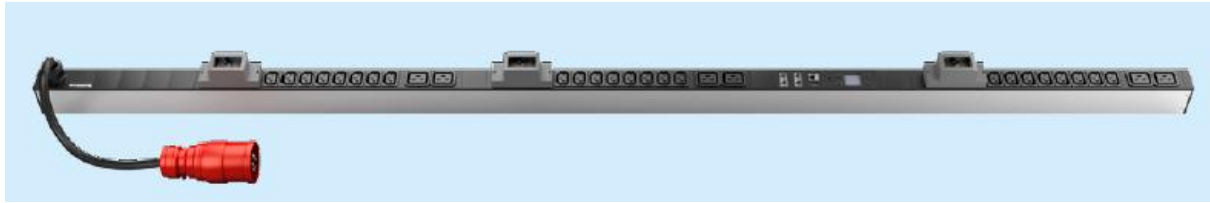


Smart PDU Sortiment iQdata Power



Similar to figure. For dimensioned drawing, see page 5

Dimensions

Width (W)	44 mm (1HU)
Breadth (B)	65 mm (incl. 40 mm for LS switch at 32 A type)
Length (L)	L

Ambient conditions

Maximum height	0 - 3,000 m
Temperature (operating / storage)	-5 – 60 °C / -15 – 85 °C
Relative humidity	5 – 95 % RH. Non condensing

Connection characteristics

Connector plug	As per IEC60309
Cross section	2.5 mm ² / 4 mm ² **
Connecting wire	3 m H05VV-F

Material

Housing	Aluminium anodised
Outlets & covers	PA66

Technical characteristics

Own consumption	< 4 W
Display	RGB OLED 128x128Pixel (rotatable to 90° by software)
Interfaces	1x 10/100Mbit (only M version), 2x Modbus, 2x sensor ports
Fuse monitoring	**
Cascading	Up to 11 Slaves (S) to one master (M) PDU
MTBF	80,000 h (40 °C)
Protection class	IP20
Protection category	3
Degree of contamination	2
Overvoltage class	II

RCM	
Type	B (sensitive to all current types)
Supply voltage	DC 6.8...7.2 V
RCM threshold In 1	AC/DC 30 mA
RCM threshold In 2	AC/DC 3.5 mA
RCM threshold In 3	AC/DC 3.5...100 mA (15 mA = factory setting)
RCM threshold In 4	DC 6...100 mA (6 mA = factory setting)
Rated frequency type B	DC...2000 Hz
Measurement time	180 ms

Switching and measurement functions	
MI	Measurement per phase
MIO	Measurement per phase and output
MIS	Measurement per phase and switching per output
MIOS	Measurement per phase and output, as well as switching per output
Measured values	Current, voltage, frequency, active power, active energy*, apparent power, power factor, N phase current**
Resolution - current/voltage	0.1
Measuring accuracy	1 %
Measurement range for current	0-32 A

Communication protocols (only master version)	
HTTP, HTTPS, SSL, SSH, NTP, Telnet, IPv4 and v6, DHCP, DNS, NTP, Syslog, SNMP v1, v2c and v3, SMTP ModBus TCP, Modbus RTU, LDAP	
A slave PDU communicates only via Modbus with a master PDU All measured values can be requested via the master PDU.	

Standards / guidelines / approvals	
Safety guideline	2006/95/EC
EMC guideline	2004/108/EC
Conformity	CE, RoHS

Scope of delivery	
1x	PDU
1x	Multiple fixing set
1x	Commissioning instructions

* Two active energy meters, one resettable

** Only for version in 32 A

		Article name	Voltage (V)	Input	C13	C19	LS [circuit breaker]	H (mm)	(RCM)	Master (M)	Slave (S)							
1Phase	16 A	MI	230	CEE 16 A blue	24	3		1,532	✓	7804000	7804500							
									7804010	7804510								
		MIS						1,523	✓	7804002	7804502							
									7804012	7804512								
		MIO						1,523	✓	7804004	7804504							
				7804014	7804514													
		MIOS					1,523	✓	7804006	7804506								
								✓	7804016	7804516								
3 phases	16 A	MI	230 (400)	CEE 16 A Red	36			1,762	✓	7804020	7804520							
									7804030	7804530								
		MIS						1,817.5	✓	7804022	7804522							
									7804032	7804532								
		MIO						1,817.5	✓	7804024	7804524							
					7804034	7804534												
			MIOS					1,817.5	✓	7804026	7804526							
									✓	7804036	7804536							
			MI	230 (400)	CEE 16 A Red	24	3		1,532	✓	7804040	7804540						
										7804050	7804550							
			MIS						1,762	✓	7804042	7804542						
										7804052	7804552							
			MIO						1,762	✓	7804044	7804544						
												7804054	7804554					
										MIOS					1,762	✓	7804046	7804546
															✓	7804056	7804556	
									MI	230 (400)	CEE 16 A Red	42			1,817.5	✓	7804060	7804560
																7804070	7804570	
	MIS	1,945*		✓	7804062	7804562												
				7804072	7804572													
	MIO	1,945*		✓	7804064	7804564												
								✓	7804074	7804574								
		MIOS					1,945*	✓	7804066	7804566								
								✓	7804076	7804576								

		Article name	Voltage: (V)	Input	C13	C19	LS [circuit breaker]	H (mm)	(RCM)	Master (M)	Slave (S)							
1Phase	32 A	MI	230	CEE 32 A Blue	24	6	2	1,532		7804080	7804580							
									✓	7804090	7804590							
		MIS						1-32/24-6	230	CEE 32 A Blue	24	6	2	1,762		7804082	7804582	
															✓	7804092	7804592	
		MIO												1,762		7804084	7804584	
	✓	7804094	7804594															
MIOS	1,762		7804086	7804586														
								✓	7804096	7804596								
3 phases	32 A	MI	230 (400)	CEE 32 A Red	36		6	1.945*		7804100	7804600							
									✓	7804110	7804610							
		MIS						3-32/36-0	230 (400)	CEE 32 A Red	36	6	6	2.037*		7804102	7804602	
															✓	7804112	7804612	
		MIO												2.037*		7804104	7804604	
		✓	7804114	7804614														
	MIOS	2.037*		7804106	7804606													
									✓	7804116	7804616							
			MI	230 (400)	CEE 32 A Red	24	6	6	1,817.5		7804120	7804620						
										✓	7804130	7804630						
			MIS						3-32/24-6	230 (400)	CEE 32 A Red	24	6	6	1.945*		7804122	7804622
																✓	7804132	7804632
			MIO												1.945*		7804124	7804624
									✓	7804134	7804634							
			MIOS						1.945*		7804126	7804626						
															✓	7804136	7804636	
									MI	230 (400)	CEE 32 A Red	42		6	2.170*		7804140	7804640
																✓	7804150	7804650
	MIS	3-32/42-0		230 (400)	CEE 32 A Red	42	6	6	2.170*							7804142	7804642	
															✓	7804152	7804652	
	MIO								2.170*							7804144	7804644	
	✓	7804154	7804654															
MIOS	2.170*		7804146	7804646														
								✓	7804156	7804656								

*Please consider the required cabinet height. Minimum 2,200mm (IS-1 47U)

Dimensioned drawing

