



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.
2	Nicolas Obriot	05-04-2017	Updated Multilevel Sensor CC to version 11 Added the last update column and added data according to Open Review 2017A Added links to local specification files
3	Nicolas Obriot	05-07-2017	Moved IP Association and Z/IP Naming and location to the Management category Updated Last Update column after the 2017B Open Review

Command Class Name	Identifier	Category	status	value	Latest version	Last update	Additional comments
Alarm Command Class	COMMAND_CLASS_ALARM	Application	Deprecated	0x71	2	11-03-2017	Alarm has been renamed/overloaded by the Notification Command Class
Alarm Sensor Command Class	COMMAND_CLASS_SENSOR_ALARM	Application	Deprecated	0x9C	1	01-04-2016	
Alarm Silence Command Class	COMMAND_CLASS_SILENCE_ALARM	Application	Active	0x9D	1	-	
All Switch Command Class	COMMAND_CLASS_SWITCH_ALL	Application	Obsolete	0x27	1	01-04-2017	
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	01-07-2017	
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	01-07-2017	
Barrier Operator Command Class	COMMAND_CLASS_BARRIER_OPERATOR	Application	Active	0x66	1	01-07-2017	
Basic Command Class	COMMAND_CLASS_BASIC	Application	Active	0x20	2	01-04-2016	
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	01-04-2017	
Binary Sensor Command Class	COMMAND_CLASS_SENSOR_BINARY	Application	Deprecated	0x30	2	-	
Binary Switch Command Class	COMMAND_CLASS_SWITCH_BINARY	Application	Active	0x25	2	01-07-2017	
Binary Toggle Switch Command Class	COMMAND_CLASS_SWITCH_TOGGLE_BINARY	Application	Obsolete	0x28	1	01-04-2017	
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	01-04-2017	
Clock Command Class	COMMAND_CLASS_CLOCK	Application	Active	0x81	1	01-07-2017	
Color Switch Command Class	COMMAND_CLASS_SWITCH_COLOR	Application	Active	0x33	3	01-04-2017	
Configuration Command Class	COMMAND_CLASS_CONFIGURATION	Application	Active	0x70	4	01-07-2017	
Controller Replication Command Class	COMMAND_CLASS_CONTROLLER_REPLICATION	Application	Active	0x21	1	-	
CRC-16 Encapsulation Command Class	COMMAND_CLASS_CRC_16_ENCAP	Transport-Encapsulation	Deprecated	0x56	1	01-04-2017	
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	01-04-2016	
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	01-04-2017	
Geographic Location Command Class	COMMAND_CLASS_GEOGRAPHIC_LOCATION	Application	Active	0x6B	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	0x6A	1	-	
Inclusion Controller Command Class	COMMAND_CLASS_INCLUSION_CONTROLLER	Network-Protocol	Active	0x74	1	01-07-2017	
Indicator Command Class	COMMAND_CLASS_INDICATOR	Application	Active	0x87	2	-	
IP Association Command Class	COMMAND_CLASS_IP_ASSOCIATION	Management	Active	0x5C	1	01-07-2017	
IP Configuration Command Class	COMMAND_CLASS_IP_CONFIGURATION	Management	Obsolete	0x9A	1	01-04-2016	
Irrigation Command Class	COMMAND_CLASS_IRRIGATION	Application	Active	0x68	1	01-04-2017	
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	01-04-2016	
Mark (Support/Control Mark)	COMMAND_CLASS_MARK	N/A	Active	0xE	N/A	-	
Meter Command Class	COMMAND_CLASS_METER	Application	Active	0x32	5	01-04-2017	
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	01-07-2017	
Multi Channel Association Command Class	COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION	Management	Active	0x8E	3	01-07-2017	
Multi Command Command Class	COMMAND_CLASS_MULTI_CMD	Transport-Encapsulation	Active	0x8F	1	21-10-2016	
Multilevel Sensor Command Class	COMMAND_CLASS_SENSOR_MULTILEVEL	Application	Active	0x31	11	01-07-2017	
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	18-12-2016	
Network Management Inclusion Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_INCLUSION	Network-Protocol	Active	0x34	3	01-07-2017	
Network Management Installation and Maintenance Command Class	NETWORK_MANAGEMENT_INSTALLATION_MAINTENANCE	Network-Protocol	Active	0x67	2	01-07-2017	
Network Management Primary Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_PRIMARY	Network-Protocol	Obsolete	0x54	1	01-04-2017	
Network Management Proxy Command Class	COMMAND_CLASS_NETWORK_MANAGEMENT_PROXY	Network-Protocol	Active	0x52	2	18-12-2016	
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	01-07-2017	
Node Provisioning Command Class	COMMAND_CLASS_NODE_PROVISIONING	Network-Protocol	Active	0x78	1	01-07-2017	
Notification Command Class	COMMAND_CLASS_NOTIFICATION	Application	Active	0x71	8	01-07-2017	
Powerlevel Command Class	COMMAND_CLASS_POWERLEVEL	Network-Protocol	Active	0x73	1	01-01-2017	
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	4	01-04-2017	
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	01-04-2017	
Security 2 Command Class	COMMAND_CLASS_SECURITY_2	Transport-Encapsulation	Active	0x9F	1	01-07-2017	
Security Mark (Unsecure/Secure Mark)	COMMAND_CLASS_SECURITY_SCHEMED_MARK	N/A	Active	0xF100	N/A	-	
Sensor Configuration Command Class	COMMAND_CLASS_SENSOR_CONFIGURATION	Application	Obsolete	0x9E	1	01-07-2016	
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	08-12-2016	
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	01-07-2017	
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	08-12-2016	
User Code Command Class	COMMAND_CLASS_USER_CODE	Application	Active	0x63	1	01-04-2017	
Version Command Class	COMMAND_CLASS_VERSION	Management	Active	0x86	3	01-04-2017	
Wake Up Command Class	COMMAND_CLASS_WAKE_UP	Management	Active	0x84	2	01-04-2017	
Window Covering Command Class	COMMAND_CLASS_WINDOW_COVERING	Application	Active	0x6A	1	-	
Z/IP Command Class	COMMAND_CLASS_ZIP	Network-Protocol	Active	0x23	3	01-01-2017	
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	Management	Active	0x68	1	01-07-2017	
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	01-01-2017	