

ANSI Grade 1
Specialty Hardware

HL Series

Push/Pull Trim



Klacc*i*®
life unlocked.

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Introduction

Open your doors, hands free.

In certain applications, such as hospital rooms, hand contact with door handles is not an option, therefore turning doors into obstacles when making an ingress or egress. Klacchi has developed the perfect solution for this kind of situations.

The Pull/Push Trim offers an alternative yet convenient way to open doors. Its paddle-shaped handle is designed in such a way to eliminate the need for holding on the door handle to make it open. Simply push or pull with any part of your body and see how easy it is to open a door without your hands.

Features

Easy installation.

Through-bolts add stability.

UL fire rated.

Covers are made of stainless steel or brass.

Paddles are made of zinc alloy.

Can be applied on Cylindrical locks, Mortise locks or Exit Devices.





HL200 Push/Pull Trim



- Field reversible; mounting position can be adjusted according to distinctive needs.
- Conforms to ANSI/BHMA A156.2 Grade 2 Operational and Security.
- UL Listed for 3-Hour fire rating.
- Latch lengths of 2-3/8" (60 mm), 2-3/4" (70 mm) and 5" (127 mm) available.
- Suitable for door thickness ranges between 1-3/8" (35 mm) ~ 2" (50.8 mm) without changing or adding additional mounting screws.

Specifications

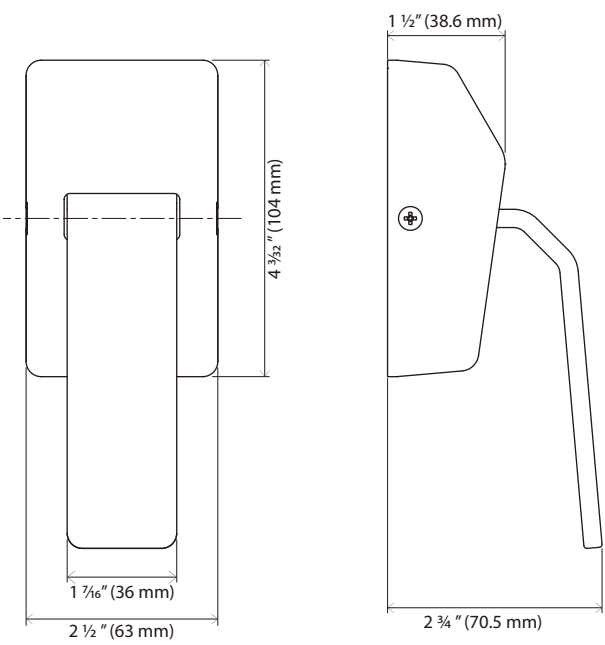
Certification/Compliance	<ul style="list-style-type: none"> • ANSI/BHMA A156.2 Grade 2 operational and security. • UL Listed for 3-Hour fire rating.
Backset	<ul style="list-style-type: none"> • 2-3/8" (60 mm), 2-3/4" (70 mm), 5" (127 mm).
Door Range	<ul style="list-style-type: none"> • 1-3/8" (35 mm) ~ 2" (50.8 mm).
Strikes	<ul style="list-style-type: none"> • Standard Strike (#B27 1.5 mm). • ANSI Strike available (#D27).
Latch Face	<ul style="list-style-type: none"> • Faceplates width 1" or 1-1/8"
Handing	<ul style="list-style-type: none"> • Non-handed.
Spindles	<ul style="list-style-type: none"> • Breakable to prevent the lock case from unlocking or being damaged.
Finishes	<ul style="list-style-type: none"> • 605, 606, 611, 612, 613, 625, 626, 630.



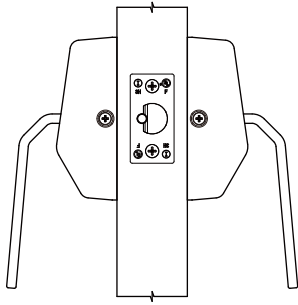


Dimensions

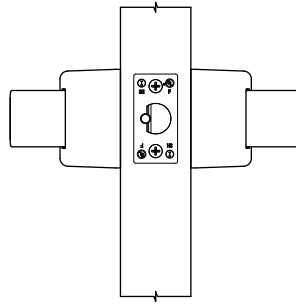
Pull Trim



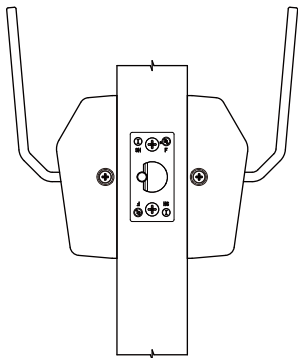
Mounting Positions



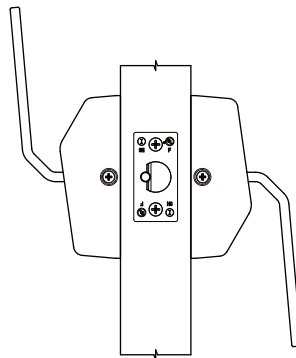
Paddles Down



Horizontal
(either Push/Pull)



Paddles Up



Paddle Up/Down
(either Push/Pull)

Strikes



D27

ANSI Strike

4-7/8" × 1-1/4" (123.8 mm × 31.8 mm)

Lip length 1-3/16" (30.2 mm)



B27

T-Strike

2-3/4" × 1-1/8" (70 mm × 28.6 mm)

Lip length 1-1/8" (28.6 mm)

HL400 Pull Trim

For use with Exit Devices



- For application with existing Klaczi 1400/F1400 Mortise Lock Exit Devices.
- Conforms to ANSI/BHMA A156.3 Grade 1.
- UL Listed for 3-Hour fire rating.
- Ease of installation. Perfect door prep with same mounting screw hole positions that match those of the mortise lock case.
- Pull trim available only.
- HL400 is handed - specify when ordering.

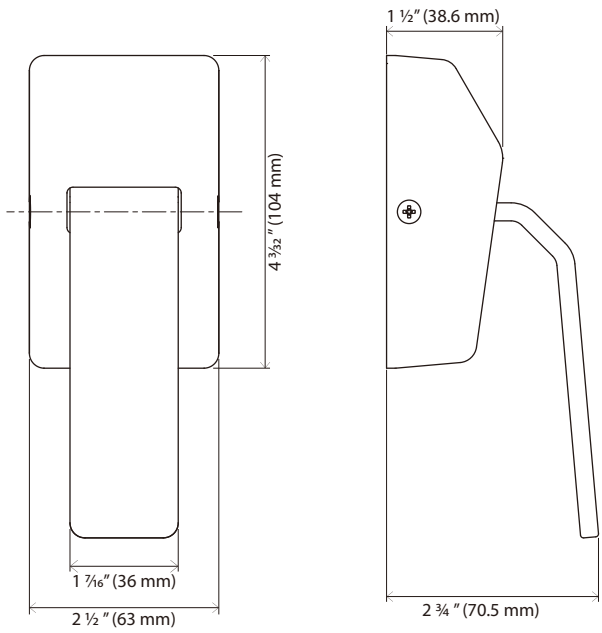
Specifications

Certification/Compliance	<ul style="list-style-type: none">• ANSI/BHMA A156.13 Grade 1.• UL Listed for 3-Hour fire rating.
Backset	<ul style="list-style-type: none">• 2-3/4" (70 mm) (used with 1400/F1400 Mortise Lock Exit Device).
Door Range	<ul style="list-style-type: none">• 1-3/4" (45 mm)~2-1/4" (57 mm).
Handing	<ul style="list-style-type: none">• Specify handing when ordering.
Spindle	<ul style="list-style-type: none">• Breakable to prevent the lock case from unlocking or being damaged.
Finishes	<ul style="list-style-type: none">• 605, 606, 611, 612, 613, 625, 626, 630.

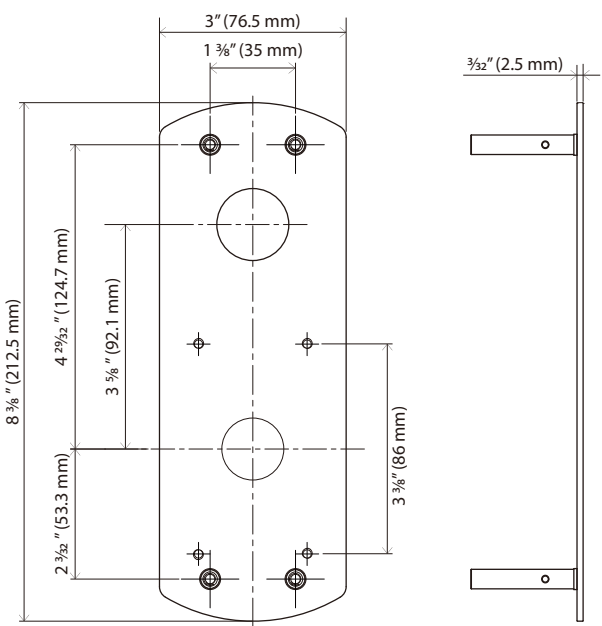


Dimensions

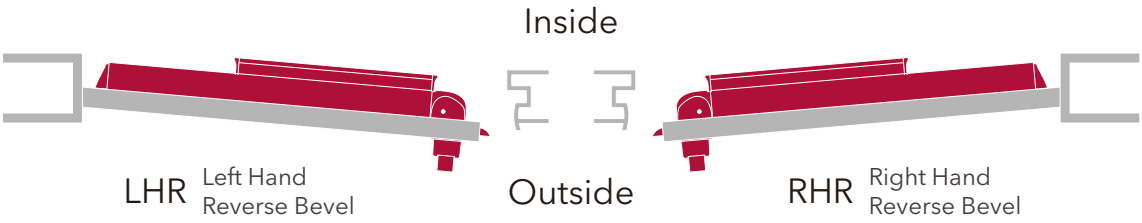
Pull Trim



Escutcheon Plate



Handing of doors



HL400 is handed - specify when ordering.

Functions

Function Code Number	Paddle orientation	Mortise Cylinder	Description
HL408-LHR	DOWN	Standard 1-1/8" I/C 1-3/8"	Key Locks Unlocks Latchbolt
HL414-LHR	DOWN	N/A	Paddle Always Operable
HL414-LHR	UP	N/A	Paddle Always Operable
HL408-RHR	DOWN	Standard 1-1/8" I/C 1-3/8"	Key Locks Unlocks Latchbolt
HL414-RHR	DOWN	N/A	Paddle Always Operable
HL414-RHR	UP	N/A	Paddle Always Operable

HL9000 Push/Pull Trim

For use with Mortise Locks



- For application on Mortise Escutcheon and Mortise Sectional Locks.
- Conforms to ANSI/BHMA A156.13 Grade 1.
- UL Listed for 3-Hour fire rating.
- Ease of installation. Perfect door prep with same mounting screw hole positions that match those of the mortise lock case.
- Wide range of functions available to choose from.
- Narrow and wide Escutcheon plate sizes plate available, conforms to ANSI A115.1.

Specifications

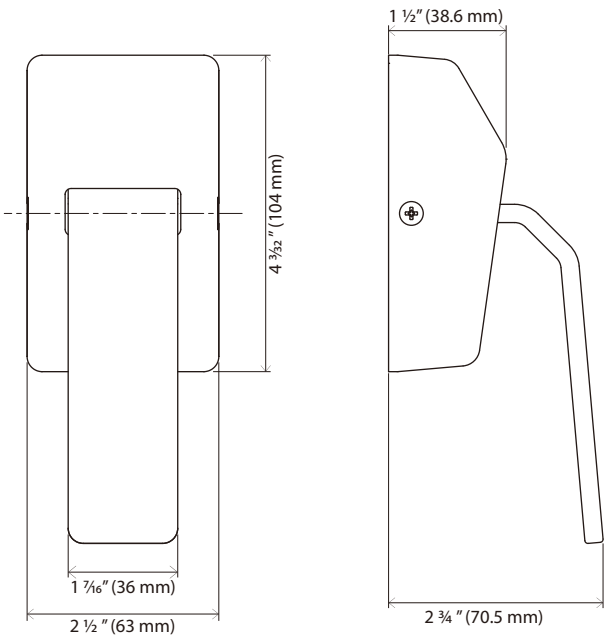
Certification/Compliance	<ul style="list-style-type: none"> • ANSI/BHMA A156.13 Grade 1. • UL Listed for 3-Hour fire rating.
Doors & Preparations	<ul style="list-style-type: none"> • Conforms to ANSI A115.1.
Backset	<ul style="list-style-type: none"> • 2-3/4" (70 mm) (used with M Series Mortise Locks).
Door Range	<ul style="list-style-type: none"> • 1-3/4" (45 mm)~2-1/2" (64 mm).
Trim Handing	<ul style="list-style-type: none"> • Non-handed.
Case Handing	<ul style="list-style-type: none"> • Field reversible without removing case.
Spindle	<ul style="list-style-type: none"> • Breakable to prevent the lock case from unlocking or being damaged.
Spacing	<ul style="list-style-type: none"> • 3-5/8" (92 mm) center cylinder to spindle. 2-2/16" (62 mm) center thumbturn to spindle.
Deadbolt	<ul style="list-style-type: none"> • 1" (25 mm) throw, stainless steel.
Latchbolt	<ul style="list-style-type: none"> • 3/4" (19 mm) throw, with anti-friction tongue, all stainless steel.
Case Size	<ul style="list-style-type: none"> • 4-5/15" x 6" x 1" (110 mm x 152 mm x 25 mm).
Finishes	<ul style="list-style-type: none"> • 605, 606, 611, 612, 613, 625, 626, 630.



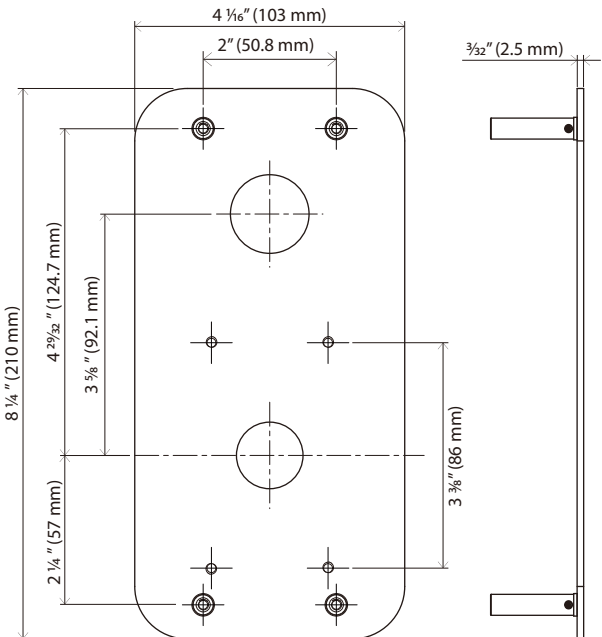


Dimensions


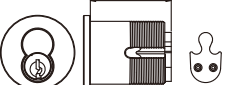
Push/Pull Trim



Escutcheon Plate



Cylinder

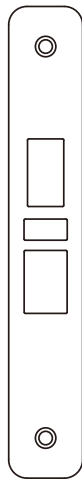
Illustration	Face	Length						
		1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	1-3/4"	1-7/8"
	Full-face Standard	441-102	441-103	441-104	441-105	441-106	441-107	441-108
	Full-face I/C Core	N/A	442-601	442-701	442-702	N/A	N/A	N/A

Armor Front (Faceplates)

Made of brass, bronze or stainless steel, available with square corner or 1/4" radius corner. Complete unit of armor front supplied with screws. Ordering info for ordering the armor front separately are listed below.



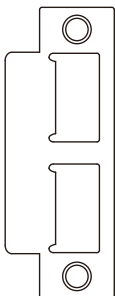
Square
Corner



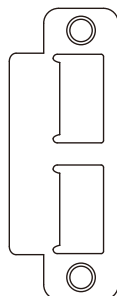
1/4" Radius
Corner

Square Corner		1/4" Radius Corner		Description
1-1/4" (32mm) width	1-1/16" (27mm) width	1-1/4" (32mm) width	1-1/16" (27mm) width	
528-711	528-731	528-721	528-741	Latch × Aux. Latch × Deadbolt
528-712	528-732	528-722	528-742	Latch × Aux. Latch
528-713	528-733	528-723	528-743	Latch × Deadbolt
528-714	528-734	528-724	528-744	Latch
528-715	528-735	528-725	528-745	Blank
528-716	528-736	528-726	528-746	Deadbolt

Strikes



Square Corner
527-611



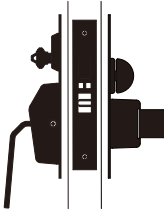
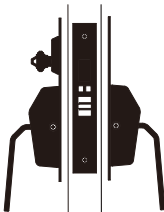
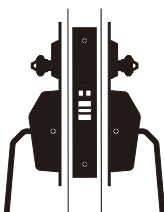

1/4" Radius Corner
527-631

Non-handed, made of brass, bronze or stainless steel.
Available with square corner or 1/4" radius corner.

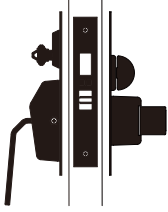
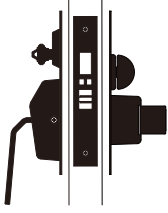

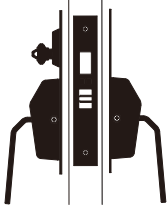
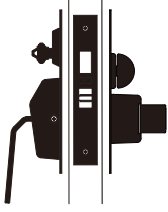

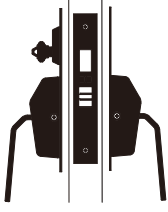
Complete strike unit supplied with strike box and screws.
Custom lip lengths at 1/8" (3mm) increments available.

Functions

Keyed Locks

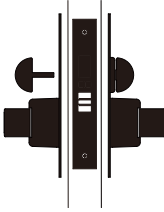
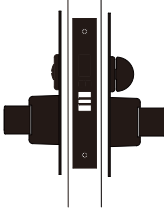
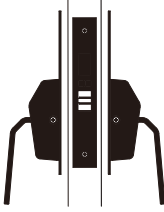
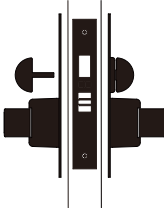
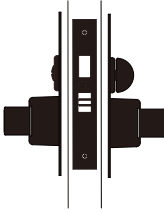
Function Code Number		Description	ANSI/BHMA
Without deadbolt			
HL9000		Office and inner Entry Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is made inoperative by key outside or inside thumbturn. When locked, latchbolt retracted by key outside or paddle inside. Outside paddle remains locked until thumbturn is returned to its unlocked position or unlocked by key. Inside paddle always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. 	F04
HL9003		Classroom Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by key. Unlocked from outside by key. Inside paddle always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. 	F05
HL9006		Apartment Entrance Lock* <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by key from inside. When locked, latchbolt retracted by key outside or paddle inside. Inside paddle always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. 	F09
HL9013		Classroom Security Lock* <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by key from either side. When locked, latchbolt retracted by key outside or paddle inside. Inside paddle always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. 	

*Caution : Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Function Code Number		Description	ANSI/BHMA
With deadbolt			
HL9400		Dormitory/Bedroom Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from outside or thumbturn from inside. 	F21
HL9401		Entrance Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or paddle inside retracts both deadbolt and latchbolt simultaneously. Outside paddle remains locked until thumbturn is returned to its unlocked position. Throwing deadbolt locks outside paddle. Inside paddle always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. 	F20
HL9402		Storeroom/Utility Room Lock* <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from either side. 	F14
HL9403		Classroom Lock with Deadbolt <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from outside. Throwing deadbolt locks outside paddle. Operating inside paddle simultaneously retracts both deadbolt and latchbolt and unlocks outside paddle. 	
HL9408		Corridor Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from outside or thumbturn from inside. Throwing deadbolt locks outside paddle. Operating inside paddle simultaneously retracts both deadbolt and latchbolt and unlocks outside paddle. Inside paddle always free for immediate exit. 	F13
HL9413		Classroom Security Lock with Deadbolt* <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside paddle. Operating inside paddle simultaneously retracts both deadbolt and latchbolt and unlocks outside paddle. Inside paddle always free for immediate exit. 	
HL9430		Closet/Storeroom Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by key from outside. 	

*Caution : Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Non-Keyed Locks

Function Code Number		Description	ANSI/BHMA
Without deadbolt			
HL9020		Bath/Bedroom Privacy Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by inside thumbturn. Operating inside paddle or closing door unlocks outside paddle. To unlock from outside, remove emergency button (615617-010), insert emergency key (615625-060) (furnished) in access hole and turn. 	F22
HL9021		Privacy with Coin Turn Outside <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side except when outside is locked by inside thumbturn or outside coin-turn. Operating inside paddle, closing door, rotating inside thumbturn or outside coin-turn unlocks outside paddle. Specify 615654-040 for torx screws. 	
HL9030		Passage Lock <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. 	F01
With deadbolt			
HL9420		Privacy with Deadbolt <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by thumbturn from inside. Throwing deadbolt locks outside paddle. Operating inside paddle simultaneously retracts both deadbolt and latchbolt and unlocks outside paddle. To unlock from outside, remove emergency button (615617-010), insert emergency key (615625-060) (furnished) in access hole and turn. 	
HL9421		Privacy with Deadbolt and Coin Turn Outside <ul style="list-style-type: none"> Latchbolt retracted by paddle from either side. Deadbolt thrown or retracted by coin-turn from outside or thumbturn from inside. Throwing deadbolt locks outside paddle. Operating inside paddle simultaneously retracts both deadbolt and latchbolt and unlocks outside paddle. Turning outside coin-turn retracts deadbolt and unlocks outside paddle. Specify 615654-040 for torx screws. 	



How to Order

HL200

Device	Ordering example		
	HL200	630	B27
Model HL200			
Finish 605 (US3) 611 (US9) 613 (US10B) 626 (US26D) 606 (US4) 612 (US10) 625 (US26) 630 (US32D)			
Strikes (see page 6) B27 T-Strike D27 ANSI Strike			

HL400

Device	Ordering example			
	HL408	RHR	0	630
Model HL408 Paddle orientation down HL414 Paddle orientation up				
Handing LHR Left hand Reverse Bevel RHR Right hand Reverse Bevel				
Cylinder 0 Less Cylinder 1 Standard 1-1/8" 2 I/C 1-3/8"				
Finish 605 (US3) 611 (US9) 613 (US10B) 626 (US26D) 606 (US4) 612 (US10) 625 (US26) 630 (US32D)				

Mortise Cylinder not required for HL414.

HL9000

Device	Ordering example						
	HL	9000	630	1	441-102	528-711	527-611
Model HL							
Function Code (see page 15)							
Finish 605 (US3) 611 (US9) 613 (US10B) 626 (US26D) 606 (US4) 612 (US10) 625 (US26) 630 (US32D)							
Core 0 Less cylinder housing 2 I/C full-face with core 4 I/C concealed with core0 1 6-pin standard cylinder 3 I/C full-face less core 5 I/C concealed less core							
Cylinder length (see page 14)							
Armor front (see page 14)							
Strikes (see page 14)							

Warranty

Klacci ("Company") warrants to the original purchaser ("Purchaser") that the products manufactured and provided under the Klacci® brand shall be free of defects in material and workmanship under normal use and service as follows: (a) mechanical locks for 5 years; (b) electrified products for 1 year, and (c) finishes for 1 year. The Purchaser shall be obligated to store, transport, install, maintain and operate the products in accordance with good practice and reasonable maintenance works, and has followed specific instructions from the Company. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, Klacci may repair or replace the product.

The present warranty does not cover:

1. Scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals.
2. Normal wear and tear.
3. Lack of proper maintenance.
4. Abuse or any damage caused by improper installation, sabotage or misuse of the product.
5. Improper storage, shipping and handling.
6. Failure to follow instructions or guidelines provided by the Company.

Klacci makes no representations or warranties concerning any modification or installation along with other brand products that can potentially impact its intended operation or cause malfunction. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please follow its installation instructions accordingly or consult with a code specialist or local code official (authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- The warranty becomes effective from the date of shipment.

Contents in this catalog are for reference and illustration only. Shipments subject to actual productions. Please consult factory for final discretion.

These products and systems are under patent protection, counterfeiting not allowed.



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