

DUO (prod. date ≥ 2022), SOLO: Modbus registers

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- To activate Modbus, please refer to the Ducto Guide.
- Port: 502

Function	Type	Address DEC	Address HEX	Length	Description
Absolute power	Holding	0	0x0000	1	Unsigned Integer, 100 W steps Will be used instead of relative power if written.
Relative power	Holding	1	0x0001	1	Integer, % of rated power Will be used instead of absolute power if written.
Max. unbalanced current	Holding	2	0x0002	1	Integer, 0,1A, $I \geq 20$, Default 20 A
Absolute fallback power	Holding	3	0x0003	1	Unsigned Integer, 100 W steps Will be used instead of relative fallback power if written.
Relative fallback power	Holding	4	0x0004	1	Integer, % of rated power Will be used instead of absolute fallback power if written.
Seconds until fallback	Holding	5	0x0005	1	Integer
Firmware version	Input	6	0x0006	2	Major $\ll 8$ Minor, e.g.: Version 6.4.1, Register 0x06: 0x0100, Register 0x07: 0x0604
Number of connectors	Input	8	0x0008	1	Integer
Actual power	Input	9	0x0009	1	Unsigned Integer, 100 W steps
Current phase 1	Input	10	0x000A	1	Integer, 0,1 A steps
Current phase 2	Input	11	0x000B	1	Integer, 0,1 A steps
Current phase 3	Input	12	0x000C	1	Integer, 0,1 A steps
Used power	Input	13	0x000D	1	Unsigned Integer, 100 W steps
Hardware type	Input	14	0x000E	1	Integer 1: P4 2: P51 with PM51 3: P52
Hardware revision	Input	15	0x000F	1	Board revision $\ll 8$ Power-Module Version, e.g.: P51 with PM51, revision P51: 13, revision

SerialNumber	Input	32	0x0020	16	String
VehicleNumber	Input	48	0x0030	16	String
Maximum power (single or right connector)	Holding	256	0x0100	1	Unsigned Integer, 100 W steps
Status word (single or right connector)	Input	257	0x0101	1	Bit 0: Active Bit 1: Charging Bit 2: Limited Bit 3: Error
Actual power (single or right connector)	Input	258	0x0102	1	Unsigned Integer, 100 W steps
Current phase 1 (single or right connector)	Input	259	0x0103	1	Integer, 0,1 A steps
Current phase 2 (single or right connector)	Input	260	0x0104	1	Integer, 0,1 A steps
Current phase 3 (single or right connector)	Input	261	0x0105	1	Integer, 0,1 A steps
Conditions charged (single or right connector)	Input	262	0x0106	2	Integer
Energy charged (single or right connector)	Input	264	0x0108	1	Unsigned Integer 100 Wh steps Not for billing purposes
ChargePointErrorCode (single or right connector)	Input	267	0x010B	1	Integer (cf. OCPP 1.6 edition 2, Chapter 7.6) 0: N/A 1: ConnectorLockFailure 2: GroundFailure 6: LocalListConflict 7: NoError 8: OtherError 9: OverCurrentFailure 11: PowerMeterFailure 12: PowerSwitchFailure

ChargePointStatus (single or right connector)	Input	268	0x010C	1	Integer (cf. OCPP 1.6 edition 2, Chapter 7.7) 0: Available 1: Preparing 2: Charging 3: Suspended EVSE 4: Suspended EV 5: Finishing 6: Reserved 7: Unavailable 8: Faulted
Tag (single or right connector)	Input	4096	0x1000	10	String, 2 characters per register
Derating status (single or right connector)	Input	4106	0x100A	1	0: No derating 1: First derating level 2: Second derating level 3: Charging paused to due overtemperature 4: Sensor error
Voltage phase 1 (single or right connector)	Input	269	0x010D	1	Integer
Voltage phase 2 (single or right connector)	Input	270	0x010E	1	Integer
Voltage phase 3 (single or right connector)	Input	271	0x010F	1	Integer
Relative power (left connector)	Holding	272	0x0110	1	Unsigned Integer, 100 W steps
Status word (left connector)	Input	273	0x0111	1	Bit 0: Active Bit 1: Charging Bit 2: Limited Bit 3: Error
Actual power (left connector)	Input	274	0x0112	1	Unsigned Integer, 100 W steps
Current phase 1 (left connector)	Input	275	0x0113	1	Integer, 0,1 A steps

nnector)					
rrent phase 3 (left nnector)	Input	277	0x0115	1	Integer, 0,1 A steps
conds charged (left nnector)	Input	278	0x0116	2	Integer
ergy charged (left nnector)	Input	280	0x0118	1	Unsigned Integer 100 Wh steps Not for billing purposes
argePointErrorCod left connector)	Input	283	0x011B	1	Integer (cf. OCPP 1.6 edition 2, Chapter 7.6) 0: N/A 1: ConnectorLockFailure 2: GroundFailure 6: LocalListConflict 7: NoError 8: OtherError 9: OverCurrentFailure 11: PowerMeterFailure 12: PowerSwitchFailure 15: UnderVoltage
argePointStatus ft connector)	Input	284	0x011C	1	Integer (cf. OCPP 1.6 edition 2, Chapter 7.7) 0: Available 1: Preparing 2: Charging 3: Suspended EVSE 4: Suspended EV 5: Finishing 6: Reserved 7: Unavailable 8: Faulted
ltage phase 1 (left nnector)	Input	285	0x011D	1	Integer

connector)					
Itage phase 3 (left connector)	Input	287	0x011F	1	Integer
tag (left connector)	Input	4112	0x1010	10	String, 2 characters per register