```
rel_rel_star  THM

⊢  ∀T:Type, R:(T→T→Prop), x,y:T. (x R y) ⇒ (x (R^*) y)  by Auto
|
1. T : Type
2. R : T→T→Prop
3. x : T
4. y : T
5. x R y
⊢  x (R^*) y
| by Unfold `rel_star` 0 THEN Reduce 0 THEN InstConcl [1] THENA Auto
|
1. T : Type
2. R : T→T→Prop
3. x : T
4. y : T
5. x R y
⊢  x R^1 y
  by ...
END
```