

ATS80A4PC3

ASCO 230 ATS 80A 4P C/W C300 EMB.CONTR 400VAC OPEN A-FRAME

ASCO230 SERIES ATS > FRAME A with C300 CONTROLLER



FEATURES

ATS UNIT:

- PC Class ATS
- High ability to withstand lightning strikes (40kA 8/20 μ s)
- Simple reliable mechanism, compact and stylish appearance
- Modular design, convenient operation, easy maintenance
- Three operation positions. Both sources can be isolated in a center-off position

Controller:

- Different Operating Modes
- C300 and C2000 can work with an external 24VDC power supply
- High frequency switching power supply
- Data remains intact if power is lost
- Intelligent fault diagnostics enable self-protecting motor feature
- RS485 communication interface is available
- Priority Source Swap

APPLICATIONS

- Commercial & residential buildings, Hospitals, Telecom, Subway and transportation, Data centers, Military and fire pumps

SPECIFICATIONS

Part Number	ATS80A4PC3
Manufacturing Number	A2ADTLB30080JBX072D OTTS
Rated Operational Current Ie (A)	80
Rated Insulation Voltage Ui (V)	800
Rated Impulse Withstand Voltage Uimp (kV)	8
Rated Operational Voltage Ue (V)	400
Rated Frequency (Hz)	50/60Hz
Poles	4
Rated Short-Time Withstand Current Icw (kA, RMS)	6 (0.03s)
Rated Short-Circuit Making Capacity Icm (kA, PEAK)	8
Withstand and Making Conditional Short-Circuit Rating Iq (kA):	
When Used With Current Limiting Fuses	65
When Used With Specific Circuit Breakers	15
Making and Breaking Capacity	10 Ie
Mechanical Operation Performance (cycles)	10000
Utilization Category	AC-32A, AC-33B
Operational Voltage range (AC)	125 ~ 300V (L-N)
EMC Class	Class A
Wiring Way	Front
Separate Lock Mechanism	Standard
Auxiliary Contact (Optional)	4 contacts maximum
Controller	C300
RS485	Optional
Dimensions	124H X 252W X 107D
Weight	2.0Kg

ATS80A4PC3

SPECIFICATIONS	
Controller specification	
Rated Operation Voltage Ue(V)	240
Rated Frequency (Hz)	50/60Hz
Display Indicator	
Source(I,II) Available	Y
ATS Position	Y
Control Mode	
Manual/Automatic	Y
Source I Priority	Y
No Source Priority	Y
Remote Control	Y
Unique Control Function	
Remote control Priority (2)	Y
Priority Source Swap	Y
Diagnosis fault intelligent with self-protection function	Y
Source Sensing Setting	
Voltage Sensing(4)	L1-N,L2-N,L3-N
Frequency Sensing	Y
Power loss	Y
Phase loss (5)	L1,L2,L3
Undervoltage	65%, 70%, 80%, 85%
Overvoltage (6)	120% / OFF
Overfrequency Transfer	1.15
Underfrequency Transfer	0.85
Time Delay Setting	
Override Momentary Source Outage	1s
Transfer to Source II	0s, 5s, 30s, 5min
Transfer to Source I	1s, 30s, 5min, 30min
Engine Cooldown	2min
Center-Off Position Delay	OFF / 5s
Others	
RS-485	Optional
Additional 24V DC Power Input	Y
Generator Control Signal Output	Y
Fire Control Signal Input	Y
Alarm	Y
Auxiliary Contact	Optional
Event Log	
Display Type	LED
Installation	DIN rail installation and Panel installation

ATS80A4PC3

Y = Yes, Standard; Blank = Not Available/ Not Applicable

- Remarks:
1. For 3 phase application the C300 is powered by L-N voltage
 2. Only available for source priority mode
 3. For C300 controller, Source II Voltage sensing is only on L1
 4. For C300 controller, Source II Phase loss sensing is only on L1
 5. When the controller is used on 415V, its Overvoltage Dropout is 115% both on Source I and Source II

DIMENSIONS

A2ADTL-4P

