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**Data Sheet**

August 15, 2026

ATC

## ATC 365A 300 Q 30PX Long-Ranger Timer

ATC 365A 300 Q 30PX Long-Ranger Computing Timer Queue model 365A300Q30PX is Automatic Timing and Controls 365A Long-Ranger, configuration 300 Q 30PX: range 0 to 9.99 / 99.9 / 999 sec, min or hr; 120 VAC 50-60 Hz; arrangement 30 on-delay with display (reset on power failure); plug-inPand standard X. ATC 365/365C family datasheets list nine switch-selected ranges spanning 0.01 s to 999 h, microcomputer set-point tracking, 60 ms clocked reset, immunity to interruptions under 30 ms, repeat-cycle pulse 50-80 ms, 3-digit 0.3 inch high-intensity blue display, instantaneous plus delayed DPDT FormCrelays, 7 A at 120/240/24 VAC, 1/6 HP, 13 ms operate / 10 ms release, 100 million no-load operations, repeat accuracy plus or minus 0.001 percent plus or minus 0.010 s, setting accuracy plus or minus 0.01 percent plus 0.030 s. 120 VAC power: 95-132 VAC, inrush 0.3 A, running 0.06 A. Clock input 95-132 VAC, 10 mA max. Temperature 32 to 122 F (0 to 50 C). Queue model 365A300Q30PX is Automatic Timing and Controls 365A Long-Ranger, configuration 300 Q 30PX: range 0 to 9.99 / 99.9 / 999 sec, min or hr; 120 VAC 50-60 Hz; arrangement 30 on-delay with display (reset on power failure); plug-inPand standard X. ATC 365/365C family datasheets list nine switch-selected ranges spanning 0.01 s to 999 h, microcomputer set-point tracking, 60 ms clocked reset, immunity to interruptions under 30 ms, repeat-cycl



MODEL

**ATC  
365A300Q30PX**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**365A300Q30PX**

LISTING

<https://aumictechlabs.com/products/365a300q30px-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The ATC 365A 300 Q 30PX Long-Ranger Timer is a microprocessor-based computing timer engineered for industrial timing and control applications demanding precision and reliability. This digital timer delivers repeat accuracy of  $\pm 0.10$  seconds across a selectable timing range from 0.01 seconds to 999 hours, with nine available ranges covering seconds, minutes, and hours. The unit features a high-brightness vacuum fluorescent display, dual 7A DPDT relay outputs, and instantaneous cycle shortening through real-time setpoint re-computation - all within a compact 72 mm<sup>2</sup> DIN housing that consumes 40% less panel space than conventional designs.

**Technical Specifications**

**Timing Range:** 0.01 seconds to 999 hours across nine selectable ranges

**Repeat Accuracy:**  $\pm 0.10$  seconds

**Reset Characteristics:** Consistent across line voltage and power supply variations; immune to false reset from momentary power interruptions under 30 ms

**Display:** High-brightness vacuum fluorescent (VF), DIP switch selectable for time up or time down operation

**Output Relays:** Two heavy-duty 7A DPDT relays with instantaneous, interval, or delayed control - 7A at 120, 240, or 24V AC; 1/6 HP - 3A at 24V DC - 1.5A at 48V DC - 0.5A at 125V DC

**Relay life:** 100 million operations (no load)

**Operate Time:** 13 ms maximum

**Release Time:** 10 ms maximum

**Supply Voltage:** 120 VAC, 50/60 Hz

**Power Consumption:** 3A inrush at 120V AC; 0.06A running at 120V AC

**Housing:** 72 mm<sup>2</sup> DIN package; fully gasketed and O-ring sealed

**Weight:** 2.00 lbs

**Key Features**

- Microprocessor-based internal architecture for precise setpoint tracking and instantaneous time re-computation
- Built-in self-diagnostic program accessible via display for circuit verification
- High noise immunity with pulse detection and rejection
- Tamper-proof operation via removable selector knobs
- Plug-in terminal design (16 screw terminals) enabling field replacement without disturbing wiring
- Dust and water-tight sealing when panel-mounted

**Typical Applications**

Industrial process control, machinery sequencing, and timing-dependent automation requiring high repeat accuracy and compact form factor.

**Compatibility & Integration Note:** This model is manufacturer discontinued. The 365B-300-Q-30-PX is superseded by the 365C-300-Q-30-PX.

## 365A300Q30PX Characteristics / Specifications

| PARAMETER             | VALUE                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------|
| Model                 | 365A300Q30PX                                                                                   |
| Instrument Type       | Microprocessor digital computing timer                                                         |
| Family                | ATC 365 / 365C Long-Ranger                                                                     |
| Range Code            | 300, 0 to 9.99 or 99.9 or 999 SEC, MIN or HR                                                   |
| Voltage Code          | Q, 120 VAC 50-60 Hz                                                                            |
| Arrangement Code      | 30, display on-delay, reset on power failure                                                   |
| Feature Codes         | P plug-in, X standard                                                                          |
| Overall Span          | 0.01 s to 999 h, nine switch-selected ranges                                                   |
| Timing Modes          | single-cycle interval or delayed; repeat-cycle pulse 50 to 80 ms                               |
| Reset Time            | clocked 60 ms                                                                                  |
| False Reset Immunity  | momentary interruptions less than 30 ms                                                        |
| Display               | 3 digit, 0.3 inch, high-intensity blue                                                         |
| Display Modes         | DOWN and STOP, DOWN and GO, UP and STOP, UP and GO                                             |
| Load Relays           | one instantaneous and one delayed, DPDT FormCContact Rating: 7 A at 120, 240 or 24 VAC, 1/6 HP |
| Operate Time          | 13 ms maximum                                                                                  |
| Release Time          | 10 ms maximum                                                                                  |
| Relay Life            | 100 million operations no load                                                                 |
| Repeat Accuracy       | plus or minus 0.001 percent plus or minus 0.010 s of setting                                   |
| Setting Accuracy      | plus or minus 0.01 percent plus 0.030 s of setting                                             |
| Clock Input           | 95-132 VAC, 10 mA max at 120 V (terminal 15)                                                   |
| Power 1               | 95-132 VAC 50/60 Hz; inrush 0.3 A; running 0.06 A                                              |
| Operating Temperature | 32 to 122 F (0 to 50 C)                                                                        |
| Mounting              | plug-in panel; field wiring stays when the timer is replaced                                   |
| Manufacturer          | Automatic Timing and Controls (ATC Diversified)                                                |

| PARAMETER  | VALUE                                                                       |
|------------|-----------------------------------------------------------------------------|
| Literature | ATC 365/365C Long-Ranger datasheet and 365A 300 Q 30PX configuration decode |

# 365A300Q30PX Specifications

| PARAMETER                | VALUE                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------|
| Applications             | On-delay machine cycling, repeat-cycle pulsing, and panel-mount process timing from 0.01 s to 999 h. |
| Key Features             | Nine ranges 0.01 s to 999 h in one Long-Ranger                                                       |
| Technical Specifications | Model: 365A300Q30PX                                                                                  |

# General Specifications & Supplementary Characteristics

| PARAMETER             | VALUE                                                                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature | 32 to 122 F (0 to 50 C)                                                                                                                                                                                                                                                                    |
| Operating Temperature | 32 to 122 F (0 to 50 C)                                                                                                                                                                                                                                                                    |
| Mounting              | plug-in panel; field wiring stays when the timer is replaced                                                                                                                                                                                                                               |
| Manufacturer          | Automatic Timing and Controls (ATC Diversified)                                                                                                                                                                                                                                            |
| Literature            | ATC 365/365C Long-Ranger datasheet and 365A 300 Q 30PX configuration decode Notes From ATC 365/365C Long-Ranger specification sheets and the 365A300Q30PX configuration (range 300, 120 VAC Q, arrangement 30, P/X). 24 VDCNand 240 VACRpower rows are other voltage codes, not thisQunit. |

# Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

| Specifications           |                                                                  |
|--------------------------|------------------------------------------------------------------|
| Technical Specifications |                                                                  |
| PARAMETER                | VALUE                                                            |
| Model                    | 365A300Q30PX                                                     |
| Instrument Type          | Microprocessor digital computing timer                           |
| Family                   | ATC 365 / 365C Long-Ranger                                       |
| Range Code               | 300, 0 to 9.99 or 99.9 or 999 SEC, MIN or HR                     |
| Voltage Code             | Q, 120 VAC 50-60 Hz                                              |
| Arrangement Code         | 30, display on-delay, reset on power failure                     |
| Feature Codes            | P plug-in, X standard                                            |
| Overall Span             | 0.01 s to 999 h, nine switch-selected ranges                     |
| Timing Modes             | single-cycle interval or delayed; repeat-cycle pulse 50 to 80 ms |
| Reset Time               | clocked 60 ms                                                    |
| False Reset Immunity     | momentary interruptions less than 30 ms                          |
| Display                  | 3 digit, 0.3 inch, high-intensity blue                           |
| Display Modes            | DOWN and STOP, DOWN and GO, UP and STOP, UP and GO               |
| Load Relays              | one instantaneous and one delayed, DPDT Form C                   |
| Contact Rating           | 7 A at 120, 240 or 24 VAC, 1/6 HP                                |
| Operate Time             | 13 ms maximum                                                    |
| Release Time             | 10 ms maximum                                                    |
| Relay Life               | 100 million operations no load                                   |
| Repeat Accuracy          | plus or minus 0.001 percent plus or minus 0.010 s of setting     |
| Setting Accuracy         | plus or minus 0.01 percent plus 0.030 s of setting               |
| Clock Input              | 95-132 VAC, 10 mA max at 120 V (terminal 15)                     |
| Power 120                | 95-132 VAC 50/60 Hz; inrush 0.3 A; running 0.06 A                |
| Operating Temperature    | 32 to 122 F (0 to 50 C)                                          |
| Mounting                 | plug-in panel; field wiring stays when the timer is replaced     |
| Manufacturer             | Automatic Timing and Controls (ATC Diversified)                  |

| PARAMETER  | VALUE                                                                       |
|------------|-----------------------------------------------------------------------------|
| Literature | ATC 365/365C Long-Ranger datasheet and 365A 300 Q 30PX configuration decode |

### Specifications

| PARAMETER             | VALUE                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------|
| Model                 | 365A300Q30PX                                                                                   |
| Instrument Type       | Microprocessor digital computing timer                                                         |
| Family                | ATC 365 / 365C Long-Ranger                                                                     |
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| Voltage Code          | Q, 120 VAC 50-60 Hz                                                                            |
| Arrangement Code      | 30, display on-delay, reset on power failure                                                   |
| Feature Codes         | P plug-in, X standard                                                                          |
| Overall Span          | 0.01 s to 999 h, nine switch-selected ranges                                                   |
| Timing Modes          | single-cycle interval or delayed; repeat-cycle pulse 50 to 80 ms                               |
| Reset Time            | clocked 60 ms                                                                                  |
| False Reset Immunity  | momentary interruptions less than 30 ms                                                        |
| Display               | 3 digit, 0.3 inch, high-intensity blue                                                         |
| Display Modes         | DOWN and STOP, DOWN and GO, UP and STOP, UP and GO                                             |
| Load Relays           | one instantaneous and one delayed, DPDT FormCContact Rating: 7 A at 120, 240 or 24 VAC, 1/6 HP |
| Operate Time          | 13 ms maximum                                                                                  |
| Release Time          | 10 ms maximum                                                                                  |
| Relay Life            | 100 million operations no load                                                                 |
| Repeat Accuracy       | plus or minus 0.001 percent plus or minus 0.010 s of setting                                   |
| Setting Accuracy      | plus or minus 0.01 percent plus 0.030 s of setting                                             |
| Clock Input           | 95-132 VAC, 10 mA max at 120 V (terminal 15)                                                   |
| Power 120             | 95-132 VAC 50/60 Hz; inrush 0.3 A; running 0.06 A                                              |
| Operating Temperature | 32 to 122 F (0 to 50 C)                                                                        |
| Mounting              | plug-in panel; field wiring stays when the timer is replaced                                   |
| Manufacturer          | Automatic Timing and Controls (ATC Diversified)                                                |
| Literature            | ATC 365/365C Long-Ranger datasheet and 365A 300 Q 30PX configuration decode                    |

Notes  
 From ATC 365/365C Long-Ranger specification sheets and the 365A300Q30PX configuration (range 300, 120 VAC Q, arrangement 30, P/X). 24 VDC and 240 VAC power rows are other voltage codes, not this unit.



### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

788 S 500 E, Pleasant Grove, UT 84062  
[sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341  
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.