

Table of contents

■ CoE SDO abort codes

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For an acyclic CoE mailbox communication, the following standardized SDO abort codes can result. These are mapped on the error codes of the control (→ ECM error code).

SDO abort code	Description	ECM error code
n/a	Ecat CoE: Protocol not supported	0x0C850032
0x0503 0000	Ecat SDO: Toggle bit not alternated	0x0C850040
0x0504 0000	Ecat SDO: SDO protocol timeout	0x0C850041
0x0504 0001	Ecat SDO: Client/server command specifier not valid	0x0C850042
0x0504 0002	Ecat SDO: Invalid block size (block mode only)	0x0C850043
0x0504 0003	Ecat SDO: Invalid sequence number (block mode only)	0x0C850044
0x0504 0004	Ecat SDO: CRC error (block mode only)	0x0C850045
0x0504 0005	Ecat SDO: Out of memory	0x0C850046
0x0601 0000	Ecat SDO: Unsupported access to an object	0x0C850047
0x0601 0001	Ecat SDO: Attempt to read a write only object	0x0C850048
0x0601 0002	Ecat SDO: Attempt to write a read only object	0x0C850049
0x0601 0003	Ecat SDO: Subindex cannot be written, SI0 must be 0	0x0C870004
0x0601 0004	Ecat SDO: Complete access not supported	0x0C870005
0x0601 0005	Ecat SDO: Object length exceeds mailbox size	0x0C870006

SDO abort code	Description	ECM error code
0x0601 0006	Ecat SDO: Object mapped to RxPDO, SDO Download blocked	0x0C870007
0x0602 0000	Ecat SDO: Object does not exist in object dictionary	0x0C85004A
0x0604 0041	Ecat SDO: Object cannot be mapped to PDO	0x0C85004B
0x0604 0042	Ecat SDO: PDO length exceeded	0x0C85004C
0x0604 0043	Ecat SDO: General incompatibility (parameter)	0x0C85004D
0x0604 0047	Ecat SDO: General incompatibility (device internal)	0x0C85004E
0x0606 0000	Ecat SDO: Access failed (hardware error)	0x0C85004F
0x0607 0010	Ecat SDO: Data type and length code do not match	0x0C850050
0x0607 0012	Ecat SDO: Wrong data type (parameter too long)	0x0C850051
0x0607 0013	Ecat SDO: Wrong data type (parameter too short)	0x0C850052
0x0609 0011	Ecat SDO: Subindex does not exist	0x0C850053
0x0609 0030	Ecat SDO: Parameter value out of range	0x0C850054
0x0609 0031	Ecat SDO: Parameter value out of high limit	0x0C850055
0x0609 0032	Ecat SDO: Parameter value out of low limit	0x0C850056
0x0609 0033	Ecat SDO: Module Ident List mismatch	0x0C85005E
0x0609 0036	Ecat SDO: Maximum value less than minimum value	0x0C850057
0x0800 0000	Ecat SDO: General error	0x0C850058

SDO abort code	Description	ECM error code
0x0800 0020	Ecat SDO: Data cannot be transferred or stored	0x0C850059
0x0800 0021	Ecat SDO: Data cannot be transferred (local control)	0x0C85005A
0x0800 0022	Ecat SDO: Data cannot be transferred (device state)	0x0C85005B
0x0800 0023	Ecat SDO: Object dictionary does not exist	0x0C85005C
n/a	Ecat SDO: Unknown error code	0x0C85005D