sCtl7 proposal to allow bypass or not at step 2

|  |  |  |
| --- | --- | --- |
| **sCtl7** | **Check conditions** | Passed   Failed   Inconclusive |
| IEC 61850-7-2 Subclause 20.5.2.5  IEC 61850-8-1 Subclause 20  PIXIT: Ct8 | | |
| Expected result   1. DUT returns 2. DOns: Operate response- with optional AddCause = “Blocked-by-interlocking” 3. SBOns: Select response+ and Operate response- with optional AddCause = “Blocked-by-interlocking” 4. DOes: Operate response- with AddCause = “Blocked-by-interlocking” 5. SBOes: SelectWithValue response- with AddCause = “Blocked-by-interlocking” OR   SelectWithValue response+ and Operate response- with AddCause = “Blocked-by-interlocking”   1. DUT returns Select/SelectWithValue/Operate response+ OR (PIXIT) 2. DOns: Operate response- with optional AddCause = “Not-supported” or “Blocked-by-interlocking” 3. SBOns: Select response+ and Operate response- with optional AddCause = “Not-supported” or “Blocked-by-interlocking” 4. DOes: Operate response- with AddCause = “Not-supported” or “Blocked-by-interlocking” 5. SBOes: SelectWithValue response- with AddCause = “Not-supported” or “Blocked-by-interlocking” OR   SelectWithValue response+ and Operate response- with AddCause = “Not-supported” or   “Blocked‑by‑interlocking”   1. DUT returns Select/SelectWithValue/Operate response+ | | |
| Test description  1.     Test engineer forces CILO.EnaOpn/EnaCls = FALSE  a)   DOns: Client sends correct Operate request with Check Interlock set  b)   SBOns: Client sends correct Select and Operate request with Check Interlock set  c)   DOes: Client sends correct Operate request with Check Interlock set  d)   SBOes: Client sends correct SelectWithValue and on response+ Operate with Check Interlock set  2.     Test engineer forces CILO.EnaOpn/EnaCls = FALSE  a)   DOns: Client sends correct Operate request with Check Interlock not set  b)   SBOns: Client sends correct Select and Operate request with Check Interlock not set  c)   DOes: Client sends correct Operate request with Check Interlock not set  d)   SBOes: Client sends correct SelectWithValue and Operate with Check Interlock not set  3.     Test engineer forces CILO.EnaOpn/EnaCls = TRUE  a)   DOns: Client sends correct Operate request with Check Interlock set  b)   SBOns: Client sends correct Select and Operate request with Check Interlock set  c)   DOes: Client sends correct Operate request with Check Interlock set  d)   SBOes: Client sends correct SelectWithValue and Operate with Check Interlock set | | |
| Comment | | |

PIXIT:

|  |  |  |  |
| --- | --- | --- | --- |
| Ct8 | 1,2 | What is the behaviour of the DUT when the check conditions are **not** set  This behaviour is: | DUT ignores the check value and always perform the check (allowed for Ed1 only) or DUT refuses to bypass the check with “Not supported” or “Blocked-by-interlocking” (All Ed) or DUT bypasses the interlocking check (All Ed)  Fixed / Configurable / Dynamic |