Configuration:

Configuration.yaml

```yaml
# Loads default set of integrations. Do not remove.
default_config:

# Load frontend themes from the themes folder
frontend:
  themes: !include_dir_merge_named themes

# Splitting up the configuration
#    https://www.home-assistant.io/docs/configuration/splitting_configuration/#advanced-usage
# Lazy Tech Geek:
#    https://youtu.be/8NnOhWuupEE
#    https://youtu.be/bj8H2yghvtU
# DrZzs & GrZzs
#    https://youtu.be/FfjSA2o_0KA

automation: !include automations.yaml
script: !include scripts.yaml
scene: !include scenes.yaml

# !include_dir_list
# !include_dir_named

#!include_dir_merge_list
#script: !include_dir_merge_list config/scripts
template: !include_dir_merge_list config/templates

#!include_dir_merge_named
# input_number: !include_dir_merge_named config/input_number
# input_text: !include_dir_merge_named config/ input_text
# input_boolean: !include_dir_merge_named config/input_boolean

recorder:
  db_url: !secret maria_db
```

Group:

```
Name             : highnrswitch
Show as          : Switch
Entity_ID        : switch.highnrswitch
Group Members    :
     IHC1 Output_40
     IHC1 Output_41
     IHC1 Output_42
     IHC1 Output_43
     IHC1 Output_44
     IHC1 Output_45
     IHC1 Output_46
     IHC1 Output_47
     IHC1 Output_48
     IHC1 Output_49
```

Template:

config/templates/LK-PushButtons.yaml

Trigger delen:

```
- trigger:
    - trigger: state
      entity_id:
        - binary_sensor.ihc1_input_00
      to: "off"
      id: Input_00K
      from: "on"
      variables:
        type_id: switch
        action_id: switch.toggle
        target_ent: switch.ihc1_output_00
    - trigger: state
      entity_id:
        - binary_sensor.ihc1_input_00
      to: "on"
      id: Input_00L
      for:
        hours: 0
        minutes: 0
        seconds: 1
      variables:
        type_id: switch
        action_id: switch.turn_off
        target_ent: switch.ihc1_output_00
    - trigger: state
      entity_id:
        - binary_sensor.ihc1_input_08
      to: "off"
      id: Input_08K
      from: "on"
      variables:
        type_id: switch
        action_id: switch.turn_on
        target_ent: switch.ihc1_output_08
    - trigger: state
      entity_id:
        - binary_sensor.ihc1_input_08
      to: "on"
      id: Input_08L
      for:
        hours: 0
        minutes: 0
        seconds: 1
      variables:
        type_id: switch
        action_id: switch.turn_off
        target_ent: switch.ihc1_output_08
```

```
  - trigger: state
    entity_id:
      - binary_sensor.ihc1_input_16
    to: "off"
    id: Input_16K
    from: "on"
    variables:
      type_id: scene
      action_id: switch.turn_on
      target_ent: switch.highnrswitch
  - trigger: state
    entity_id:
      - binary_sensor.ihc1_input_16
    to: "on"
    id: Input_16L
    for:
      hours: 0
      minutes: 0
      seconds: 1
    variables:
      type_id: scene
      action_id: switch.turn_off
      target_ent: switch.highnrswitch
  - trigger: state
    entity_id:
      - binary_sensor.ihc1_input_24
    to: "off"
    id: Input_24K
    from: "on"
    variables:
      type_id: switch
      action_id: switch.toggle
      target_ent: switch.ihc1_output_24
  - trigger: state
    entity_id:
      - binary_sensor.ihc1_input_24
    to: "on"
    id: Input_24L
    for:
      hours: 0
      minutes: 0
      seconds: 1
    variables:
      type_id: switch
      action_id: switch.turn_off
      target_ent: switch.ihc1_output_24
```

Condition delen:

```
condition:
  - condition: or
    conditions:
      - condition: and
        conditions:
          - condition: template
            value_template: >-
              {{ trigger.to_state.last_updated -
              trigger.from_state.last_updated  < as_timedelta("00:00:01")
              }}
          - condition: template
            value_template: "{{ trigger.to_state.state == 'off'}}"
      - condition: and
        conditions:
          - condition: template
            value_template: >-
              {{ trigger.to_state.last_updated -
              trigger.from_state.last_updated  >= as_timedelta("00:00:01")
                }}
          - condition: template
            value_template: "{{ trigger.to_state.state == 'on'}}"
```

Sensor delen:

```
sensor:
  - name: LK-Pushbutton-Pressed
    state: "{{ trigger.id }},{{now().strftime('%H:%M:%S')}}"
    attributes:
      trigger-id: "{{ trigger.id }}"
      type_map: "{{ type_id: }}"
      action-map: "{{ action_id }}"
      target-map: "{{ target_ent }}"
```

Automations:

```
alias: test22
description: ""
triggers:
  - trigger: state
    entity_id:
      - sensor.lk_pushbutton_pressed
conditions: []
actions:
  - action: "{{ state_attr('sensor.lk_pushbutton_pressed','action-map') }}"
    metadata: {}
    data: {}
    target:
      entity_id: "{{ state_attr('sensor.lk_pushbutton_pressed','target-map') }}"
mode: single
```

Løsninger:

I am not sure if the following information will help with your project but a Trigger-based Template Sensor can have a variables section.
Any variables you define in that section can be referenced in the Sensor's state and its attributes.

Example
The following (contrived) example defines four variables in the variables section. The variables are then referenced in state and in the color, and level attributes.

```
- trigger:
    - trigger: state
      entity_id: sensor.demo
  variables:
    my_map:
      10: blue
      20: green
      30: yellow
      40: orange
      50: red
      60: purple
    nmbr: "{{ trigger.to_state.state | int(0) }}"
    rounded_nmbr: "{{ (nmbr / 10) | round(0) * 10 }}"
    yes_or_no: "{{ iif(nmbr > 0, 'Yes', 'No') }}"
  sensor:
    - name: Example
      state: "{{ yes_or_no }}"
      attributes:
        color: "{{ my_map.get(rounded_nmbr, 'unknown') }}"
        level: "{{ nmbr }}"
```

Didgeridrew

In addition to Taras' response above, you can also set variables that are specific to each trigger if you prefer to organize it that way:

```
- trigger:
    - id: Input_00K
      trigger: state
      entity_id:
        - binary_sensor.ihc1_input_00
      to: "off"
      from: "on"
      variables:
        action_id: switch.toggle
        target_ent: switch.ihc1_output_00
    - id: Input_00L
      trigger: state
      entity_id:
        - binary_sensor.ihc1_input_00
      to: "on"
      from: "off"
      variables:
        action_id: switch.turn_off
        target_ent: switch.ihc1_output_01
...

  sensor:
    - name: LK-Pushbutton-Pressed
      state: "{{ trigger.id }},{{now().strftime('%H:%M:%S')}}"
      attributes:
        trigger-id: "{{ trigger.id }}"
        lk-key-map: "{{ [action_id, target_ent] }}"
```