



UniFLEX™ 45 Series Universal Strikes



US Patent: 7,540,542

Part 1 GENERAL

1.1 SECTION INCLUDES

A. Application:

The IDC UniFLEX™ 45 Series electric strike is designed for use with locksets with up to $\frac{3}{4}$ " latch bolts. The quality construction makes the 45 Series ideal for high traffic applications. The compact low profile design enables quick and easy installation where jamb space is limited.

B. Features:

1. For 5/8" latch or $\frac{3}{4}$ " latch with 1/8" door gap
2. Latch position status standard
3. Keeper closed & deadlocked/unlocked status standard
4. Field selectable failsecure – failsafe
5. Field selectable voltage 12/24V AC/DC
6. $\frac{1}{4}$ " Horizontal alignment adjustment
7. Low profile, 1-3/16" deep
8. Plug-in wire connectors
9. Mounting tabs
10. Non-handed
11. All stainless steel parts with durable die cast body for corrosion resistance
12. Fewer moving parts for maximum life
13. Stainless steel standard with square corner faceplate
14. Aluminum standard with radius corner faceplate
15. Several models to choose from, see catalog pages for details

C. Specifications:

1. Dual Voltage Coil: 280/140mA @ 12/24V DC
170/85mA @ 12/24V AC
2. Latch Position Status (std): SPDT, Dry 3Amp @ 30V

3. Keeper Closed & Locked Status (std): SPDT, Dry 3Amp @ 30V
4. Keeper Open/Closed Status (optional): SPDT, Dry 3Amp @ 30V

1.2 PERFORMANCE SPECIFICATIONS

- A. ANSI/BHMA A156.31 Grade 2 strength and operational requirements
- B. UL/c Listed

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 1. Preparation instructions and recommendations
 2. Storage and handling requirements and recommendations
 3. Installation methods
- B. Shop Drawing: Manufacturer's approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: UniFLEX™ 45 Series Universal Application Strikes will be provided by a single manufacturer with over 30 years of experience in door closers

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

1.6 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

1.7 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Warranty against manufacturing defects. The duration of this warranty is 5 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep):

1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

PART 3 EXECUTIONS

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions

3.4 PROTECTION

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

END OF SECTION