Selection guide
ATS Controller

	What type of supply? ▸	Which application?

	Simple functions	Digital functions
	ATyS C25	*ATyS C35*
	p. 2	*p. 2*

Power supply		
AC power supply voltage (phase-neutral)	184-300 VAC	184-300 VAC
AC power supply voltage (phase-phase)	N/A	N/A
Supply frequency range	45-65 Hz	45-65 Hz
DC power supply voltage (option)	12-24 VDC	12-24 VDC
Power supply via USB port		
30 second energy backup in the event of a power cut.		
Integrated external double power supply (DPS) for supplying RTSE (6A AC-1)[2]	•	•
Internal double power supply (DPS) from voltage sensing [3]	•	•
Measurement		
Voltage measurement range	90-520 VAC (Phase-phase)	90-520 VAC (Phase-phase)
Voltage measurement accuracy		
Frequency measurement accuracy		
Phase angle measurement		•
Current / power / energy measurement		
Application		
RTSE class compatibility	PC (switch) / CC (contactor)	PC (switch) / CC (contactor) / CB (circuit breaker)
Mains / Mains	•	•
Mains / Genset	•	•
Genset / Genset		
HMI		
LCD display		96x64 pixels
Configuration wizard		
Remote display (D70 / D50)		
Compatible with WebView (D70/M70)		
Configuration with Easy Config System		
Communication		
RS485 - Modbus	•	•
Digibus (Digiware RJ45 connection)		
Functions		
Tests	On load	On load / Off load
Inhibited	•	•
Password protection		1 level
Circuit breaker trip management		
Phase transfer		
Genset cycles		
Genset management		
Bypass timer		
Configurable alarms		
Event logging		
Load shedding		
I/O		
Inputs	5 fixed	4 fixed 3 programmable
Outputs	4 fixed	4 fixed 1 programmable[1]
Environment		
IP protection (front panel)	IP4X	IP4X
IK	IK08	IK08
EMC (as per IEC 61326-1 & IEC 60947-6-1)	Class A	Class A
Overvoltage category	III	III
Pollution Degree	PD 2	PD 2
Temperature range	-25 to +70 °C	-25 to +70 °C

(1) In Mains/Mains mode only, fixed in Mains/Genset mode. (2) Supplies voltage from both sources to the motor. (3) The product can be powered from both sources.

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	Functions?	▶	Digiware connectivity

Smart functions	Connected functions
ATyS C55	ATyS C65
p. 2	p. 2
N/A	N/A
80-576 VAC	80-576 VAC
45-66 Hz	45-66 Hz
9-28 VDC	9-28 VDC
•	•
	•
•	•
50-576 VAC	50-576 VAC
0.5%	0.5%
0.1%	0.1%
•	•
	•
PC (switch) / CC (contactor) / CB (circuit breaker)	PC (switch) / CC (contactor) / CB (circuit breaker)
•	•
•	•
•	•
350x160 pixels	350x160 pixels
•	•
•	•
•	•
•	•
•	•
	•
On load / Off load	On load / Off load
•	•
3 levels	3 levels
•	•
•	•
•	•
1 program	4 programs
•	•
•	•
300 events	3000 events
	Forced and smart load shedding
6 programmable	6 programmable (option for +24)
6 programmable	6 programmable (option for +18)
IP4X (IP65 with seal)	IP65
IK08	IK08
Class A & B	Class A & B
III	III
PD 3	PD 3
-30 to +70 °C	-30 to +70 °C

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