

Selection guide

ATS Controller

Which type of power supply?

Which application?

Classic functions	Simple and digital functions
	 new
ATyS C25 p. 282	ATyS C35 p. 284

Power supply

AC Supply voltage Phase-Neutral	184-300 VAC	184-300 VAC
AC Supply voltage Phase-Phase	N/A	N/A
Frequency supply range	45-65 Hz	45-66 Hz
DC Supply voltage (optional)	12-24 VDC	12-24 VDC
Powered by USB port		
30s energy backup during blackout		
Integrated external DPS to switch (6A AC1) ⁽²⁾	•	•
Internal 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 / and energy measurement		

Application

RTSE class compatibility	PC (switch based) / CC (contactor)	PC (switch based) / CC (contactor) / CB (circuit breaker)
Main-Main	•	•
Main-Gen	•	•
Gen-Gen		

HMI

LCD Screen		96x64 pixels
Wizard configuration		
Remote display (D70 / D50)		
Compatible with webview (D70/M70)		
Configuration with ECS		

Communication

RS485 - Modbus	•	•
Digibus (digiware RJ45 connexion)		

Functions

Tests	On load	On load / Off-load
Inhibition	•	•
Password protection		1 level
Breaker trip manangement		
In-phase transfer		
Genset Cyclers		
Genset scheduler		
Bypass timers		
Configurable alarms		
Event reccording		
Load shedding		

I/O

Inputs	5 fixed	4 fixed 3 programmable
Outputs	4 fixed	4 fixed 1 programmable ⁽¹⁾



Environment

IP rating (front face)	IP4X	IP4X
IK	IK 08	IK 08
EMC (according to IEC 61326-1 & IEC 60947-6-1)	Class A	Class A
Overvoltage category	III	III
Pollution CAT	PD 2	PD 2
Temperature use range	-25 - +70°C	-25 - +70°C

(1) In Main-Main mode only fixed in Main-Gen. (2) Supplies voltages from both source to motor. (3) Product can be powered by both sources.

Functionalities?

Digiware connectivity

	Smart functions	Connected functions
		
	ATyS C55 <i>p. 286</i>	ATyS C65 <i>p. 288</i>
	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 based) / CC (contactor) / CB (circuit breaker)	PC (switch based) / CC (contactor) / CB (circuit breaker)
	•	•
	•	•
	•	•
	350x160 pixels	350x160 pixels
	•	•
	•	•
	•	•
	•	•
	•	•
	On load / Off-load	On load / Off-load
	•	•
	3 level	3 level
	•	•
	•	•
	•	•
	1 program	4 programs
	•	•
	•	•
	300 events	3000 events
	basic load shed	Basic & smart load shed
	6 programmable	6 programmable (+24 optional)
	6 programmable	6 programmable (+18 optional)
	IP4X (IP65 with gasket)	IP 65
	IK 08	IK 08
	Class A & B	Class A & B
	III	III
	PD 3	PD3
	-30 - +70°C	-30 - +70°C