



Representative Photo Only
(actual product may vary based on configuration selections)

ATyS P 250A 4 pole basic transfer switch - integrated transfer logic, LCD display with energy/power metering, comms

- Plug and play solution
- Integrated auto-configuration
- Quick installation
- Manual emergency control
- Continuous information on product availability
- Robust products
- High levels of performance

SPECIFICATIONS

Component Type	Power Distribution & Protection	Automatic Transfer Switch
Frame Size	B4 size	
Number of Poles	4	
Unom, Supply Voltage, AC, Nom	230 V AC	
Umin, Supply Voltage, AC, Min	166 V AC	
Umax, Supply Voltage, AC, Max	332 V AC	
Ith, Thermal Current at 40°C	250 A	
Details, Thermal Current	Derating correction factor(Kt) applies from 40°C to 70°C. Kt=0.9 for temperature from 40°C to 50°C; Kt=0.8 for temperature from 50°C to 60°C; Kt=0.7 for temperature from 60°C to 70°C.	
Ie, Rated Operational Current, AC-21a, 415V	250 A@415V	
Ie, Rated Operational Current, AC-21a, 690V	200 A@690V	
Ie, Rated Operational Current, AC-21b, 415V	250 A@415V	
Ie, Rated Operational Current, AC-21b, 690V	200 A@690V	
Ie, Rated Operational Current, AC-22a, 415V	250 A@415V	
Ie, Rated Operational Current, AC-22a, 690V	160 A@690V	
Ie, Rated Operational Current, AC-22b, 415V	250 A@415V	
Ie, Rated Operational Current, AC-22b, 690V	160 A@690V	
Ie, Rated Operational Current, AC-23a, 415V	200 A@415V	
Ie, Rated Operational Current, AC-23a, 690V	125 A@690V	
Ie, Rated Operational Current, AC-23b, 415V	200 A@415V	
Ie, Rated Operational Current, AC-23b, 690V	125 A@690V	
Ie, Rated Operational Current, AC-31b, 415V	250 A@415V	
Ie, Rated Operational Current, DC-20a, 220V	250 A@220V	
Ie, Rated Operational Current, DC-20a, 440V	250 A@440V	
Ie, Rated Operational Current, DC-20b, 220V	250 A@220V	
Ie, Rated Operational Current, DC-20b, 440V	250 A@440V	

Ie, Rated Operational Current, DC-21a, 220V	250 A@220V
Ie, Rated Operational Current, DC-21a, 440V	200 A@440V
Ie, Rated Operational Current, DC-21b, 220V	250 A@220V
Ie, Rated Operational Current, DC-21b, 440V	200 A@440V
Ie, Rated Operational Current, DC-22a, 220V	250 A@220V
Ie, Rated Operational Current, DC-22a, 440V	200 A@440V
Ie, Rated Operational Current, DC-22b, 220V	250 A@220V
Ie, Rated Operational Current, DC-22b, 440V	200 A@440V
Ie, Rated Operational Current, DC-23a, 220V	200 A@220V
Ie, Rated Operational Current, DC-23a, 440V	200 A@440V
Ie, Rated Operational Current, DC-23b, 220V	200 A@220V
Ie, Rated Operational Current, DC-23b, 440V	200 A@440V
Icw, short time withstand current, 1s (rms)	8 kA for 1s
Ipk, Peak Current, Max	30000 A
Current, Fuse-Protected Short-Circuit Capacity, 400V	50 kA
Fuse Current Rating	250 A
Ui, Rated Insulation Voltage	1000 V (rms)
Uimp, Impulse Withstand Voltage	12 kV
Cable Cross Section (Min)	95 mm ²
Cable Cross Section (Max)	150 mm ²
Busbar Width, Max	32 mm, max
Switching Time (I - II / II - I)	1.3 s
Switching Time (I - 0 / II - 0)	0.85 s
Electrical Blackout Time (I - II)	0.6 s
Supply Power, Inrush	298 VA
Supply Power, Rated, AC 50Hz	137 VA
Mechanical Service Life	8000 cycles
Operating Temperature, Min	-20 °C min
Operating Temperature, Max	40 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	70 °C max
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
Altitude, Operating (No Derating)	2000 m
Height	184 mm
Width	334 mm
Depth	244 mm
Weight	8.5 kg
Standards Compliance	IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 60947-6-1 IEC 60947-3 GB 14048-11
Certifications	CE RoHS

REFERENCES

IECEx Certificate -

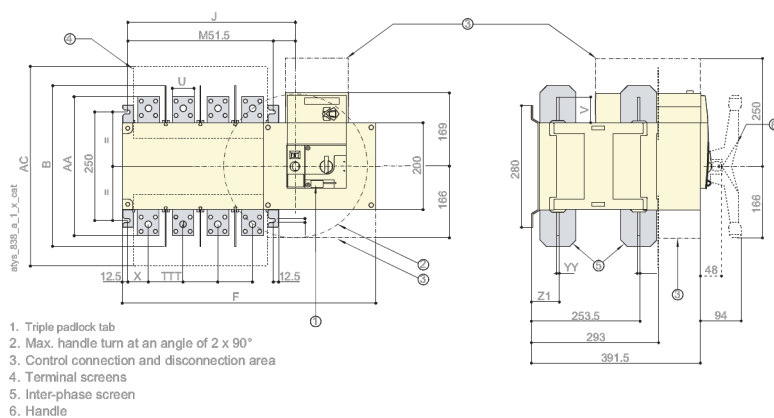
Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -



Rating (A)/ Frame Size	Overall Dimensions	Terminal Shrouds	Switch Body					Switch Mounting			Connection					
	B	AC	F 3p.	F 4p.	J 3p.	J 4p.	J1	M 3p.	M. 4p.	T	U	V	X	Y	Z1	AA
125 / B3	370	461	504	584	306.5	386.5	255	335	80	50	60.5	47.5	7	66.5	321	3.5
160 / B3	370	461	504	584	306.5	386.5	255	335	80	50	60.5	47.5	7	66.5	321	3.5
200 / B3	370	461	504	584	306.5	386.5	255	335	80	60	65	47.5	7	66.5	330	3.5
250 / B4	380	531	596	716	398.5	518.5	347	467	120	90	44	53	8	67.5	288	3.5
315 / B4	345	288	328	378	152	195	245	160	210	50	35	35	11	33	33	3.5
400 / B4	345	288	328	378	152	195	245	160	210	50	35	35	11	33	33	3.5
500 / B5	402	402	377	437	221	244	304	210	270	65	32	50	14	42.5	37.5	5
630 / B5	394	402	377	437	221	244	304	210	270	65	45	50	13	42.5	37.5	5

Dimension Diagram