FLUORESCENT FIXTURE BRACKET KITS

RETROFIT CONVERSION KITS FOR STRIP-LIGHT FIXTURES



Convert older 4-foot and 8-foot T8 or T12 strip light fixtures using magnetic ballast into energy efficient T5 or T8 luminaires. Each kit includes T5 or T8 Bi-Pin Lamp Sockets, RetroFit Bracket Socket Plates, and Self-Tapping Screws.

BENEFITS FOR THE FACILITY OWNER AND FACILITY MANAGER

- Complies with UL Standard 1598B.
- When you convert your old light fixtures with a simple upgrade to T5 or T8 luminaires using EPCO's RetroFit Conversion Kit you will realize energy savings up to 40% and your ROI can be as short as 15 months.
- Your original light fixture housing is reused. This reduces the retrofit conversion time at half the cost and half the time compared to the installation of a new fixture.
- The installer only needs to complete ballast lead terminations to finish the retrofit installation.
- Improved lumen performance.
- Simplifies your lamp inventory to one lamp type and color temperature.

CONTRACTOR BENEFITS

- Labor savings! The combination of high efficiency ballast, T5 or T8 lamps, and the low cost of EPCO's Fixture Bracket RetroFit Conversion Kits is a fast and easy installation.
- Requires minimal rewiring.
- Minimal recycling on the jobsite.
- Viable retrofit opportunities in commercial, industrial, and institutional buildings that have not converted to the energy efficient T5 or T8 lighting systems.

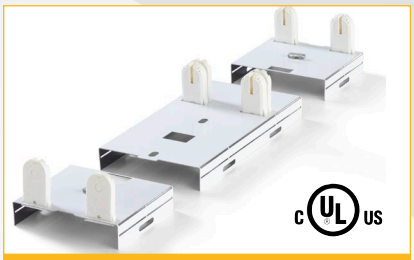
CONVERT TO T8 FLUORESCENT LAMPS

T12 or T8 fluorescent lamps that historically ran on magnetic ballast for general indoor lighting are becoming extremely difficult, if not impossible to buy.

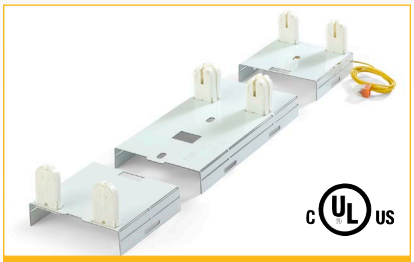
Upgrade to a very affordable lighting system, using:

- EPCO's Fixture Bracket RetroFit Conversion Kits
- T8 Fluorescent lamps
- Energy efficient electronic ballast

This combination of components consumes 40% less energy than older lighting systems. The result is improved lumen output, color characteristics, and efficacy compared to older magnetic-type lighting systems using T12 and T8 fluorescent lamps.



8-FT T8 RETROFIT KIT



8-FT T8 RETROFIT KIT, PRE-WIRED



4-FT T8 RETROFIT KIT

TYPICAL APPLICATIONS:

- Commercial Buildings
- Strip Malls and Shopping Centers
- Residential Multi-Dwellings Buildings
- Schools and Recreation Areas
- Industrial Buildings
- Factories
- Warehouses and Storage Buildings
- Airport, Train, Bus Terminals, and other transportation
- Outdoor Signage Backlighting
- Lightboxes
- Other applications where retrofitting existing systems will provide energy savings and improved higher lumen output

LIGHTING PRODUCTS

www.engproducts.com
5401 SMETANA DRIVE | MINNETONKA, MN 55343
P 800.336.1976 | F 800.336.2801
Specifications subject to change without prior notice.

ENGINEERED PRODUCTS CO.

FLUORESCENT FIXTURE BRACKET KITS

T8 FLUORESCENT FIXTURE BRACKET KIT PART NUMBERS

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
T8 Fluorescent Fixture Bracket RetroFit Conversion Kits (From T12 Fluorescent Lamps)										
14050	14050	**8-FT Fixture Bracket Kit:** Uses four (4) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14050B	14052	**8-FT Fixture Bracket Kit (BULK):** Uses four (4) T8 Fluorescent Lamps	EA	1	BN	20	20	20	Yes	23
14051	14051	**8-FT Fixture Bracket Kit - Pre-Wired:** Uses four (4) T8 Flourescent Lamps; Includes 4-FT Supply Line Jumper with WAGO®Connector	EA	1	BG	10	10	10	Yes	12
14051B	14053	**8-FT Fixture Bracket Kit - Pre-Wired (BULK):** Uses four (4) T8 Fluorescent Lamps; Includes 4-FT Supply Line Jumper with WAGO® Connector	EA	1	BN	20	20	20	Yes	24
14055	14055	**8-FT Fixture Bracket Kit:** Uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14056	14056	**8-FT Fixture Bracket Kit - Pre-Wired:** Uses two (2) T8 Fluorescent Lamps; Includes 4-FT Supply Line Jumper with WAGO® Connector	EA	1	BG	10	10	10	Yes	11
14057	14057	**4-FT Fixture Bracket Kit:** Uses one (1) T8 Fluorescent Lamp	EA	1	BG	10	10	10	Yes	6
14090	14090	**4-FT Fixture Bracket Kit:** Uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6

T5 FLUORESCENT FIXTURE BRACKET KIT PART NUMBERS

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
T5 Fluorescent Fixture Bracket RetroFit Conversion Kits (From T8 or T12 Fluorescent Lamps)										
14060	14060	**8-FT Fixture Bracket Kit:** Uses four (4) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14065	14065	**8-FT Fixture Bracket Kit:** Uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14066	14066	**4-FT Fixture Bracket Kit:** Uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6
14067	14067	**4-FT Fixture Bracket Kit:** Uses one (1) T5 Fluorescent Lamp	EA	1	BG	10	10	10	Yes	6

***Notes:* 1.** *Part Numbers 14050, 14050B, 14051, 14051B, 14055, 14056, 14057 and 14090 require an Instant Start or Programmed Start Ballast.*
2. *Part Numbers 14050B and 14051B must be ordered in quantities of twenty (20).*
3. *Part Numbers 14060, 14065, 14066 and 14067 require a Programmed Start Ballast.*

UNITS OF MEASURE KEY
Order Unit: The Unit to be ordered; **Order Qty:** Number of pieces in each Unit; **Unit Pkg:** Packaging types - BG (Bag), BX (Box), BRL (Barrel); **Units/Case:** Unit packages contained in the Case; **TL Case Qty:** The total number of items in each Master Case; **Min Order Qty:** The smallest Unit that can be ordered; **MM Req:** Must order multiples of the Unit in the stated quantities; **Ship Wt (Lbs):** Total weight of the units per Carton

Specifications subject to change without prior notice.

WIRING COMPARTMENT/BALLAST COVERS AND REFLECTORS

- Tool-less installation. Quickly and easily attaches to the Retrofit Conversion Kit Bracket using 1/4 Turn Retainer Clips.
- Complies with the majority of utility rebate requirements.
- Optimizes light output and helps to reduce energy consumption.
- Wiring Compartment/Ballast Cover (Steel) — P/N 14080: White, Reflectance 92%.
- Nominal Length: 4-Feet.
- Aluminum Reflectors — Improves the usable light.
  — P/Ns 14091 (6-inch) and 14095 (10-inch): White, Reflectance 92%.
  — P/Ns 14092 (6-inch) and 14096 (10-inch): Specular, Reflectance 96%.

P/N 14080: Wiring Compartment/Ballast Cover



P/Ns 14091 and 14095: White Reflector

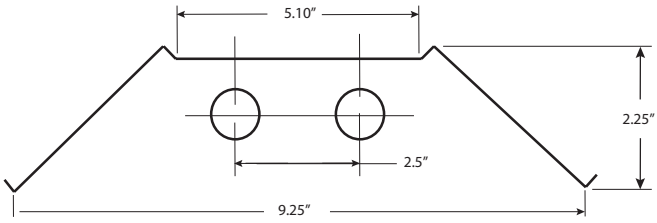


P/Ns 14092 and 14096: Specular Reflector

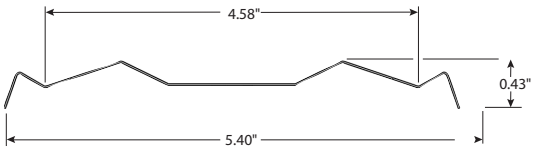


P/N 14085: 1/4 Turn Retainer Clips





10-inch Reflector



6-inch Reflector

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Fixture Bracket RetroFit Conversion Kit Accessories										
14080	14080	**Wiring Compartment/Ballast Cover:** 4-FT - White; Includes five 1/4 Turn Retainer Clips for 4.25″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	27
14085	14085	**1/4 Turn Retainer Clips:** for Ballast Cover and Reflectors	EA	1	BG	42	42	42	Yes	1
14091	14091	**6-Inch White Reflector:** Nominal Width 5.40″, with 1/4 Turn Turn Retainer Clips, for 4.58″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	14
14092	14092	**6-Inch Specular Reflector:** Nominal Width 5.40″, with 1/4 Turn Turn Retainer Clips, for 4.58″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	14
14095	14095	**10-Inch White Reflector:** Nominal Width 9.25″, with 1/4 Turn Turn Retainer Clips, for 5.10″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	16
14096	14096	**10-Inch Specular Reflector:** Nominal Width 9.25″, with 1/4 Turn Turn Retainer Clips, for 5.10″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	16

UNITS OF MEASURE KEY
Order Unit: The Unit to be ordered; **Order Qty:** Number of pieces in each Unit; **Unit Pkg:** Packaging types - BG (Bag), BX (Box), BRL (Barrel); **Units/Case:** Unit packages contained in the Case; **TL Case Qty:** The total number of items in each Master Case; **Min Order Qty:** The smallest Unit that can be ordered; **MM Req:** Must order multiples of the Unit in the stated quantities; **Ship Wt (Lbs):** Total weight of the units per Carton

Specifications subject to change without prior notice.

PRODUCT WARRANTY

Unless otherwise noted, Engineered Products Company (herein known as EPCO) warrants that the products described herein, will be furnished free from defects in material and workmanship for one (1) year. Any exceptions to this Warranty Statement will be detailed within the respective warranty section in this product catalog, noted on the product itself, or the product packaging.

EPCO's sole obligation for any breach of warranty under the terms herein shall be, at our option, to repair or provide replacement for the Product to which such warranty is breached, or to return all payments made with respect to such product. Any product(s) that are deemed to be defective must be specified by the Purchaser in a written notice to EPCO's Warranty Department within one (1) year after receipt of such goods. Under no circumstances will EPCO be liable for loss of profits or incidental, indirect, consequential or special damages of any kind beyond the replacement cost of the defective merchandise.

EPCO shall not be liable for any losses arising from governmental action, an act of God, or the result of war, riot, strikes, civil commotion, sovereign conduct, or the act or conduct of any person or persons not party to or associated with EPCO.

Distributed By:

E02-073-001 D1 (05/18-BB)
©2018 Engineered Products Company. All Rights Reserved.
WAGO® is a registered trademark of WAGO Corporation.

www.engproducts.com
5401 SMETANA DRIVE | MINNETONKA, MN 55343
P 800.336.1976 | F 800.336.2801
Specifications subject to change without prior notice.

ENGINEERED PRODUCTS CO.

FLUORESCENT FIXTURE BRACKET KITS

RETROFIT CONVERSION KITS FOR STRIP-LIGHT FIXTURES



Convert older 4-foot and 8-foot T8 or T12 strip light fixtures using magnetic ballast into energy efficient T5 or T8 luminaires. Each kit includes T5 or T8 Bi-Pin Lamp Sockets, RetroFit Bracket Socket Plates, and Self-Tapping Screws.

BENEFITS FOR THE FACILITY OWNER AND FACILITY MANAGER

- Complies with UL Standard 1598B.
- When you convert your old light fixtures with a simple upgrade to T5 or T8 luminaires using EPCO's RetroFit Conversion Kit you will realize energy savings up to 40% and your ROI can be as short as 15 months.
- Your original light fixture housing is reused. This reduces the retrofit conversion time at half the cost and half the time compared to the installation of a new fixture.
- The installer only needs to complete ballast lead terminations to finish the retrofit installation.
- Improved lumen performance.
- Simplifies your lamp inventory to one lamp type and color temperature.

CONTRACTOR BENEFITS

- Labor savings! The combination of high efficiency ballast, T5 or T8 lamps, and the low cost of EPCO's Fixture Bracket RetroFit Conversion Kits is a fast and easy installation.
- Requires minimal rewiring.
- Minimal recycling on the jobsite.
- Viable retrofit opportunities in commercial, industrial, and institutional buildings that have not converted to the energy efficient T5 or T8 lighting systems.

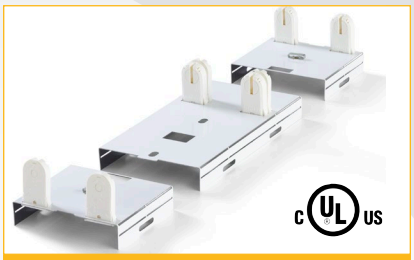
CONVERT TO T8 FLUORESCENT LAMPS

T12 or T8 fluorescent lamps that historically ran on magnetic ballast for general indoor lighting are becoming extremely difficult, if not impossible to buy.

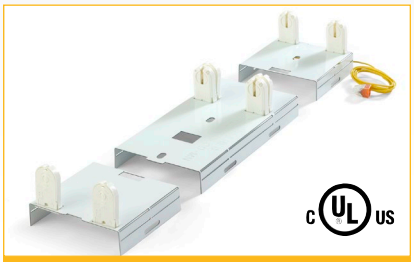
Upgrade to a very affordable lighting system, using:

- EPCO's Fixture Bracket RetroFit Conversion Kits
- T8 Fluorescent lamps
- Energy efficient electronic ballast

This combination of components consumes 40% less energy than older lighting systems. The result is improved lumen output, color characteristics, and efficacy compared to older magnetic-type lighting systems using T12 and T8 fluorescent lamps.



8-FT T8 RETROFIT KIT



8-FT T8 RETROFIT KIT, PRE-WIRED



4-FT T8 RETROFIT KIT

TYPICAL APPLICATIONS:

- Commercial Buildings
- Strip Malls and Shopping Centers
- Residential Multi-Dwellings Buildings
- Schools and Recreation Areas
- Industrial Buildings
- Factories
- Warehouses and Storage Buildings
- Airport, Train, Bus Terminals, and other transportation
- Outdoor Signage Backlighting
- Lightboxes
- Other applications where retrofitting existing systems will provide energy savings and improved higher lumen output

LIGHTING PRODUCTS

www.engproducts.com
5401 SMETANA DRIVE | MINNETONKA, MN 55343
P 800.336.1976 | F 800.336.2801
Specifications subject to change without prior notice.

ENGINEERED PRODUCTS CO.

FLUORESCENT FIXTURE BRACKET KITS

T8 FLUORESCENT FIXTURE BRACKET KIT PART NUMBERS

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
T8 Fluorescent Fixture Bracket RetroFit Conversion Kits (From T12 Fluorescent Lamps)										
14050	14050	**8-FT Fixture Bracket Kit:** Uses four (4) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14050B	14052	**8-FT Fixture Bracket Kit (BULK):** Uses four (4) T8 Fluorescent Lamps	EA	1	BN	20	20	20	Yes	23
14051	14051	**8-FT Fixture Bracket Kit - Pre-Wired:** Uses four (4) T8 Flourescent Lamps; Includes 4-FT Supply Line Jumper with WAGO®Connector	EA	1	BG	10	10	10	Yes	12
14051B	14053	**8-FT Fixture Bracket Kit - Pre-Wired (BULK):** Uses four (4) T8 Fluorescent Lamps; Includes 4-FT Supply Line Jumper with WAGO® Connector	EA	1	BN	20	20	20	Yes	24
14055	14055	**8-FT Fixture Bracket Kit:** Uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14056	14056	**8-FT Fixture Bracket Kit - Pre-Wired:** Uses two (2) T8 Fluorescent Lamps; Includes 4-FT Supply Line Jumper with WAGO® Connector	EA	1	BG	10	10	10	Yes	11
14057	14057	**4-FT Fixture Bracket Kit:** Uses one (1) T8 Fluorescent Lamp	EA	1	BG	10	10	10	Yes	6
14090	14090	**4-FT Fixture Bracket Kit:** Uses two (2) T8 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6

T5 FLUORESCENT FIXTURE BRACKET KIT PART NUMBERS

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
T5 Fluorescent Fixture Bracket RetroFit Conversion Kits (From T8 or T12 Fluorescent Lamps)										
14060	14060	**8-FT Fixture Bracket Kit:** Uses four (4) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14065	14065	**8-FT Fixture Bracket Kit:** Uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	11
14066	14066	**4-FT Fixture Bracket Kit:** Uses two (2) T5 Fluorescent Lamps	EA	1	BG	10	10	10	Yes	6
14067	14067	**4-FT Fixture Bracket Kit:** Uses one (1) T5 Fluorescent Lamp	EA	1	BG	10	10	10	Yes	6

***Notes:* 1.** *Part Numbers 14050, 14050B, 14051, 14051B, 14055, 14056, 14057 and 14090 require an Instant Start or Programmed Start Ballast.*
2. *Part Numbers 14050B and 14051B must be ordered in quantities of twenty (20).*
3. *Part Numbers 14060, 14065, 14066 and 14067 require a Programmed Start Ballast.*

UNITS OF MEASURE KEY
Order Unit: The Unit to be ordered; **Order Qty:** Number of pieces in each Unit; **Unit Pkg:** Packaging types - BG (Bag), BX (Box), BRL (Barrel); **Units/Case:** Unit packages contained in the Case; **TL Case Qty:** The total number of items in each Master Case; **Min Order Qty:** The smallest Unit that can be ordered; **MM Req:** Must order multiples of the Unit in the stated quantities; **Ship Wt (Lbs):** Total weight of the units per Carton

Specifications subject to change without prior notice.

WIRING COMPARTMENT/BALLAST COVERS AND REFLECTORS

- Tool-less installation. Quickly and easily attaches to the Retrofit Conversion Kit Bracket using 1/4 Turn Retainer Clips.
- Complies with the majority of utility rebate requirements.
- Optimizes light output and helps to reduce energy consumption.
- Wiring Compartment/Ballast Cover (Steel) — P/N 14080: White, Reflectance 92%.
- Nominal Length: 4-Feet.
- Aluminum Reflectors — Improves the usable light.
  — P/Ns 14091 (6-inch) and 14095 (10-inch): White, Reflectance 92%.
  — P/Ns 14092 (6-inch) and 14096 (10-inch): Specular, Reflectance 96%.

P/N 14080: Wiring Compartment/Ballast Cover



P/Ns 14091 and 14095: White Reflector

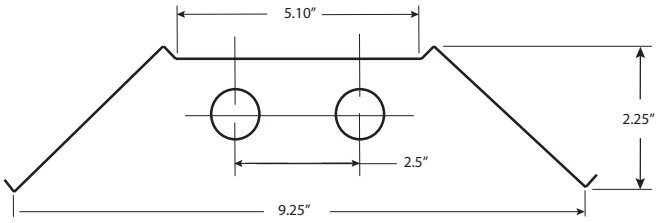


P/Ns 14092 and 14096: Specular Reflector

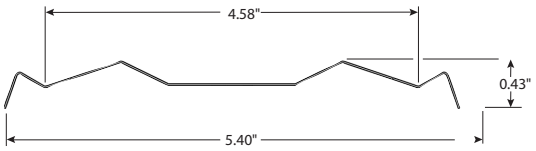


P/N 14085: 1/4 Turn Retainer Clips





10-inch Reflector



6-inch Reflector

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Fixture Bracket RetroFit Conversion Kit Accessories										
14080	14080	**Wiring Compartment/Ballast Cover:** 4-FT - White; Includes five 1/4 Turn Retainer Clips for 4.25″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	27
14085	14085	**1/4 Turn Retainer Clips:** for Ballast Cover and Reflectors	EA	1	BG	42	42	42	Yes	1
14091	14091	**6-Inch White Reflector:** Nominal Width 5.40″, with 1/4 Turn Turn Retainer Clips, for 4.58″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	14
14092	14092	**6-Inch Specular Reflector:** Nominal Width 5.40″, with 1/4 Turn Turn Retainer Clips, for 4.58″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	14
14095	14095	**10-Inch White Reflector:** Nominal Width 9.25″, with 1/4 Turn Turn Retainer Clips, for 5.10″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	16
14096	14096	**10-Inch Specular Reflector:** Nominal Width 9.25″, with 1/4 Turn Turn Retainer Clips, for 5.10″ Wide Fixture Housing ONLY	EA	1	BX	20	20	20	Yes	16

UNITS OF MEASURE KEY
Order Unit: The Unit to be ordered; **Order Qty:** Number of pieces in each Unit; **Unit Pkg:** Packaging types - BG (Bag), BX (Box), BRL (Barrel); **Units/Case:** Unit packages contained in the Case; **TL Case Qty:** The total number of items in each Master Case; **Min Order Qty:** The smallest Unit that can be ordered; **MM Req:** Must order multiples of the Unit in the stated quantities; **Ship Wt (Lbs):** Total weight of the units per Carton

Specifications subject to change without prior notice.

PRODUCT WARRANTY

Unless otherwise noted, Engineered Products Company (herein known as EPCO) warrants that the products described herein, will be furnished free from defects in material and workmanship for one (1) year. Any exceptions to this Warranty Statement will be detailed within the respective warranty section in this product catalog, noted on the product itself, or the product packaging.

EPCO's sole obligation for any breach of warranty under the terms herein shall be, at our option, to repair or provide replacement for the Product to which such warranty is breached, or to return all payments made with respect to such product. Any product(s) that are deemed to be defective must be specified by the Purchaser in a written notice to EPCO's Warranty Department within one (1) year after receipt of such goods. Under no circumstances will EPCO be liable for loss of profits or incidental, indirect, consequential or special damages of any kind beyond the replacement cost of the defective merchandise.

EPCO shall not be liable for any losses arising from governmental action, an act of God, or the result of war, riot, strikes, civil commotion, sovereign conduct, or the act or conduct of any person or persons not party to or associated with EPCO.

Distributed By:

E02-073-001 D1 (05/18-BB)
©2018 Engineered Products Company. All Rights Reserved.
WAGO® is a registered trademark of WAGO Corporation.

www.engproducts.com
5401 SMETANA DRIVE | MINNETONKA, MN 55343
P 800.336.1976 | F 800.336.2801
Specifications subject to change without prior notice.

ENGINEERED PRODUCTS CO.