## Alarm 032

Code 032 refers to the transmission of the serial radiographic design and in particular to activation 23S4.

The activation of this alarm disables the power transformer connection relay. All movements are disabled, the angle of tilt display flashes and shows the alarm code while the remaining displays switch off.

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| **Events that may cause the error and probability****(H=high L=low VL=very low VVL=very very low)** | **Problem solution** |
| Board 23S4 absent or not functionalLED OK: OFF **H** | While equipment is switched off insert or replace board. |
| Activation powered by an out of range voltage valueLED OK: OFF **VL** | Check board 23S9, fuses on board 23S9, the power supplies from the power transformer, the connections and power supplies of the transformer, line voltage.Replace fuses or board 23S9, restore connections, replace fuses or power transformer 22TR1. |

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| **Events that may cause the error and probability****(H=high L=low VL=very low VVL=very very low)** | **Problem solution** |
| Inverted motor connectionLED O.K.: OFFLED m.d.: ON **L (during quality controls)** | Invert motor connection. |
| Motor disconnected LED O.K.: OFFLED O.C.: ON **(possible)** | Refer to functional diagrams to restore connections.  |
| Motor short-circuitLED O.K.: OFFLED O.C.: ON **(possible)** | Check Motor, the generator/activation tie cable, board 23S9 and activation 23S4.Replace Motor Reducer, tie cable, board 23S9 and 23S4.  |
| Inverted dynamo connectionLED O.K.: OFFLED m.d.: ON **VVL (only during quality controls)** | Invert dynamo connection. |
| Dynamo disconnectedLED O.K.: OFFLED m.d.: ON**VVL** | Refer to functional diagrams to restore connections.  |
| Generator short-circuitLED O.K.: OFFLED m.d.: ON | Check generator, the generator/activation tie cable, board 23S9 and activation 23S4. Replace Motor Reducer, tie cable, board 23S9 and 23S4.  |
| Activation blocked by thermal protectionLED O.K.: OFFLED S.T.: ON | Use of continuous transmission function.To restore operation switch equipment off, let activation cool down and switch equipment back on. |
| Tracks interruptions on board 23S9Input 25S3-IN12 offOutput 25S3-OUT12 offDac VAN2 out of range | Restore connections or replace board. |

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| **Events that may cause the error** | **Problem solution** |
| Interruption in flat-cable 23S9CFC1-25S3CFC1Input 25S3-IN12 offOutput 25S3-OUT12 offDac VAN2 out of range | Replace flat-cable. |
| Rosin joints on the connectors of board 23S9 and 25S3 Input 25S3-IN12 offOutput 25S3-OUT12 offDac VAN2 out of range | Restore joints or replace boards. |
| Input 25S3-IN12 not functionalOutput 25S3-OUT12 not functionalDac VAN2 out of range | Refer to testing manual to check with Test SW.Replace board I/O 25S3, CPU 25S1 and flat-cables. |
| Power supply failure +24Vcc for input/output board 25S3  | Check connections, power supplies on boards 25S3, the power supplies from the service transformer, fuses and power supplies on transformer.Replace boards 25S3, restore connections, replace fuses or auxiliaries transformer 22TR1.   |
| Power supply failure +5Vcc or +/-12Vcc for input/output board 25S1  | Check connections, power supplies on boards 25S1, fuses on board 25S1, the power supplies from the service transformer, fuses on transformer.Replace board 25S1, restore connections, replace fuses or auxiliaries transformer. |