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| **sCtl7** | **Check conditions** | [ ]  Passed[ ]  Failed[ ]  Inconclusive |
| IEC 61850-7-2 Subclause 20.5.2.5IEC 61850-8-1 Subclause 20PIXIT: Ct8 |
| Expected result1. 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)

a) DOns: Operate response- with optional AddCause = “Not-supported” or “inconsistent-parameters” or “Blocked-by-interlocking”b) SBOns: Select response+ and Operate response- with optional AddCause = “Not-supported” or “inconsistent-parameters” or “Blocked-by-interlocking”c) DOes: Operate response- with AddCause = “Not-supported” or “inconsistent-parameters” or “Blocked-by-interlocking”d) SBOes: SelectWithValue response- with AddCause = “Not-supported” or “inconsistent-parameters” or “Blocked-by-interlocking” OR  SelectWithValue response+ and Operate response- with AddCause = “Not-supported” or “inconsistent-parameters” or  “Blocked by interlocking”1. DUT returns Select/SelectWithValue/Operate response+ OR (PIXIT)

a) DOns: Operate response- with optional AddCause = ~~“Not-supported” or~~ “Blocked-by-interlocking”b) SBOns: Select response+ and Operate response- with optional AddCause = ~~“Not-supported” or~~ “Blocked-by-interlocking”c) DOes: Operate response- with AddCause = ~~“Not-supported” or~~ “Blocked-by-interlocking”d) 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+
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| Test description1. Test engineer forces CILO.EnaOpn/EnaCls = FALSE

a) DOns: Client sends correct Operate request with Check Interlock setb) SBOns: Client sends correct Select and Operate request with Check Interlock setc) DOes: Client sends correct Operate request with Check Interlock setd) SBOes: Client sends correct SelectWithValue and on response+ Operate with Check Interlock set1. If Ct8 indicates DUT can refuse the bypass, configurate the DUT for refuse bypass (if necessary) Test engineer forces CILO.EnaOpn/EnaCls = FALSE

a) DOns: Client sends correct Operate request with Check Interlock not setb) SBOns: Client sends correct Select and Operate request with Check Interlock not setc) DOes: Client sends correct Operate request with Check Interlock not setd) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock not set1. If Ct8 indicates DUT can accept the bypass, configurate the DUT for accept bypass (if necessary) Test engineer forces CILO.EnaOpn/EnaCls = FALSE

a) DOns: Client sends correct Operate request with Check Interlock not setb) SBOns: Client sends correct Select and Operate request with Check Interlock not setc) DOes: Client sends correct Operate request with Check Interlock not setd) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock not set1. Test engineer forces CILO.EnaOpn/EnaCls = TRUE

a) DOns: Client sends correct Operate request with Check Interlock setb) SBOns: Client sends correct Select and Operate request with Check Interlock setc) DOes: Client sends correct Operate request with Check Interlock setd) SBOes: Client sends correct SelectWithValue and Operate with Check Interlock set |
| Comment |

| **ID** | **Ed** | **Description** | **Value / Clarification** |
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| Ct8 | 1,2  | What is the behaviour of the DUT when the check conditions are not setThis 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 “Inconsistent-parameters” or “Blocked-by-interlocking” (All Ed) or DUT bypasses the interlocking check (All Ed)Fixed / Configurable / Dynamic |