THA-300J Lever Handle Latch

PAT.No.2111348
PAT.No.905369

Japan Electric Association

Conformed Product of Approval Standard for Cubicle Type Private Incoming Facilities for Emergency Power

Conformed Product of Recommendation Standard for Cubicle Type Incoming Facilities for High-Voltage Power

Characteristic

Lever Lock
Lever shall be kept at locked position avoiding a door to open freely by vibration while the door is closed.

Lever Stop
Lever shall be kept at 60 degree turned position by the lever stop mechanism while the door is opened.

Cylinder Lock
Status of the lock, either locked or unlocked, can be recognized by position of the lever.

Application

Exterior cubicles / Distribution boards / Distribution panels / Control boards / Various types of boxes

Specification

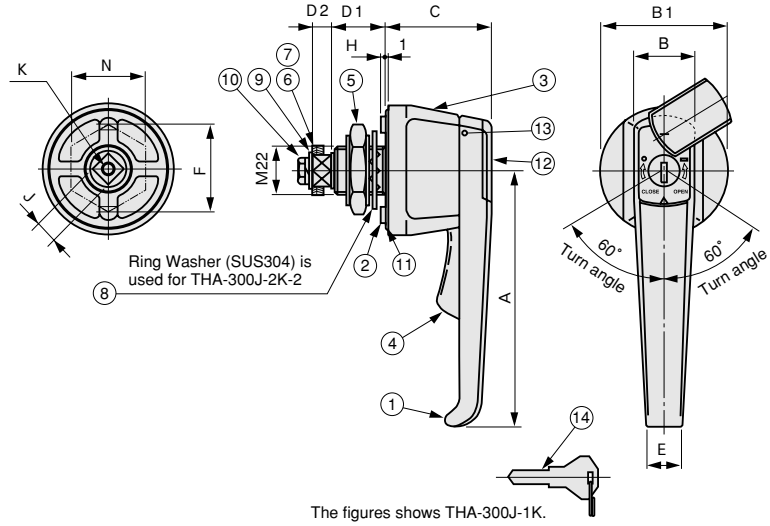
Can be used for both left side and right side.
Waterproof.
Key No.2200 is compatible with key No. 200. Available with key No. 200.

Specification

Model No.	Key No.	Net Weight (g)	Code No.	
THA-300J-1K	No.2000	583	3723	
	No.2200		4009	
THA-300J-1	Without Key	578	3724	
THA-300J-2K	No.2000	364	3725	
	No.2200		4010	
THA-300J-2	Without Key	350	3726	

Parts List

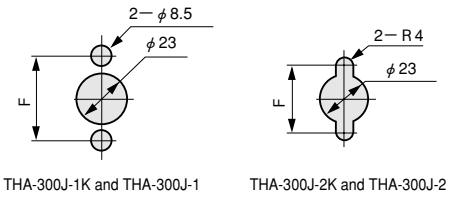
No.	Part Name	Material	Finish	Quantity
1	Body	ZDC	Cr	1
2	Receiver		Zn	1
3	Skirt		Cr	1
4	Lever	Forging		1
5	Nut	ZDC	Zn	1
6	Square Hole Washer	SPCC		1
7	Square Hole Washer			1
8	Toothed Lock Washer	S		1
9	Flat Washer	SPCC		1
10	Cross Hole Head Hexagon Bolt with Spring Washer	S		1
11	Receiver Packing	CR	Black	1
12	Cap	ZDC	Cr	1
13	Lock		Zn	1
14	Key	BSP	Ni	2



The figures shows THA-300J-1K.

Size List

Model No.	A	B	B1	C	D1	D2	E	F	H	J	K	N
THA-300J-1K	120	29	φ60	50	22.5	8	17	40	2.0	□10	M6	35
THA-300J-1												
THA-300J-2K	100	26.5	φ48	44	14.3	5	14	32	1.5	□8	M5	30
THA-300J-2												



THA-300J-1K and THA-300J-1

THA-300J-2K and THA-300J-2

Layout of Holes for Installation

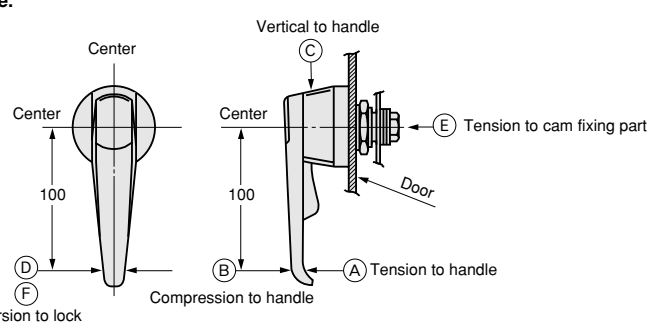
Surface Treatment

Corrosion resistance test for plating
Cas Test Method : JIS H8502-7
Test Organization : Tokyo Metropolitan Industrial Technology Research Institute.

Strength of THA-300J-1K handle and key part
All test results cleared the reference.

Part	Load Direction	Strength	
		Reference Value	Test Value
Handle	Tension A	981N {100kgf}	More than Reference
	Compression B		
	Vertical C		
Lock	Torsion D	491N {50kgf}	
Cam Fixing Part	Tensile E		
Lever Lock Mechanism	Torsion F		

Test Organization: Tokyo Metropolitan Industrial Technology Research Institute.



Applied Force Directions of Tension, Compression, Vertical, and Torsion