



Software Design Specification Document

SDS13548 - List of defined Z-Wave Command Classes.

This document lists the existing Command Classes and their associated information.

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Revision Record

Doc. Revision	Change by	Date	Comment
1	Nicolas Obriot	10-12-2016	Initial revision.

Command Class Name	Identifier	Category	status	value	Latest version
Alarm Command Class	COMMAND_CLASS_ALARM	Application	Active	0x71	2
Alarm Sensor Command Class	COMMAND_CLASS_SENSOR_ALARM	Application	Deprecated	0x9C	1
Alarm Silence Command Class	COMMAND_CLASS_SILENCE_ALARM	Application	Active	0x9D	1
All Switch Command Class	COMMAND_CLASS_SWITCH_ALL	Application	Active	0x27	1
Anti-theft Command Class	COMMAND_CLASS_ANTI THEFT	Application	Active	0x5D	2
Application Capability Command Class	COMMAND_CLASS_APPLICATION_CAPABILITY	Management	Active	0x57	1
Application Status Command Class	COMMAND_CLASS_APPLICATION_STATUS	Management	Active	0x22	1
Association Command Class	COMMAND_CLASS_ASSOCIATION	Management	Active	0x85	2
Association Command Configuration Command Class	COMMAND_CLASS_ASSOCIATION_COMMAND_CONFIGURATION	Management	Active	0x9B	1
Association Group Information (AGI) Command Class	COMMAND_CLASS_ASSOCIATION_GRP_INFO	Management	Active	0x59	3
Barrier Operator Command Class	COMMAND_CLASS_BARRIER_OPERATOR	Application	Active	0x66	1
Basic Command Class	COMMAND_CLASS_BASIC	Application	Active	0x20	2
Basic Tariff Information Command Class	COMMAND_CLASS_BASIC_TARIFF_INFO	Application	Active	0x36	1
Basic Window Covering Command Class	COMMAND_CLASS_BASIC_WINDOW_COVERING	Application	Obsolete	0x50	1
Battery Command Class	COMMAND_CLASS_BATTERY	Management	Active	0x80	1
Binary Sensor Command Class	COMMAND_CLASS_SENSOR_BINARY	Application	Deprecated	0x30	2
Binary Switch Command Class	COMMAND_CLASS_SWITCH_BINARY	Application	Active	0x25	2
Binary Toggle Switch Command Class	COMMAND_CLASS_SWITCH_TOGGLE_BINARY	Application	Deprecated	0x28	1
Climate Control Schedule Command Class	COMMAND_CLASS_CLIMATE_CONTROL_SCHEDULE	Application	Deprecated	0x46	1
Central Scene Command Class	COMMAND_CLASS_CENTRAL_SCENE	Application	Active	0x5B	3
Clock Command Class	COMMAND_CLASS_CLOCK	Application	Active	0x81	1
Color Switch Command Class	COMMAND_CLASS_SWITCH_COLOR	Application	Active	0x33	3
Configuration Command Class	COMMAND_CLASS_CONFIGURATION	Application	Active	0x70	4
Controller Replication Command Class	COMMAND_CLASS_CONTROLLER_REPLICATION	Application	Active	0x21	1
CRC-16 Encapsulation Command Class	COMMAND_CLASS_CRC_16_ENCAP	Transport-Encapsulation	Active	0x56	1
Demand Control Plan Configuration Command Class	COMMAND_CLASS_DCP_CONFIG	Application	Active	0x3A	1
Demand Control Plan Monitor Command Class	COMMAND_CLASS_DCP_MONITOR	Application	Active	0x3B	1
Device Reset Locally Command Class	COMMAND_CLASS_DEVICE_RESET_LOCALLY	Management	Active	0x5A	1
Door Lock Command Class	COMMAND_CLASS_DOOR_LOCK	Application	Active	0x62	3
Door Lock Logging Command Class	COMMAND_CLASS_DOOR_LOCK_LOGGING	Application	Active	0x4C	1
Energy Production Command Class	COMMAND_CLASS_ENERGY_PRODUCTION	Application	Active	0x90	1
Entry Control Command Class	COMMAND_CLASS_ENTRY_CONTROL	Application	Active	0x6F	1
Firmware Update Meta Data Command Class	COMMAND_CLASS_FIRMWARE_UPDATE_MD	Management	Active	0x7A	5
Geographic Location Command Class	COMMAND_CLASS_GEOGRAPHIC_LOCATION	Application	Active	0x8C	1
Grouping Name Command Class	COMMAND_CLASS_GROUPING_NAME	Management	Deprecated	0x7B	1
Hail Command Class	COMMAND_CLASS_HAIL	Management	Deprecated	0x82	1
HRV Status Command Class	COMMAND_CLASS_HRV_STATUS	Application	Active	0x37	1
HRV Control Command Class	COMMAND_CLASS_HRV_CONTROL	Application	Active	0x39	1
Humidity Control Mode Command Class	COMMAND_CLASS_HUMIDITY_CONTROL_MODE	Application	Active	0x6D	1
Humidity Control Operating State Command Class	COMMAND_CLASS_HUMIDITY_CONTROL_OPERATING_STATE	Application	Active	0x6E	1
Humidity Control Setpoint Command Class	COMMAND_CLASS_HUMIDITY_CONTROL_SETPOINT	Application	Active	0x64	1
Inclusion Controller Command Class	COMMAND_CLASS_INCLUSION_CONTROLLER	Network-Protocol	Active	0x74	1
Indicator Command Class	COMMAND_CLASS_INDICATOR	Application	Active	0x87	2
IP Association Command Class	COMMAND_CLASS_IP_ASSOCIATION	Network-Protocol	Active	0x5C	1
IP Configuration Command Class	COMMAND_CLASS_IP_CONFIGURATION	Network-Protocol	Obsolete	0x9A	1
Irrigation Command Class	COMMAND_CLASS_IRRIGATION	Application	Active	0x6B	1
Language Command Class	COMMAND_CLASS_LANGUAGE	Application	Active	0x89	1
Lock Command Class	COMMAND_CLASS_LOCK	Application	Deprecated	0x76	1
Mailbox Command Class	COMMAND_CLASS_MAILBOX	Network-Protocol	Active	0x69	1
Manufacturer proprietary Command Class	COMMAND_CLASS_MANUFACTURER_PROPRIETARY	Application	Active	0x91	1
Manufacturer Specific Command Class	COMMAND_CLASS_MANUFACTURER_SPECIFIC	Management	Active	0x72	2
Mark (Support/Control Mark)	COMMAND_CLASS_MARK	N/A	Active	0xEF	N/A
Meter Command Class	COMMAND_CLASS_METER	Application	Active	0x32	4
Meter Table Configuration Command Class	COMMAND_CLASS_METER_TBL_CONFIG	Application	Active	0x3C	1
Meter Table Monitor Command Class	COMMAND_CLASS_METER_TBL_MONITOR	Application	Active	0x3D	2
Meter Table Push Configuration Command Class	COMMAND_CLASS_METER_TBL_PUSH	Application	Active	0x3E	1
Move To Position Window Covering Command Class	COMMAND_CLASS_MTP_WINDOW_COVERING	Application	Obsolete	0x51	1
Multi Channel Command Class	COMMAND_CLASS_MULTI_CHANNEL	Transport-Encapsulation	Active	0x60	4
Multi Channel Association Command Class	COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION	Management	Active	0x8E	3
Multi Command Command Class	COMMAND_CLASS_MULTI_CMD	Transport-Encapsulation	Active	0x8F	1
Multilevel Sensor Command Class	COMMAND_CLASS_SENSOR_MULTILEVEL	Application	Active	0x31	10
Multilevel Switch Command Class	COMMAND_CLASS_SWITCH_MULTILEVEL	Application	Active	0x26	4
Multilevel Toggle Switch Command Class	COMMAND_CLASS_SWITCH_TOGGLE_MULTILEVEL	Application	Deprecated	0x29	1
Network Management Basic Node Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_BASIC	Network-Protocol	Active	0x4D	2
Network Management Inclusion Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_INCLUSION	Network-Protocol	Active	0x34	2
Network Management Installation and Maintenance Command Class	NETWORK_MANAGEMENT_INSTALLATION_MAINTENANCE	Network-Protocol	Active	0x67	1
Network Management Primary Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_PRIMARY	Network-Protocol	Active	0x54	1
Network Management Proxy Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_PROXY	Network-Protocol	Active	0x52	2
No Operation Command Class	COMMAND_CLASS_NO_OPERATION	Network-Protocol	Active	0x00	1
Node Naming and Location Command Class	COMMAND_CLASS_NODE_NAMING	Management	Active	0x77	1
Notification Command Class	COMMAND_CLASS_NOTIFICATION	Application	Active	0x71	8
Powerlevel Command Class	COMMAND_CLASS_POWERLEVEL	Network-Protocol	Active	0x73	1
Prepayment Command Class	COMMAND_CLASS_PREPAYMENT	Application	Active	0x3F	1
Prepayment Encapsulation Command Class	COMMAND_CLASS_PREPAYMENT_ENCAPSULATION	Application	Active	0x41	1
Proprietary Command Class	COMMAND_CLASS_PROPRIETARY	Application	Deprecated	0x88	1
Protection Command Class	COMMAND_CLASS_PROTECTION	Application	Active	0x75	2
Pulse Meter Command Class	COMMAND_CLASS_METER_PULSE	Application	Deprecated	0x35	1
Rate Table Configuration Command Class	COMMAND_CLASS_RATE_TBL_CONFIG	Application	Active	0x48	1
Rate Table Monitor Command Class	COMMAND_CLASS_RATE_TBL_MONITOR	Application	Active	0x49	1
Remote Association Activation Command Class	COMMAND_CLASS_REMOTE_ASSOCIATION_ACTIVATE	Management	Obsolete	0x7C	1
Remote Association Configuration Command Class	COMMAND_CLASS_REMOTE_ASSOCIATION	Management	Obsolete	0x7D	1
Scene Activation Command Class	COMMAND_CLASS_SCENE_ACTIVATION	Application	Active	0x2B	1
Scene Actuator Configuration Command Class	COMMAND_CLASS_SCENE_ACTUATOR_CONF	Application	Active	0x2C	1
Scene Controller Configuration Command Class	COMMAND_CLASS_SCENE_CONTROLLER_CONF	Application	Active	0x2D	1
Schedule Command Class	COMMAND_CLASS_SCHEDULE	Application	Active	0x53	3
Schedule Entry Lock Command Class	COMMAND_CLASS_SCHEDULE_ENTRY_LOCK	Application	Deprecated	0x4E	3
Screen Attributes Command Class	COMMAND_CLASS_SCREEN_ATTRIBUTES	Application	Active	0x93	2
Screen Meta Data Command Class	COMMAND_CLASS_SCREEN_MD	Application	Active	0x92	2
Security 0 Command Class	COMMAND_CLASS_SECURITY	Transport-Encapsulation	Active	0x98	1
Security 2 Command Class	COMMAND_CLASS_SECURITY_2	Transport-Encapsulation	Active	0x9F	1
Security Mark (Unsecure/Secure Mark)	COMMAND_CLASS_SECURITY_SCHEME0_MARK	N/A	Active	0xF100	N/A
Sensor Configuration Command Class	COMMAND_CLASS_SENSOR_CONFIGURATION	Application	Obsolete	0x9E	1

Command Class Name	Identifier	Category	status	value	Latest version
Simple AV Control Command Class	COMMAND_CLASS_SIMPLE_AV_CONTROL	Application	Active	0x94	4
Supervision Command Class	COMMAND_CLASS_SUPERVISION	Transport-Encapsulation	Active	0x6C	1
Tariff Table Configuration Command Class	COMMAND_CLASS_TARIFF_CONFIG	Application	Active	0x4A	1
Tariff Table Monitor Command Class	COMMAND_CLASS_TARIFF_TBL_MONITOR	Application	Active	0x4B	1
Thermostat Fan Mode Command Class	COMMAND_CLASS_THERMOSTAT_FAN_MODE	Application	Active	0x44	4
Thermostat Fan State Command Class	COMMAND_CLASS_THERMOSTAT_FAN_STATE	Application	Active	0x45	2
Thermostat Mode Command Class	COMMAND_CLASS_THERMOSTAT_MODE	Application	Active	0x40	3
Thermostat Operating State Command Class	COMMAND_CLASS_THERMOSTAT_OPERATING_STATE	Application	Active	0x42	2
Thermostat Setback Command Class	COMMAND_CLASS_THERMOSTAT_SETBACK	Application	Active	0x47	1
Thermostat Setpoint Command Class	COMMAND_CLASS_THERMOSTAT_SETPOINT	Application	Active	0x43	3
Time Command Class	COMMAND_CLASS_TIME	Application	Active	0x8A	2
Time Parameters Command Class	COMMAND_CLASS_TIME_PARAMETERS	Application	Active	0x8B	1
Transport Service Command Class	COMMAND_CLASS_TRANSPORT_SERVICE	Transport-Encapsulation	Active	0x55	2
User Code Command Class	COMMAND_CLASS_USER_CODE	Application	Active	0x63	1
Version Command Class	COMMAND_CLASS_VERSION	Management	Active	0x86	2
Wake Up Command Class	COMMAND_CLASS_WAKE_UP	Management	Active	0x84	2
Window Covering Command Class	COMMAND_CLASS_WINDOW_COVERING	Application	Active	0x6A	1
Z/IP Command Class	COMMAND_CLASS_ZIP	Network-Protocol	Active	0x23	3
Z/IP 6LoWPAN Command Class	COMMAND_CLASS_ZIP_6LOWPAN	Network-Protocol	Active	0x4F	1
Z/IP Gateway Command Class	COMMAND_CLASS_ZIP_GATEWAY	Network-Protocol	Active	0x5F	1
Z/IP Naming and Location Command Class	COMMAND_CLASS_ZIP_NAMING	Network-Protocol	Active	0x68	1
Z/IP ND Command Class	COMMAND_CLASS_ZIP_ND	Network-Protocol	Active	0x58	1
Z/IP Portal Command Class	COMMAND_CLASS_ZIP_PORTAL	Network-Protocol	Active	0x61	1
Z-Wave Plus Info Command Class	COMMAND_CLASS_ZWAVEPLUS_INFO	Management	Active	0x5E	2