## **Dokumentation**

Errors OCPP Keys

OCPP Keys Mapping

OCPP REST

Modbus Slave Registers

## Modbus TCP Slave Protokollregister

Alle Daten werden in Netzwerk byte order/big endian übertragen.

Protokoll: Open Modbus Charge Control Interface (OMCCI) V

Reg. Typ	Adresse	Name	R/W	Nr. Regs.	Beschreibung
Holding	100	Firmware-Version	R	2	Returns the Ebee Application version nu $\{0x30, 0x2E, 0x39, 0x31\}$ 4.40 = $\{0x34, 0x32\}$
Holding	104	OCPP CP Status	R	1	Charge Point status according to the OC
Holding	105	Error Codes 1	R	2	Aggregated error states (see Spec. shee
Holding	107	Error Codes 2	R	2	Aggregated error states (see Spec. shee
Holding	109	Error Codes 3	R	2	Aggregated error states (see Spec. shee
Holding	111	Error Codes 4	R	2	Aggregated error states (see Spec. shee
Holding	120	Protocol Version	R	2	Ebee Modbus TCP Server Protocol Vers = {0x30, 0x2E, 0x36}).
Holding	122	Vehicle (Control Pilot) state	R	1	A=1, B=2, C=3, D=4, E=5
Holding	123	Vehicle (Control Pilot) state in Hex. format	R	1	A = 0x0A, B = 0x0B, etc.
Holding	124	Charge Point availability	R/W	1	Get/Set available/unavailable
Holding	131	Safe Current (Amps.)	R/W	1	Max. charge current under communicati
Holding	132	Comm. Timeout (seconds)	R/W	1	Communication timeout
Holding	133	Hardware current limit	R	1	
Holding	134	Operator current limit	R	1	
Holding	135	RCMB Mode	R	1	
Holding	136	RCMB Last RMS value (integral part)	R	1	
Holding	137	RCMB Last RMS value (fractional part)	R	1	
Holding	138	RCMB Last DC value (integral part)	R	1	

<u>Log</u>

		(Integral part)			
Holding	139	RCMB Last DC value (fractional part)	R	1	
Holding	140	Relays State	R	1	
Holding	141	Device ID	R	1	This register is a device identifier and al 0xEBEE (decimal 60398)
Holding	142	Modell der Ladestation	R	2	ChargePoint Model. Bytes 0 to 3.
Holding	144	Modell der Ladestation	R	2	ChargePoint Model. Bytes 4 to 7.
Holding	146	Modell der Ladestation	R	2	ChargePoint Model. Bytes 8 to 11.
Holding	148	Modell der Ladestation	R	2	ChargePoint Model. Bytes 12 to 15.
Holding	150	Modell der Ladestation	R	2	ChargePoint Model. Bytes 16 to 19.
Holding	152	Plug lock detect	R	1	Status of plug lock detection
Holding	153	Firmware-Version	R	1	Returns the Ebee Application major vers

Reg. Typ	Adresse	Name	R/W	Nr. Regs.	Beschreibung
Holding	154	Firmware-Version	R	1	Returns the Ebee Application minor vers
Holding	155	Firmware-Version	R	1	Returns the Ebee Application patch vers
Holding	156	Build Number	R	2	Returns the Ebee Application build num
Holding	158	Error Events 1	R	2	Aggregated error events (see Spec. she
Holding	160	Error Events 2	R	2	Aggregated error events (see Spec. she
Holding	162	Error Events 3	R	2	Aggregated error events (see Spec. she
Holding	164	Error Events 4	R	2	Aggregated error events (see Spec. she no error code $0x1$ System rebootir no error code $0x2$ Authorization fa no error code $0x4$ Authorization fa no error code $0x3$ Firmware updat no error code $0x10$ FW update par 01-02-017 $0x20$ Unintended Rese 01-02-018 $0x40$ Terminated transa no error code $0x80$ Slave disconne 01-03-005 $0x100$ Diagnostics faile 01-04-001 $0x200$ $15118$ communic 01-04-001 $0x400$ $15118$ communic 01-04-006 $0x1000$ $15118$ communic 01-04-008 $0x2000$ $15118$ communic 01-04-011 $0x4000$ $15118$ communic 01-04-012 $0x4000$ $15118$ authoriza 01-04-013 $0x1000$ $15118$ authentic 01-04-013 $0x2000$ $15118$ v2G Se 01-04-003 $0x8000$ $15118$ V2G Se 01-06-002 $0x8000$
Holding	166	Kostenloses Laden	R/W	1	0 = Free charging disabled, 1 = Free cha
Holding	167	Modus 'Kostenloses Laden'	R/W	1	Modes 0 to 5 (see Spec. sheet for detail
Holding	168	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 0 to :
Holding	170	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 4 to
Holding	172	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 8 to
Holding	174	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 12 to
Holding	176	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 16 to
Holding	178	Hersteller-Seriennummer	R	2	Manufacturer serial number. Bytes 20 to
5					,

Holding	180	Hersteller-Seriennummer	R	1	Manufacturer serial number. Byte 24 and
Holding	182	Phytec-Board temperature	R/W	2	Phytec-Board temperature from comtrax
Holding	184	Reservation expiry time (UTC)	R	2	Reservation expiry time (UTC)
Holding	186	GMT offset	R	1	GMT offset in minutes
Holding	200	Energy L1	R	2	Energy in Wh. (phase 1) from primary m
Holding	202	Energy L2	R	2	Energy in Wh. (phase 2) from primary m
Holding	204	Energy L3	R	2	Energy in Wh. (phase 3) from primary m
Holding	206	Power L1	R	2	Power in W (phase 1) from primary mete
Holding	208	Power L2	R	2	Power in W (phase 2) from primary mete
Holding	210	Power L3	R	2	Power in W (phase 3) from primary mete
Holding	212	Current L1	R	2	Current in mA (phase 1) from primary m

Holding     216     Current L3     R     2     Current in mA (phase 3) from primary refer       Holding     218     Total Foregry     R     2     Total Foregry in Wh. from primary meter       Holding     220     Total Power in Wh. from primary meter     Returns the voltage of phase 1 of the c       Holding     224     Voltage L3     R     2     Returns the voltage of phase 3 of the c       Holding     226     Voltage L3     R     2     Returns the voltage of phase 3 of the c       Holding     500     (Reserved)     R     1	Reg. Typ	Adresse	Name	R/W	Nr. Regs.	Beschreibung
Holding     218     Total Energy     R     2     Total Energy in Wh. from primary meter       Holding     220     Total Power     R     2     Total Power in Wh. from primary meter       Holding     222     Voltage L1     R     2     Returns the voltage of phase 2 of the c       Holding     226     Voltage L3     R     2     Returns the voltage of phase 2 of the c       Holding     500     (Reserved)     R     1       Holding     501     (Reserved)     R     1       Holding     503     (Reserved)     R     1       Holding     503     (Reserved)     R     1       Holding     506     (Reserved)     R     1       Holding     506     (Reserved)     R     1       Holding     508     (Reserved)     R     1       Holding     511     (Reserved)     R     1       Holding     610     DLM EVSE Sub- distribution Limit L1     R     1     Overail current limit for DLM available 1 distribution Limit L2 <tr< td=""><td>Holding</td><td>214</td><td>Current L2</td><td>R</td><td>2</td><td>Current in mA (phase 2) from primary m</td></tr<>	Holding	214	Current L2	R	2	Current in mA (phase 2) from primary m
Holding     220     Total Power     R     2     Total Power in Wh. from primary meter       Holding     222     Voltage L1     R     2     Returns the voltage of phase 1 of the c       Holding     224     Voltage L2     R     2     Returns the voltage of phase 2 of the c       Holding     500     (Reserved)     R     1     1       Holding     502     (Reserved)     R     1     1       Holding     503     (Reserved)     R     1     1       Holding     504     (Reserved)     R     1     1       Holding     505     (Reserved)     R     1     1       Holding     506     (Reserved)     R     1     1     1       Holding     509     (Reserved)     R     1     1     1     1       Holding     610     DLM Mode     R     1     1     1     1     1     1     1     1     1     1     1     1     1     1	Holding	216	Current L3	R	2	Current in mA (phase 3) from primary m
Holding   222   Voltage L1   R   2   Returns the voltage of phase 1 of the c     Holding   224   Voltage L2   R   2   Returns the voltage of phase 2 of the c     Holding   226   Voltage L3   R   2   Returns the voltage of phase 3 of the c     Holding   500   (Reserved)   R   1	Holding	218	Total Energy	R	2	Total Energy in Wh. from primary meter
Holding   224   Voltage L2   R   2   Returns the voltage of phase 2 of the of Holding     Holding   500   (Reserved)   R   1     Holding   501   (Reserved)   R   1     Holding   502   (Reserved)   R   1     Holding   503   (Reserved)   R   1     Holding   503   (Reserved)   R   1     Holding   504   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   501   (Reserved)   R   1     Holding   511   (Reserved)   R   1     Holding   610   DLM Mode   R   1   Overall current limit for DLM available 1     Holding   611   DLM EVSE Sub-   R   1   Overall current limit for DLM available 1     Holding   613   DLM Operator EVSE   RW   1   Operator current limit for DLM a	Holding	220	Total Power	R	2	Total Power in Wh. from primary meter
Holding226Volage L3R2Returns the voltage of phase 3 of the cHolding500(Reserved)R1Holding501(Reserved)R1Holding502(Reserved)R1Holding503(Reserved)R1Holding505(Reserved)R1Holding505(Reserved)R1Holding505(Reserved)R1Holding506(Reserved)R1Holding507(Reserved)R1Holding509(Reserved)R1Holding509(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Holding611DLM EVSE Sub- distribution Limit L1R1Holding612DLM EVSE Sub- distribution Limit L2R1Holding613DLM Operator EVSE Sub-distribution Limit L2RW1Holding614DLM Operator EVSE sub-distribution Limit L2RW1Holding620DLM Operator EVSE sub-distribution Limit L2R1Holding621DLM Operator EVSE sub-distribution Limit L2R1Holding631DLM Overall Current applied L2R1Operator curre	Holding	222	Voltage L1	R	2	Returns the voltage of phase 1 of the oc
Holding   500   (Reserved)   R   1     Holding   501   (Reserved)   R   1     Holding   502   (Reserved)   R   1     Holding   503   (Reserved)   R   1     Holding   504   (Reserved)   R   1     Holding   505   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   507   (Reserved)   R   1     Holding   509   (Reserved)   R   1     Holding   510   (Reserved)   R   1     Holding   610   DLM EVSE Sub- distribution Limit L1   R   1   Overall current limit for DLM available 1     Holding   611   DLM EVSE Sub- distribution Limit L2   RW   1   Operator current limit for DLM available 1     Holding   612   DLM Operator EVSE Sub-distribution Limit L3   RW   1   Operator current limit for DLM available 1     Holding   615   DLM Operator EVSE Sub	Holding	224	Voltage L2	R	2	Returns the voltage of phase 2 of the oc
Holding     501     (Reserved)     R     1       Holding     502     (Reserved)     R     1       Holding     503     (Reserved)     R     1       Holding     504     (Reserved)     R     1       Holding     506     (Reserved)     R     1       Holding     506     (Reserved)     R     1       Holding     507     (Reserved)     R     1       Holding     509     (Reserved)     R     1       Holding     510     (Reserved)     R     1       Holding     511     (Reserved)     R     1       Holding     510     (Reserved)     R     1       Holding     610     DLM EVSE Sub- distribution Limit L1     R     1     Overall current limit for DLM available 1       Holding     612     DLM EVSE Sub- distribution Limit L2     R/W     1     Operator current limit for DLM available 1       Holding     613     DLM Operator EVSE Sub-distribution Limit L2     R/W     1     Op	Holding	226	Voltage L3	R	2	Returns the voltage of phase 3 of the oc
Holding502(Reserved)R1Holding503(Reserved)R1Holding504(Reserved)R1Holding505(Reserved)R1Holding505(Reserved)R1Holding506(Reserved)R1Holding507(Reserved)R1Holding508(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding511(Reserved)R1Holding610DLM EVSE Sub- distribution Limit L1R1Holding611DLM EVSE Sub- distribution Limit L2R1Holding612DLM Operator EVSE Sub-distribution Limit L2R/W1Holding613DLM Operator EVSE Sub-distribution Limit L2R/W1Holding614DLM Operator EVSE Sub-distribution Limit L2R/W1Holding613DLM Operator EVSE Sub-distribution Limit L2R/W1Holding614DLM Operator EVSE Sub-distribution Limit L2R/W1Holding613DLM Operator EVSE Sub-distribution Limit L2R/W1Holding614DLM Operator EVSE Sub-distribution Limit L3R/W1Holding615DLM Overall Current (A)Nen Externed disabled	Holding	500	(Reserved)	R	1	
Holding503[Reserved)R1Holding504(Reserved)R1Holding505(Reserved)R1Holding506(Reserved)R1Holding507(Reserved)R1Holding508(Reserved)R1Holding509(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding511(Reserved)R1Holding600DLM ModeR1Holding610DLM EVSE Sub- distribution Limit L1R1Holding611DLM EVSE Sub- distribution Limit L2R1Holding612DLM EVSE Sub- distribution Limit L2R1Holding613DLM Operator EVSE Sub-RW1Operator current limit for DLM available distribution Limit L2Holding614DLM Operator EVSE Sub-RW1Operator current limit for DLM available Sub-distribution Limit L2Holding615DLM Operator EVSE Sub-RW1Operator current limit for DLM available Sub-distribution Limit L2Holding615DLM Operator EVSE Sub-RW1Operator current limit for DLM available Sub-distribution Limit L2Holding615DLM Operator EVSE Sub-RW1Operator current limit for DLM available Sub-distribution Limit L2Holding614<	Holding	501	(Reserved)	R	1	
Holding   504   (Reserved)   R   1     Holding   505   (Reserved)   R   1     Holding   506   (Reserved)   R   1     Holding   507   (Reserved)   R   1     Holding   509   (Reserved)   R   1     Holding   509   (Reserved)   R   1     Holding   510   (Reserved)   R   1     Holding   511   (Reserved)   R   1     Holding   610   DLM EVSE Sub-   R   1   Overall current limit for DLM available 1     Holding   611   DLM EVSE Sub-   R   1   Overall current limit for DLM available 1     distribution Limit L1    1   Overall current limit for DLM available 1   distribution Limit L3     Holding   613   DLM Operator EVSE   RW   1   Operator current limit for DLM available 1     distribution Limit L1   Sub-distribution Limit L2   1   Operator current limit for DLM available 1     Holding   614   DLM Operator EVSE   RW   1   Operator current limit for DLM av	Holding	502	(Reserved)	R	1	
Holding505(Reserved)R1Holding506(Reserved)R1Holding507(Reserved)R1Holding508(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Holding610DLM EVSE Sub- distribution Limit L1R1Holding611DLM EVSE Sub- distribution Limit L2R1Holding612DLM EVSE Sub- distribution Limit L3R1Holding613DLM Operator EVSE Sub-distribution Limit L3NNHolding614DLM Operator EVSE Sub-distribution Limit L1NNNHolding615DLM Operator EVSE Sub-distribution Limit L2NNNNHolding616DLM Operator EVSE Sub-distribution Limit L3R1NNNHolding613DLM Operator EVSE Sub-distribution Limit L3R1NNNHolding614DLM Operator EVSE Sub-distribution Limit L3R1NNNHolding615DLM Operator EVSE Sub-distribution Limit L3R1NNNHolding	Holding	503	(Reserved)	R	1	
Holding506(Reserved)R1Holding507(Reserved)R1Holding508(Reserved)R1Holding509(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Holding610DLM EVSE Sub-R1Holding611DLM EVSE Sub-R1Holding612DLM EVSE Sub-R1Holding612DLM EVSE Sub-R1Holding613DLM EVSE Sub-R1Holding613DLM Operator EVSERW1Sub-distribution Limit L1N1Operator current limit for DLM available for distribution Limit L2Holding614DLM Operator EVSERW1Sub-distribution Limit L2N1Operator current limit for DLM available for Sub-distribution Limit L3Holding614DLM Operator EVSERW1Operator current limit for DLM available for Sub-distribution Limit L3N1Holding620DLM Number of SlavesR1Holding630DLM Overall CurrentR1GasaDLM Overall CurrentR1Overall Current (A) the DLM Master is current distributed among the slaves)Holding631DLM Overall CurrentR <t< td=""><td>Holding</td><td>504</td><td>(Reserved)</td><td>R</td><td>1</td><td></td></t<>	Holding	504	(Reserved)	R	1	
Holding507(Reserved)R1Holding508(Reserved)R1Holding509(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Holding610DLM EVSE Sub- distribution Limit L1R1Holding611DLM EVSE Sub- distribution Limit L2R1Holding612DLM EVSE Sub- distribution Limit L3R1Holding613DLM EVSE Sub- distribution Limit L1R1Holding613DLM Operator EVSE Sub-distribution Limit L1R/W1Holding614DLM Operator EVSE Sub-distribution Limit L3R/W1Holding615DLM Operator EVSE Sub-distribution Limit L3R/W1Holding620DLM External Meter supportR1Holding630DLM Overall Current applied L1R1Holding631DLM Overall Current applied L3R1Holding633DLM Overall Current available L2R1Holding634DLM Overall Current applied L3R1Holding632DLM Overall Current available L2R1Holding633DLM Overall Current available L2R1Holding634DLM O	Holding	505	(Reserved)	R	1	
Holding   508   (Reserved)   R   1     Holding   509   (Reserved)   R   1     Holding   510   (Reserved)   R   1     Holding   511   (Reserved)   R   1     Holding   512   (Reserved)   R   1     Holding   600   DLM EVSE Sub- distribution Limit L1   R   1   Overall current limit for DLM available 1 distribution Limit L2     Holding   611   DLM EVSE Sub- distribution Limit L2   R   1   Overall current limit for DLM available 1 distribution Limit L3     Holding   613   DLM Operator EVSE Sub-distribution Limit L1   R/W   1   Operator current limit for DLM available Sub-distribution Limit L2     Holding   614   DLM Operator EVSE Sub-distribution Limit L3   R/W   1   Operator current limit for DLM available Sub-distribution Limit L3     Holding   615   DLM Operator EVSE Sub-distribution Limit L3   R/W   1   Operator current limit for DLM available Sub-distribution Limit L3     Holding   620   DLM External Meter support   R   1   Value of this register is 1 when Externa disabled     Holding   631   DL	Holding	506	(Reserved)	R	1	
Holding509(Reserved)R1Holding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Holding610DLM EVSE Sub-R1Holding611DLM EVSE Sub-R1Holding611DLM EVSE Sub-R1Holding612DLM EVSE Sub-R1Holding613DLM EVSE Sub-R1Holding613DLM Operator EVSERW1Holding614DLM Operator EVSERW1Sub-distribution Limit L1Nub-distribution Limit L21Holding614DLM Operator EVSERW1Holding615DLM Operator EVSERW1Sub-distribution Limit L3R11Holding620DLM Evternal MeterR1Sub-distribution Limit L3R11Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding631DLM Overall CurrentR1Holding </td <td>Holding</td> <td>507</td> <td>(Reserved)</td> <td>R</td> <td>1</td> <td></td>	Holding	507	(Reserved)	R	1	
Helding510(Reserved)R1Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Indicates the DLM mode configured for distribution Limit L1R1Holding610DLM EVSE Sub- distribution Limit L2R1Holding611DLM EVSE Sub- distribution Limit L2R1Holding612DLM EVSE Sub- distribution Limit L3R1Holding613DLM Operator EVSE Sub-distribution Limit L4R/W1Holding614DLM Operator EVSE Sub-distribution Limit L2R/W1Holding615DLM Operator EVSE Sub-distribution Limit L3R/W1Holding616DLM Operator EVSE Sub-distribution Limit L3R/W1Holding620DLM Number of Slaves connectedR1Holding621DLM Number of Slaves connectedR1Overall Current (A) the DLM Master is current distributed among the slaves)Holding631DLM Overall Current applied L1R1Overall Current (A) the DLM Master is arapiled L3Holding633DLM Overall Current applied L3R1Overall Current (A) the DLM Master is arong the slaves)Holding634DLM Overall Current available L1R1Overall Current (A) the DLM Master ha among the slavesHolding635DLM Overall Current available L1<	Holding	508	(Reserved)	R	1	
Holding511(Reserved)R1Holding512(Reserved)R1Holding600DLM ModeR1Indicates the DLM mode configured for distribution Limit L1Holding610DLM EVSE Sub- distribution Limit L2R1Overall current limit for DLM available 1 distribution Limit L2Holding611DLM EVSE Sub- distribution Limit L3R1Overall current limit for DLM available 1 distribution Limit L3Holding612DLM EVSE Sub- distribution Limit L3R1Operator current limit for DLM available 1 distribution Limit L3Holding613DLM Operator EVSE Sub-distribution Limit L1R/W1Operator current limit for DLM available Sub-distribution Limit L2Holding615DLM Operator EVSE Sub-distribution Limit L3R/W1Operator current limit for DLM available Sub-distribution Limit L3Holding620DLM External Meter supportR1The number of DLM Slaves connected connectedHolding630DLM Overall Current applied L1R1Overall Current (A) the DLM Master is current distributed among the slaves)Holding633DLM Overall Current available L1R1Overall Current (A) the DLM Master is current distributed among the slaves)Holding634DLM Overall Current available L1R1Overall Current (A) the DLM Master is among the slavesHolding633DLM Overall Current available L2R1Overall	Holding	509	(Reserved)	R	1	
Holding512(Reserved)R1Holding600DLM ModeR1Indicates the DLM mode configured for distribution Limit L1Holding610DLM EVSE Sub- distribution Limit L2R1Overall current limit for DLM available 1 distribution Limit L2Holding612DLM EVSE Sub- distribution Limit L3R1Overall current limit for DLM available 1 distribution Limit L2Holding613DLM Operator EVSE Sub-distribution Limit L1R/W1Operator current limit for DLM available 1 distribution Limit L1Holding614DLM Operator EVSE Sub-distribution Limit L2R/W1Operator current limit for DLM available 1 distribution Limit L1Holding615DLM Operator EVSE Sub-distribution Limit L2R/W1Operator current limit for DLM available 1 distribution Limit L3Holding615DLM Operator EVSE Sub-distribution Limit L3R/W1Operator current limit for DLM available 1 disabledHolding615DLM Operator EVSE Sub-distribution Limit L3R/W1Operator current limit for DLM available 1 disabledHolding620DLM External Meter supportR1Value of this register is 1 when Externa disabledHolding631DLM Overall Current applied L1R1Overall Current (A) the DLM Master is current distributed among the slaves)Holding632DLM Overall Current available L2R1Overall Current (A) the DLM Master is among the slaves<	Holding	510	(Reserved)	R	1	
Holding600DLM ModeR1Indicates the DLM mode configured forHolding610DLM EVSE Sub- distribution Limit L1R1Overall current limit for DLM available for distribution Limit L2Holding611DLM EVSE Sub- distribution Limit L2R1Overall current limit for DLM available for distribution Limit L3Holding612DLM EVSE Sub- distribution Limit L3R1Overall current limit for DLM available for distribution Limit L3Holding613DLM Operator EVSE Sub-distribution Limit L2R/W1Operator current limit for DLM available sub-distribution Limit L2Holding614DLM Operator EVSE Sub-distribution Limit L2R/W1Operator current limit for DLM available sub-distribution Limit L3Holding615DLM Operator EVSE Sub-distribution Limit L3R/W1Operator current limit for DLM available sub-distribution Limit L3Holding615DLM Operator EVSE sub-distribution Limit L3R/W1Operator current limit for DLM available disabledHolding620DLM Operator EVSE supportR/W1Operator current limit for DLM available disabledHolding630DLM Overall Current applied L2R1The number of DLM Slaves connected current (A) the DLM Master is current distributed among the slaves)Holding631DLM Overall Current applied L2R1Overall Current (A) the DLM Master is current distributed among the slaves)Holding633DLM Over	Holding	511	(Reserved)	R	1	
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available L3   among the slaves     Holding   701   Scheduled Time (format is `h (hhmmss))     Holding   703   Scheduled Date   R   2   Scheduled departure time (format is `h packed BCD with left zero padding) – 1     Holding   703   Scheduled Date   R   2   Scheduled departure time (format is `d packed BCD with left zero padding) – 1	Holding	634		R	1	Overall Current (A) the DLM Master has among the slaves
(hhmmss)packed BCD with left zero padding) – 1Holding 703Scheduled DateR2Scheduled departure time (format is `d	Holding	635		R	1	Overall Current (A) the DLM Master has among the slaves
5	Holding	701		R	2	Scheduled departure time (format is `hh packed BCD with left zero padding) – 15
	Holding	703		R	2	Scheduled departure time (format is `dd packed BCD with left zero padding) – 15

Reg. Typ	Adresse	Name	R/W	Nr. Regs.	Beschreibung
Holding	705	(deprecated) Charged Energy	R	1	Sum of charged energy for the current s
Holding	706	Angebotener Strom	R	1	The maximum current that's being signa
Holding	707	Start Time (hhmmss)	R	2	Start time of charging process
Holding	709	(deprecated) Charging Duration (seconds)	R	1	Duration since beginning of charge
Holding	710	End Time (hhmmss)	R	2	End time of charging process
Holding	712	Minimum current limit	R	1	Minimum current limit for charging
Holding	713	EV Required Energy (Wh)	R	2	Returns the amount of energy in Wh rec
Holding	715	Max. Current EV	R	1	This is the maximum current with which
Holding	716	Charged Energy	R	2	Sum of charged energy for the current s
Holding	718	Charging Duration (seconds)	R	2	Duration since beginning of charge
Holding	720	User ID	R	2	User ID (OCPP IdTag) from the current :
Holding	722	User ID	R	2	User ID (OCPP IdTag) from the current :
Holding	724	User ID	R	2	User ID (OCPP IdTag) from the current :
Holding	726	User ID	R	2	User ID (OCPP IdTag) from the current :
Holding	728	User ID	R	2	User ID (OCPP IdTag) from the current :
Holding	730	EV Battery State (% 0- 100)	R	1	Returns an estimate of the SoC
Holding	740	15118 Smart vehicle detected	R	1	Returns 1 if an EV currently connected i EV connected or it is not a smart vehicle
Holding	741	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values EVCCID. Bytes 0 to 3.
Holding	743	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values EVCCID. Bytes 4 to 7.
Holding	745	EVCCID - 15118 only	R	2	ASCII representation of the Hex. Values EVCCID. Bytes 8 to 11.
Holding	747	Remaining time to full SoC - 15118 only	R	2	Returns the remaining time in seconds t
Holding	749	ls in charging loop - 15118 only	R	1	Returns 1 if the EV/EVSE are on a char
Holding	752	Auth. source	R	1	Source of authorization (RFID, Input, R $\epsilon$ Power Loss )
Holding	1000	Hems Current Limit (A)	R/W	1	Current limit of the HEMS module in Am
Holding	1110	User ID	W	2	Write user ID (OCPP IdTag) for the curre
Holding	1112	User ID	W	2	Write user ID (OCPP IdTag) for the curre
Holding	1114	User ID	W	2	Write user ID (OCPP IdTag) for the curre
Holding	1116	User ID	W	2	Write user ID (OCPP IdTag) for the curre
Holding	1118	User ID	W	2	Write user ID (OCPP IdTag) for the curre

Holding 1118 User ID W 2 Write

Write user ID (OCPP Id lag) for the curre

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