

GRÄSSLIN
by Intermatic

ENERGY CONTROLS · SURGE PROTECTION



FMD Series
Electronic Time Switches
Cross Reference Guide

WEATHERPROOF · PROFESSIONAL LIGHTING · HVAC/R · POOL & SPA



FMD Series

Electronic Time Switches

Energy Controls

FM1D20 vs. Digi20 Features

PRODUCT FEATURES

- Improved aesthetic appearance
- No known programming or hardware bugs on FM1D20
- 3 pre-set programs. The user can change these programs.

Product ratings at 24, 120, & 240 Vac input

N.C. Contact:

- 16A, 277Vac resistive
- 3/8hp–120Vac
- 3/4hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

N.O. Contact:

- 16A, 277Vac resistive
- Ballast: 12A–120Vac, 8A–240Vac
- Tungsten: 1000W–240Vac, 600W–120Vac
- 1/2hp–120Vac
- 1hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

Key Differences		
Feature	New Models	Old Models
Less Buttons for programming	4 buttons	8 buttons
Easier to program	menu-led programming	button interface programming
Longer battery life	3 year non rechargeable	7 day rechargeable
Larger Display	24mm x 24mm	23mm x 16mm
Increased Output ratings	Now rated for Tungsten, HP, and Pilot Duty	Previously not rated for Tungsten, HP, and Pilot duty

FM1D20 - Electronic Time Switch



FM1D20 Cross Reference Chart

Old Model #	New Model #
FM1DIGI20-120	*FM1D20-120
GMXDIGI20-I-120	GMXFM1D20-I-120
GMXDIGI20-O-120	GMXFM1D20-O-120
DIGI20E-120	FM1D20E-120
DIGI20A-120	FM1D20A-120
FM1DIGI20-120U	FM1D20-120U
FM1DIGI20-240	*FM1D20-240
GMXDIGI20-O-240	GMXFM1D20-O-240
GMXDIGI20-I-240	GMXFM1D20-I-240
DIGI20E-240	FM1D20E-240
DIGI20A-240	FM1D20A-240
FM1DIGI20-240U	FM1D20-240U
FM1DIGI20-24	*FM1D20-24
GMXDIGI20-O-24	GMXFM1D20-O-24
GMXDIGI20-I-24	GMXFM1D20-I-24
DIGI20E-24	FM1D20E-24
DIGI20A-24	FM1D20A-24
FM1DIGI20-24U	FM1D20-24U

**Note: All FMD XX - voltage product are bulk packed in quantities of 50 for individual product, please order "U" version.*

All "E" product are for Flush mounting

All "A" product are for Surface/Din Rail mounting



FMD1D50 vs. DIGI42 Features

PRODUCT FEATURES

- Improved aesthetic appearance
- No known programming or hardware bugs
- 7 available languages: English (default), German, French, Italian, Spanish, Portuguese, Dutch, and Czech.

Product ratings at 24, 120, & 240 Vac input

N.C.Contact:

- 16A, 277Vac resistive
- 3/8hp–120Vac
- 3/4hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

N.O.Contact:

- 16A, 277Vac resistive
- Ballast: 12A–120Vac, 8A–240Vac
- Tungsten: 1000W–240Vac, 600W–120Vac
- 1/2hp–120Vac
- 1hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

Product ratings at 12 Vac/dc input

N.C.Contact:

- 16A, 277Vac resistive
- Ballast: 4A–240/120Vac
- 3/8hp–120Vac
- 3/4hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

N.O.Contact:

- 16A, 277Vac resistive
- Ballast: 12A–120Vac, 8A–240Vac
- Tungsten: 1000W–240Vac, 600W–120Vac
- 1/2hp–120Vac
- 1hp–240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

Key Differences

Feature	New Models	Old Models
Less Buttons for programming	4 buttons	10 buttons
Easier to program	menu-led programming	button interface programming
Longer battery life	3 year non rechargeable	7 day rechargeable
More set points	50 set points	42 set points
Increased Output ratings	Now rated for Tungsten, HP, and Pilot Duty	Previously not rated for Tungsten, HP, and Pilot duty

FM1D50 Cross Reference Chart

Old Model #	New Model #
FM1DIGI42-24	*FM1D50-24
DIGI42A-24	FM1D50A-24
DIGI42E-24	FM1D50E-24
GMXDIGI42-I-24	GMXFM1D50-I-24
FM1DIGI42-24U	FM1D50-24U
FM1DIGI42-120	*FM1D50-120
GMXDIGI42-I-120	GMXFM1D50-I-120
GMXDIGI42-O-120	GMXFM1D50-O-120
DIGI42A-120	FM1D50A-120
DIGI42E-120	FM1D50E-120
FM1DIGI42-120U	FM1D50-120U
FM1DIGI42-12	*FM1D50-12
GMXDIGI42-O-12	GMXFM1D50-O-12
DIGI42A-12	FM1D50A-12
GMXDIGI42-I-12	GMXFM1D50-I-12
DIGI42E-12	FM1D50E-12
FM1DIGI42-12U	FM1D50-12U
FM1DIGI42-240	*FM1D50-240
GMXDIGI42-I-240	GMXFM1D50-I-240
DIGI42A-240	FM1D50A-240
DIGI42E-240	FM1D50E-240
FM1DIGI42-240U	FM1D50-240U



FM2D50 vs. Digi42/2 Features

PRODUCT FEATURES

- Improved aesthetic appearance
- No known programming or hardware bugs
- 7 available languages: English (default), German, French, Italian, Spanish, Portuguese, Dutch, and Czech.

Product ratings at 24, 120, & 240 Vac input

N.C. & N.O. Contact:

- 16A, 277Vac resistive
- Ballast: 12A–120Vac, 8A–240Vac
- Tungsten: 1000W–240Vac, 600W–120Vac
- 1/2hp, 120Vac
- 1hp, 240Vac
- Pilot Duty: 720VA–240Vac, 360VA–120Vac

Key Differences

Feature	New Models	Old Models
Less Buttons for programming	4 buttons	10 buttons
Easier to program	menu-led programming	button interface programming
Longer battery life	3 year non rechargeable	7 day rechargeable
More set points	50 set points	42 set points
Increased Output ratings	Now rated for Tungsten, HP, and Pilot Duty	Previously not rated for Tungsten, HP, and Pilot duty

FM2D50 Cross Reference Chart

Old Model #	New Model #
DIGI42/2-120	*FM2D50-120
GMX2DIGI42I-120	GMX2FM2D50I-120
GMX2DIGI420-120	GMX2FM2D500-120
DIGI42/2-240	*FM2D50-240
GMX2DIGI42I-240	GMX2FM2D50I-240
DIGI42/2-24	*FM2D50-24
GMX2DIGI42I-24	GMX2FM2D50I-24



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