

TORK®

Tork® Electric Timers Exclusively for HVAC Wholesale

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Agenda

- Background
- Applications & Technical Concepts
- Product Line & Features
- Competition
- Sales Materials
- Contact Information
- Q&A



Applications for Electric Timers

- Business Remodel
- Business Merger
- Grocery Markets
- Small Delicatessens
- Liquor Stores
- Convenience Stores
- Irrigation Systems
- Recorded Messages
- Storage Companies
- Interior Lighting
- Electrical Motors
- HVAC Equipment
- Parking Lot Lighting
- Billboard Lighting
- Process Equipment
- Livestock Cooling Systems

Paragon[®] Cross Reference

Paragon Part Number	Tork [®] Part Number	Description
4001-00	1101	24 Hr Electromech Timer - SPST - 120V - 40 Amps - Metal Encl
4002-71	1102	24 Hr Electromech Timer - SPST - 208-277V - 40 Amps - Metal Encl
4003-00	1103	24 Hr Electromech Timer - DPST - 120V - 40 Amps - Metal Encl
4004-71	1104	24 Hr Electromech Timer - DPST - 208-277V - 40 Amps - Metal Encl
42011-00	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
42013-00	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
42013-20	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
44005-00	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
EC4000/120V	E120B	24 Hr Electronic Timer - SPDT - 120-208-277V - 40 Amps - Plastic Encl
EC4000PC/120V	E120B	24 Hr Electronic Timer - SPDT - 120-208-277V - 40 Amps - Plastic Encl
EC4004/120V	E101B	24 Hr Electronic Timer - SPST - 120-208-277V - 40 Amps - Plastic Encl
EC4004/208-277V	E101B	24 Hr Electronic Timer - SPST - 120-208-277V - 40 Amps - Plastic Encl
EC4004PC/120V-RT	E101B	24 Hr Electronic Timer - SPST - 120-208-277V - 40 Amps - Plastic Encl

Paragon® Cross Reference

Paragon Part Number	Tork® Part Number	Description
P101-00	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P101-00M	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P101-00P	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P101-00PC-RT	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P103-00	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P103-00M	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P103-00P	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P103-00PC-RT	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P104-71	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P104-71M	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P104-71P	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P104-71PC-RT	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
P104-71RT	TU40	Universal Multi-Voltage 24 Hr Electromech Timer
TRIPPERS FOR 1100 Series	P47	Extra Trippers for 1100 Series Timers

Paragon[®] Cross Reference

Paragon Item Number	Tork [®] Part Number	Description
7007-00	W200	7 Day Electromech Timer - DPST - 120V - 40 Amps - Metal Encl
7008-00	W220	7 Day Electromech Timer - DPDT - 120V - 40 Amps - Metal Encl
7008-71	W222	7 Day Electromech Timer - DPDT - 208-277V - 40 Amps - Metal Encl
EC7000PC/120V-RT	EW120B	7 Day Electronic Timer - SPDT - 120-208-277V - 40 Amps - Plastic Encl
EC7001/208-277V	EW120B	7 Day Electronic Timer - SPDT - 120-208-277V - 40 Amps - Plastic Encl

Timer Categories

- 24 Hour Timers
 - 1100 Series Electromechanical
 - TU40 Multi-voltage
 - E100B Electronic Multi-voltage

- 7 Day Timers
 - W Series Electromechanical
 - EW Series Electronic Multi-voltage



Tork® Timers



1101
1102
1103
1104
P47



TU40



E101B
E120B



W200
W220
W222
P69



EW120B

1100 Series

- 24 Hour Clock Dial
- 20 Min ON Min Setting
- 75 Min OFF Min Setting
- Manual Override
- 12 Max ON/OFF Events per day
- Switch Types SPST and DPST
- 40 AMP Rating



TU40

- Multi-Voltage Input
 - Automatic Detection
- 24 Hour Real Time Clock Face
- Minimum setting 15 Minutes
- Captive trippers
- 4 in 1 DPDT contacts
 - Include SPST, SPDT, DPST
- Load ON Red LED Indicator
- Power on Green LED Indicator
- ON/OFF/AUTO Switch



E100B Series

- Multi-Voltage Input
 - 24/120/208/240/277
- 20 ON/OFF Operations
- Manual Override
- SPST, DPST, SPDT Load Contacts
- 30A Output Contact
- 100 hour Super Capacitor Back-Up



W Series

- 7 Day Clock Dial
- 60 Min ON Minimum
- 120 Min OFF Minimum
- Manual Override
- 2 Max ON/OFF Events Per Day
- SPST, SPDT, DPST, 3PST, 4PST
- 40 Amp Rating



EW Series

- Multi-Voltage Input
 - 24/120/208/240/277
- 20 ON/OFF Operations
- 7 Day Scheduling
- Manual Override
- SPST DPST SPDT Load Contacts
- 30A Output Contact
- 100 hour SuperCapacitor Back-Up



Manufacturers of Electric Timers

- Intermatic
 - Grasslin Timers
- Tork
 - Purchased by NSi Industries
 - Distributed by Uni-Line®
- Others
 - Myriad of small players



Tork® Did You Know Available

HVACSource™

Fall 2010, Volume 27



Did you know?

Tork® Timers are now being distributed to HVAC wholesalers exclusively through Invensys Controls.

Invensys Controls is proud to offer Tork Timers for all of your time control needs. Use this handy reference to quickly choose your timer based on application and requirements.

24 Hour Timers

From the basic 1100 Series to the full-featured E100B Series, these timers provide great performance you can depend on.

The TU40 Series - is the universal model you'll need for almost any job.



Seven Day Timers

Now you can offer customers the base W Series or feature-rich EW Series. For your convenience, part order numbers are listed below.



1101	24 Hour Electromechanical Timer, SPST, 120V, 40 amps, Metal Enclosure
1102	24 Hour Electromechanical Timer, SPST, 208-277V, 40 amps, Metal Enclosure
1103	24 Hour Electromechanical Timer, DPST, 120V, 40 amps, Metal Enclosure
1104	24 Hour Electromechanical Timer, DPST, 208-277V, 40 amps, Metal Enclosure
P47	Extra Tipppers for 1100 Series Timers
TU40	Universal Multi-Voltage 24 Hour Electromechanical Timer
E101B	24 Hour Electronic Timer, SPST, 120-208-277V, 40 amps, Plastic Enclosure
E120B	24 Hour Electronic Timer, SPDT, 120-208-277V, 40 amps, Plastic Enclosure
W222	7 Day Electromechanical Timer, DPDT, 208-277V, 40 amps, Metal Enclosure
EW120B	7 Day Electronic Timer, SPDT, 120-208-277V, 40 amps, Plastic Enclosure

Tork® Sales Support

- Sell Sheets

Attention HVAC Wholesalers!
Tork Timers now available exclusively from InvenSys Controls.

ELECTROMECHANICAL CONTROLS ACCESSORIES

CAT NO	UPC CODE	DESCRIPTION
PK100	PK110	Parts Kit includes parts cabinet and 24 P47, 5 P41, 28 P49, 10 P14, 4 1/8 in motor, 2 2818 motor.
P-47	P5001	Pair Standard Screw On Type Triggers for 7100 Series (except 7100 module) and all 7300 and 1100 Series models. Does not advance the setting wheel.
K24	P5026	Kit of 24 parts of P-47 Triggers.
PF48	P5003	Pair of standard triggers for 1100 FM Series.
P-49	P5002	Special ON trigger for 7300 Series to also advance the setting wheel. Standard OFF trigger included.
P-49	P5003	Screw-On Type Triggers available ON and OFF for use on all models with 4 1/8" dia. 7 day dial (except 8400 Series). Available only in packages of 7 parts.
P-49H	P5004	ON and OFF Triggers for 8400 Series. Available only in packages of 7 parts.
P-41	P5408	ON & OFF triggers for plug-in timers - Models 401, 401, 401.
P-14	P5006	Clipping screws for mounting into typical hole of appropriate gage of dry setting wheel. Color: Black.
P-26	P5007	Selecter screws for 6800 (Double Dial) Series - Provides Same Operations Daily, Color: Copper.
8K500	P5007	for 1" round. Branding lockups for use with Royal enduses and metal conduit. Fits P10-14 AWG ground wire. 3 lockups per kit.
8K750	P5008	for 1/2" round. Branding lockups for use with Royal enduses and metal conduit. Fits P10-14 AWG ground wire. 3 lockups per kit.
64148	P5008	480/120v Step-down Transformer only for 480v power input. 7.5 VA for use with Model 7300, 8001, 8000 only.
21018	P5009	24/120V Step-up Transformer: 50VA.

Mounting Brackets for mounting unit less case. Specify model number, date of manufacture, and whether model mounts by snapping into case, or with screws.

MODEL NO: 42407 UPC CODE: 93200 All 24 hour models except 3 pole, including reserve power models	
MODEL NO: 64940 (XZ 7300) UPC CODE: 93202 24 hour 3-pole for Models 7300, 7302.	
MODEL NO: 64079 UPC CODE: 93201 for W 30RE3 7 Day Models: W100, W200, W300, W130, W230, W330.	
MODEL NO: 62153.1 UPC CODE: 93202 W 30RE3 7 Day 3-pole for Models W300, W302.	

CAT NO	UPC CODE	DESCRIPTION
73159	93500	W Dial for 1800, 200, 104746L and R controls except W400A
73273-4	93851	24 hour dial for 7100 Series
73273-5	93852	24 hour dial for 1100 Series, 1847A Series
52825-17	93853	PM Series dial for 1100PM, 1100PM
64041	93854	8001 Dial
64041-1	93855	8002 Dial
64041-2	93856	8003 Dial
64041-6	93859	8001 Dial
64041-5	93858	8021 Dial
64041-4	93857	8001 Dial
73853	93860	Wdial for 702.4
73854-1	93861	Wdial for 702.4.26
90831-17	93862	Relay for 7400 Series
74240-2	93863	White Knob for 4500 Series
74240-1	93864	Ivory Knob for 4500 Series
74240-3	93865	Black Knob for 4500 Series
59765-1	93874	Micro-switch for 8001 and 8000 units
59201-36	93875	Micro-switch for 8007 units
73192-0	93880	Aluminum plate allows ON series to step into 7 Day (W Series) Time Switch Enduses



NSI Industries, LLC • USA • Phone: 800.321.5847 • www.nsindustries.com • www.tork.com



191 E. North Avenue
Coral Springs, FL 33065 USA
Customer Service Telephone: 1.800.353.6163
Customer Service Facsimile: 1.800.470.0904
www.CustomerService@invsys.com

For Tork Technical Service
Telephone: 1.888.550.4508
Facsimile: 1.888.550.4515
Technosupport@invsys.com

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Poll Question #1

Which of the following timers are 7-day electromechanical timers?

- A. 1101 and 1104
- B. TU40
- C. E101B and E120B
- D. W222 and EW120B

Poll Question #2

Which timer is a universal multi-voltage 24-hour timer?

- A. 1101
- B. TU40
- C. W222

Contacts For Tork®

For Tork® Technical Service

Telephone 1.888.500.4598

Fax 1.888.500.4599

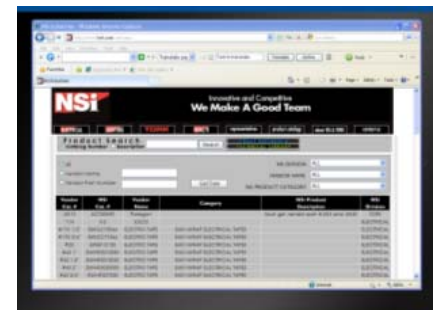
For Tork® Email

TechSupport@NsiIndustries.com

For Tork® Cross Reference

<http://www.tork.com/xref.aspx>

TORK®



Website Tools: www.Uni-Line.com

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Welcome to the Uni-Line Catalog

Access to Uni-Line® product data is easier than ever. Now you can quickly search for the information you need on HVAC, commercial refrigeration, appliance and thermostat products. Linked with literature, [cross reference guides](#) and [FAQ Knowledge Database](#), you'll see the Uni-Line difference with just a few clicks.



Product Categories

- Wall Thermostats
- Heating
- Refrigeration
- Cooking
- Laundry
- Time and Energy Controls
- Transportation
- Service Products
- Zoning

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- Customer Toolbox
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- Distributor Locator
- Publication Zone
- Contractor ID

Cross Reference

Click here for more information

When You Have Uni-Line® Questions

Telephone:

Technical Service	1-800-445-8299
Technical Service Fax	1-630-260-7294
Customer Service	1-800-304-6563
Customer Service Fax	1-800-426-0804

Websites:

Uni-Line® Catalog: www.Uni-Line.com

Cross Reference: www.uni-line.com/modules/xref/xrefsearch.aspx

General Information for:

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