12) 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
19	Power supply output DC +/-5V,24V
(13) 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
(14) 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
(15) Voltage supply	
23	AC 110 to 240 V +10/-15 %,48 to 63 Hz
25	AC/DC 20..30V,48..63Hz
(16) Interface Com2	

00	Not used
54	RS422/485 Modbus RTU
64	PROFIBUS DP (slave)
(17) Interface Com3	
00	Not to be used
08	Ethernet
(18) Voltage output	
1	12 V DC
2	24 V DC
(19) Extra codes	
000	Without extra code
213	Recording function
214	Math and logic module
269	USB-Host-socket (IP67)
962	JUMO digiLine protocol activated

Order code

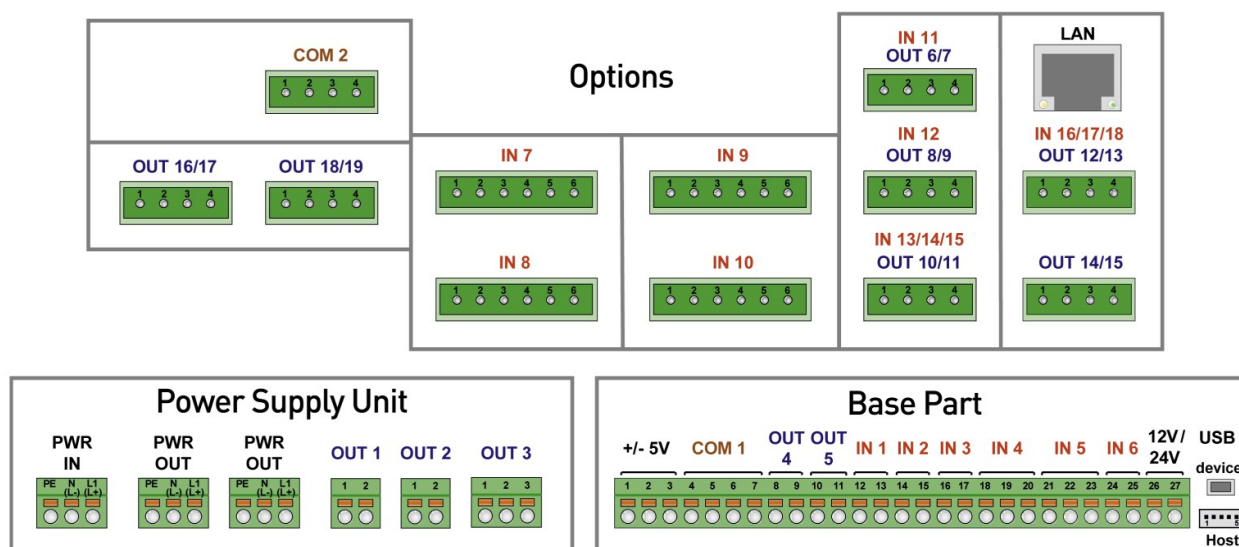
(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19)

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List extra codes in sequence, separated by commas.

Overview: order code and rear panel description

Order code	Rear panel description
Analysis input 1 (4)	IN 7
Analysis input 2 (5)	IN 8
Analysis input 3 (6)	IN 9
Analysis input 4 (7)	IN 10
Input/output 1 (8)	IN 11, OUT 6/7
Input/output 2 (9)	IN 12, OUT 8/9
Input/output 3 (10)	IN 13/14/15, OUT 10/11
Input/output 4 (11)	IN 16/17/18, OUT 12/13
Output 5 (12)	OUT 14/15
Output 6 (13)	OUT 16/17
Output 7 (14)	OUT 18/19





Stock versions

Order code	Part no.
202581/8-01-0-0-0-0-00-00-00-00-00-00-23-00-08-2/213,214,061,269,962	00588982

Accessories

Description	Part no.
20258x/1 (Analyseneingang pH/Rd/NH3)(PG2	00584264
20258x/2 (Analyseneingang CR)(PG209796)	00584263
202581/3 (Analyseneingang Ci)(PG209796)	00584265
Universal Input Module 703571(20258x)	00775887
Replacement 775887 703571(20258x)/10	00581159
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
20258x/18 (3 Binäreingänge)(PG209796)	00592962
20258x/19 (Versorgungsspannungsausg. DC (PG209796)	00592963
Ethernet Board Dicon Touch 703571(20258x	00581174
RS422/485 Modbus Board Dicon Touch 70357	00581172
Interface PROFIBUS-DP 703571(20258x)	00581173
703571(20258x)/213 (Recording function)	00581176
703571(20258X)/214 (Mathe/Logic F1-F8)	00581177
USB cable, A-connector to Mini-B connect length 3 m	00506252
USB stick 2.0 (2 GB)	00505592
Set USB-Einbaubuchse (TZ 269)	00608741
Ethernet RJ-45-Stecker zur Selbstmontage (PG 209791)	00594813
Schalttafeleinbauset JUMO AQUIS touch S	00602403
Pipe mounting set for AQUIS touch S (PG2	00602401
Schutzdachset für AQUIS touch S (PG20979	00602404
Kabelverschraubungs-Set AQUIS touch S für maximale Bestückung (PG209791)	00597461
License automatic print PCA3000	00505548
preconfiguration (Service)	00427968
deployment of service	00427970
Wartung Analysenmesstechnik	00758365

Software

Description	Part no.
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 AQUIS touch S/P JUMO; (PG202599	00594355
JUMO Device App for Android	00656256