

## **SIMPLESTATES - DATASHEET**

### **DenySignal [ID: DNY-01]**

Denial signal emitter (negative capability). Read-time only.

#### **DATA PLATE**

- Input: operator writes (deny present / not present)
- Output: denial signal at read time
- Reads: no side effects
- Execution: read-time only (no enforcement)
- \_deps: PostgreSQL

#### **INVARIANTS**

- Not denied != permitted
- Denial state != authorization
- Returned state is advisory only

#### **NON-GOALS**

- Authentication
- Authorization / request blocking
- Firewall / WAF behavior
- Policy definition
- Auditing or alerting

#### **FAILURE MODES**

- Missing/delayed deny write -> reads show not present
- Subject/scope mismatch -> wrong signal returned
- Database inconsistency -> stale or incorrect reads
- Network/database failure -> lookup fails

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Self-hosted. Signal-only. Deterministic behavior.

SimpleStates emits state. Your system implements outcomes.