

TAC5 vs TAC6 vs Tac 7: Options, Accessories, Inputs and Outputs

	TAC 5	TAC 6	TAC 7
	Option available/ Accessories	Option available/ Accessories	Option available/ Accessories
CT	√	√	√
CT with spring return	√	√	√
CT without SMO	√	√	√
KWin	√	√	√
KWout	√	√	√
IBA (NV) – see also feature «Pump contact for heating»	√	√	√
EBA - (hydraulic external coil / evaporation / condensation, post-cooling)	√	√	√
Essential accessory - see also cooling contact functionality	372004 Kit SAT TAC5 BA/KW	522129 Kit EBA control	522129 Kit EBA control
EBA + & +/- (external hydraulic coil / evaporation / condensation, post-heating or reversible) - see also heating / cooling contact functionality	√	√	√
Optional accessory	005358 Cable for SMO 3 ways valve (extender)		
KWext	√	√	√
Essential accessory	372004 Kit SAT TAC5 BA/KW	522128 Kit KWext control	522128 Kit KWext control
Kit CA with MODBUS sensors (0-2500Pa)	√ 521434	√ 522276	√ 522714
Kit Defrost	√ 521260 Kit defrost GLOBAL PX	√ 521260 Kit defrost GLOBAL PX	√ 522717 Kit defrost GLOBAL PX

Kit Pressostat (pressure switch)	✓ 360025	✓ 360025	✓ 360025
Pressure sensors (Modbus/Analog), CO2 (duct /wall), humidity (duct/wall), ambient T°	✓	✓	✓
COM4	✓ 010007	✓ 010007	✓ G001007
USB-RS485 connectorized cable for HMI PC TACsimulator (no other accessory required)		✓ 522224	✓ 522224
Kit TACTouch	✓ 372146 Kit TACTouch TAC5 (V2)	✓ 372142 Kit TACTouch TAC6	✓ 372194 Kit TACTouch TAC7
SAT Modbus	✓ 025006	✓ 025006	✓ 025006
SAT Ethernet	✓ 025072 SAT ETHERNET	✓ 025072 SAT ETHERNET	
SAT WIFI	✓ 025071 SAT WIFI + ANTENNE	✓ 025071 SAT WIFI + ANTENNE	
SAT KNX	✓ 025045 SAT KNX	✓ 025045 SAT KNX	✓ 025045 SAT KNX
BACnet gateway	✓ 521412 BACnet gateway	✓ 521412 BACnet gateway	✓ 521412 BACnet gateway
SAT MQTT (Swegon Inside)			✓ G020056
SAT WIFI Ethernet			✓ G020055

Feature	TAC5	TAC6	TAC7 *
Pump contact for heating via IBA / EBA/ EBA+/-	Output relay on 370005 SAT3 OR3 ⁽¹⁾	Integrated digital Output DO7 ⁽²⁾	Integrated digital Output DO7 ⁽²⁾
Pump contact for cooling via EBA-/ EBA+/-	Output relay WP-WP SAT BA/KW ⁽³⁾	Integrated digital Output DO8 ⁽²⁾	Integrated digital Output DO8 ⁽²⁾
Status pressure alarm contact	SAT3 OR1 ⁽¹⁾	Integrated digital output DO10 ⁽²⁾	Integrated digital output DO10 ⁽²⁾

Fan run status contact	SAT3 OR2 ⁽¹⁾	Integrated digital output DO11 ⁽²⁾	Integrated digital output DO11 ⁽²⁾
Bypass status contact	SAT3 OR4 ⁽¹⁾	Contact OR3 on 372144 SAT IO TAC6 ⁽³⁾	Contact OR3 on 372144 SAT IO TAC6 ⁽³⁾
Default alarm status contact	Integrated output relay ⁽⁴⁾	Integrated digital output DO9 ⁽²⁾	Integrated digital output DO9 ⁽²⁾
0-10V voltage outputs proportional to Flow / Pressure Supply / Extraction	2 integrated analog outputs	2 analog outputs on SATIO	2 analog outputs on SATIO
Supply / extraction flow override contact in the event of a fire alarm	2 integrated digital inputs, NC contact	2 digital inputs on SATIO, NO contact	2 digital inputs on SATIO, NO contact
Stop heating contact	1 integrated digital input	1 digital input on SATIO	1 digital input on SATIO
Contact for master selection	1 integrated digital input (by default, contact not master)	1 digital input on SATIO (by default, contact master)	1 digital input on SATIO (by default, contact master)
Stop cooling contact	1 digital input on SAT BA/KW	- (Cool stooped when heat not stopped)	- (Cool stooped when heat not stopped)
Contact for activation of automatic mode based on time schedules	1 integrated digital input		
Fire alarm contact	1 integrated digital input	1 integrated digital input	1 integrated digital input
Boost contact	1 integrated digital input	1 integrated digital input	1 integrated digital input
Bypass activation override contact	1 integrated digital input	1 integrated digital input	1 integrated digital input

Features linked to inputs / outputs for TAC5 / TAC6 / TAC 7 (all the features with contact are also available in communication)

Notes:

- (1) Output relay SAT3: 230V AC/30V DC, I_{max} 3A.
- (2) Connection to a standard 24V external relay is advised (see TAC6 and TAC7 wiring diagram). The output can be used directly if the application meets specification (24 V DC, I_{max} 0,1 A).
- (3) Relay output max 30VDC / 42VAC - 2A DC / 2.8A AC, connection to a standard external 24V relay is necessary if the application requires 230 V AC.
- (4) Output relay TAC5 DG/DT: 250V AC, I_{max} 8A.

* TAC7 allows I/O mapping.