Safety Control Programming

Standard Engineering Practices

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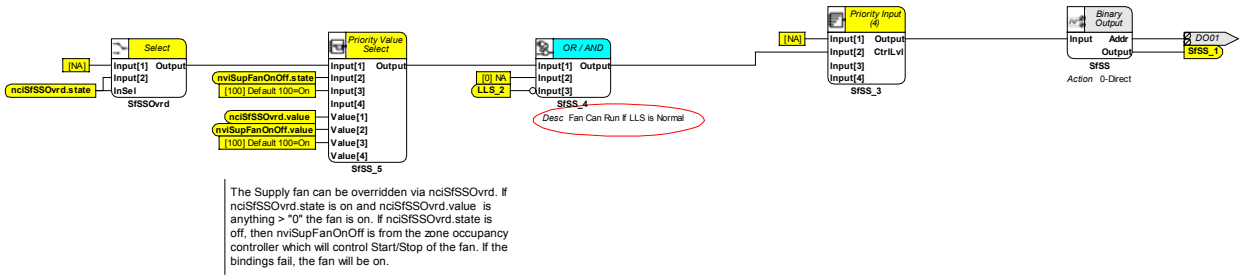
Safety Control Programming

Safety circuits are normally hardwired to the end devices (motor starters, valves, dampers) to protect the equipment. The software will also mimic this function as well. The software will shut down fan(s), open valves or close dampers as required. Unless the job specifications state otherwise, this is a requirement.



The above diagram shows the LLS stopping the fan on a Low Limit condition. Also note that the safety will stop the fan even if the fan is overridden to the “ON” condition

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