```
assert_of_le_int  THM

⊢  ∀x,y:ℤ. x≤₂y ⟺ x≤y  by Unfolds [`le_int`;`le`] 0 THEN UnivCD
|
1. x : ℤ
2. y : ℤ
⊢  ¬₂y<₂x ⟺ ¬y<x
| by RWH (LemmaC Thm* ∀p:𝔹. ¬₂p ⟺ ¬p    {assert_of_bnot}) 0
|
⊢  ¬y<₂x ⟺ ¬y<x
  by RWH (LemmaC Thm* ∀x,y:ℤ. x<₂y ⟺ x<y    {assert_of_lt_int}) 0
END
```