

Touch switch panel Quality Specification

Noritake Itron Corporation

1. Scope

This Specification describes the Quality Requirements and the conditions of inspections of the touch switch panel.

2. Conditions of Inspection

2-1. Ambient Condition

The touch switch panel shall be inspected under the 500 to 1000 Lx ambient light.

2-2. Operating Conditions

The touch switch panel shall be operated with typical ratings of specifications.

2-3. Workmanship

The reference samples shall be specified for the judgment of workmanship, if necessary.

The reference samples shall be prior to any specified requirements. The reference samples will be periodically reviewed.

2-4. Spot-Size judgment

The spot size judgment shall be performed with the gage having a valid relationship to nationally recognized standard.

3. Terms and Definitions

Whole touch switch panel area shall be applied .

4. Requirements of Panel

4-1. Average size and quantity of scratch, divot and stains shall be accepted within criteria as shown below table.

Criteria of maximum average size (*)	Quantity	Note
1,Not excess 30% of segment width 2,But not excess 0.25mm.	One error per switch pattern is acceptable. Total two errors per panel are acceptable.	In case of error is divided pattern, panel shall be defect. Even if error size is within requirement.

* Average size=(Smallest size+Largest size)/2

4-2. Broken edge

Must be free

5. Function

Short circuit	Must be free
Break circuit	Must be free