

ACEAN - DVH5 : Data Meter-Bus

Fixed data block :

Meter-Bus interface identification = 8 last digits of serial number of the meter (Context 0)

ID manufacturer = 3 last block-letter of the manufacturer login (Context 0)

Version-number of the Meter-bus interface = 0x00

Medium = 0x02 (electricity)

Access number = 0x00, then incremented by 1 for each new packet sent by the meter

Meter-Bus- interface status = 0x00

Signature = 0x0000

Variable data block :

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative P+ tariff 1 (Wh)	read CI = 0x72	0x86	0x10		0x83	0xFF	0x80	0xFF	0x00		Whole number 48 bits
Index cumulative P- tariff 1 (Wh)	read CI = 0x72	0x86	0x10		0x83	0xFF	0x81	0xFF	0x00		Whole number 48 bits
Index cumulative Q1 tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xA0	0xFF	0x00	Whole number 48 bits
Index cumulative Q2 tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xA1	0xFF	0x00	Whole number 48 bits
Index cumulative Q3 tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xA2	0xFF	0x00	Whole number 48 bits
Index cumulative Q4 tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xA3	0xFF	0x00	Whole number 48 bits
Index cumulative S+ tariff 1 (VAh)	read CI = 0x72	0x86	0x90	0x40	0xFF	0x96	0xFF	0x80	0xFF	0x00	Whole number 48 bits
Index cumulative S- tariff 1 (VAh)	read CI = 0x72	0x86	0x90	0x40	0xFF	0x96	0xFF	0x81	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative P+ tariff 2 (Wh)	read CI = 0x72	0x86	0x20		0x83	0xFF	0x80	0xFF	0x00		Whole number 48 bits
Index cumulative P- tariff 2 (Wh)	read CI = 0x72	0x86	0x20		0x83	0xFF	0x81	0xFF	0x00		Whole number 48 bits
Index cumulative Q1 tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xA0	0xFF	0x00	Whole number 48 bits
Index cumulative Q2 tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xA1	0xFF	0x00	Whole number 48 bits
Index cumulative Q3 tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xA2	0xFF	0x00	Whole number 48 bits
Index cumulative Q4 tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xA3	0xFF	0x00	Whole number 48 bits
Index cumulative S+ tariff 2 (VAh)	read CI = 0x72	0x86	0xA0	0x40	0xFF	0x96	0xFF	0x80	0xFF	0x00	Whole number 48 bits
Index cumulative S- tariff 2 (VAh)	read CI = 0x72	0x86	0xA0	0x40	0xFF	0x96	0xFF	0x81	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative P+ tariff 3 (Wh)	read CI = 0x72	0x86	0x30		0x83	0xFF	0x80	0xFF	0x00		Whole number 48 bits
Index cumulative P- tariff 3 (Wh)	read CI = 0x72	0x86	0x30		0x83	0xFF	0x81	0xFF	0x00		Whole number 48 bits
Index cumulative Q1 tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xA0	0xFF	0x00	Whole number 48 bits
Index cumulative Q2 tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xA1	0xFF	0x00	Whole number 48 bits
Index cumulative Q3 tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xA2	0xFF	0x00	Whole number 48 bits
Index cumulative Q4 tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xA3	0xFF	0x00	Whole number 48 bits
Index cumulative S+ tariff 3 (VAh)	read CI = 0x72	0x86	0xB0	0x40	0xFF	0x96	0xFF	0x80	0xFF	0x00	Whole number 48 bits
Index cumulative S- tariff 3 (VAh)	read CI = 0x72	0x86	0xB0	0x40	0xFF	0x96	0xFF	0x81	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative P+ tariff 4 (Wh)	read CI = 0x72	0x86	0x80	0x10	0x83	0xFF	0x80	0xFF	0x00		Whole number 48 bits
Index cumulative P- tariff 4 (Wh)	read CI = 0x72	0x86	0x80	0x10	0x83	0xFF	0x81	0xFF	0x00		Whole number 48 bits
Index cumulative Q1 tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xA0	0xFF	0x00	Whole number 48 bits
Index cumulative Q2 tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xA1	0xFF	0x00	Whole number 48 bits
Index cumulative Q3 tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xA2	0xFF	0x00	Whole number 48 bits
Index cumulative Q4 tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xA3	0xFF	0x00	Whole number 48 bits
Index cumulative S+ tariff 4 (VAh)	read CI = 0x72	0x86	0x80	0x50	0xFF	0x96	0xFF	0x80	0xFF	0x00	Whole number 48 bits
Index cumulative S- tariff 4 (VAh)	read CI = 0x72	0x86	0x80	0x50	0xFF	0x96	0xFF	0x81	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index total P+ (Wh)	read CI = 0x72	0x86	0x00		0x83	0xFF	0x80	0xFF	0x00		Whole number 48 bits
Index total P- (Wh)	read CI = 0x72	0x86	0x00		0x83	0xFF	0x81	0xFF	0x00		Whole number 48 bits
Index total Q1 (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xA0	0xFF	0x00	Whole number 48 bits
Index total Q2 (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xA1	0xFF	0x00	Whole number 48 bits
Index total Q3 (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xA2	0xFF	0x00	Whole number 48 bits
Index total Q4 (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xA3	0xFF	0x00	Whole number 48 bits
Index total S+ (VAh)	read CI = 0x72	0x86	0x80	0x40	0xFF	0x96	0xFF	0x80	0xFF	0x00	Whole number 48 bits
Index total S- (VAh)	read CI = 0x72	0x86	0x80	0x40	0xFF	0x96	0xFF	0x81	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative Q+ total (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xB8	0xFF	0x00	Whole number 48 bits
Index cumulative Q+ tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xB8	0xFF	0x00	Whole number 48 bits
Index cumulative Q+ tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xB8	0xFF	0x00	Whole number 48 bits
Index cumulative Q+ tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xB8	0xFF	0x00	Whole number 48 bits
Index cumulative Q+ tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xB8	0xFF	0x00	Whole number 48 bits
Index cumulative Q- total (VARh)	read CI = 0x72	0x86	0x80	0x00	0xFF	0x95	0xFF	0xB9	0xFF	0x00	Whole number 48 bits
Index cumulative Q- tariff 1 (VARh)	read CI = 0x72	0x86	0x90	0x00	0xFF	0x95	0xFF	0xB9	0xFF	0x00	Whole number 48 bits
Index cumulative Q- tariff 2 (VARh)	read CI = 0x72	0x86	0xA0	0x00	0xFF	0x95	0xFF	0xB9	0xFF	0x00	Whole number 48 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Index cumulative Q- tariff 3 (VARh)	read CI = 0x72	0x86	0xB0	0x00	0xFF	0x95	0xFF	0xB9	0xFF	0x00	Whole number 48 bits
Index cumulative Q- tariff 4 (VARh)	read CI = 0x72	0x86	0x80	0x10	0xFF	0x95	0xFF	0xB9	0xFF	0x00	Whole number 48 bits
Voltage instantaneous V1 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x01			Whole number 16 bits
Voltage instantaneous V2 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x02			Whole number 16 bits
Voltage instantaneous V3 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x03			Whole number 16 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Voltage instantaneous U12 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x05			Whole number 16 bits
Voltage instantaneous U23 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x06			Whole number 16 bits
Voltage instantaneous U31 (V)	read CI = 0x72	0x02			0xFD	0xC9	0xFF	0x07			Whole number 16 bits
Current instantaneous phase 1 (A)	read CI = 0x72	0x02			0xFD	0xDC	0xFF	0x01			Whole number 16 bits
Current instantaneous phase 2 (A)	read CI = 0x72	0x02			0xFD	0xDC	0xFF	0x02			Whole number 16 bits
Current instantaneous phase 3 (A)	read CI = 0x72	0x02			0xFD	0xDC	0xFF	0x03			Whole number 16 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Power active import P+ instantaneous (W)	read CI = 0x72	0x04			0xAB	0xFF	0xA4	0xFF	0x00		Whole number 32 bits
Power active export P- instantaneous (W)	read CI = 0x72	0x04			0xAB	0xFF	0xA5	0xFF	0x00		Whole number 32 bits
Power reactive Q1 instantaneous (VAR)	read CI = 0x72	0x04			0xFF	0xA6	0xFF	0x97	0xFF	0x00	Whole number 32 bits
Power reactive Q2 instantaneous (VAR)	read CI = 0x72	0x04			0xFF	0xA7	0xFF	0x97	0xFF	0x00	Whole number 32 bits
Power reactive Q3 instantaneous (VAR)	read CI = 0x72	0x04			0xFF	0xA8	0xFF	0x97	0xFF	0x00	Whole number 32 bits
Power reactive Q4 instantaneous (VAR)	read CI = 0x72	0x04			0xFF	0xA9	0xFF	0x97	0xFF	0x00	Whole number 32 bits
Power apparent import S+ instantaneous (VA)	read CI = 0x72	0x04			0xFF	0xAA	0xFF	0x98	0xFF	0x00	Whole number 32 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Power apparent export S- instantaneous (VA)	read CI = 0x72	0x04			0xFF	0xAB	0xFF	0x98	0xFF	0x00	Whole number 32 bits
Power factor instantaneous	read CI = 0x72	0x02			0xFF	0x84	0xFF	0x00			Whole number 16 bits
Frequency instantaneous network (Hz)	read CI = 0x72	0x02			0xFF	0x99	0xFF	0x50			Whole number 16 bits
Error code 0=OK, 1=error phase	read CI = 0x72	0x01			0xFF	0x62					Whole number 8 bits
Tariff actual 1, 2, 3 or 4	read/write CI= 0x72 or 0x51	0x01			0xFF	0x54					Whole number 8 bits
Meter model 1=DVH5141 2=DVH5141-M 3=DVH5151 4=DVH5151-M 5=DVH5161	read CI = 0x72	0x01			0xFF	0x56					Whole number 8 bits

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6=DVH5161-M										
9=DVH5241										
16=DVH5241-M										
7=DVH5251										
8=DVH5251-M										
17=DVH5261										
18=DVH5261-M										
19=DVH5341										
20=DVH5341-M										
35=DVH5351										
36=DVH5351-M										
21=DVH5361										
22=DVH5361-M										
23=MDVH5181										
24=MDVH5181-M										
25=MDVH5281										
32=MDVH5281-M										
33=MDVH5381										
34=MDVH5381-M										

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37=MDVH5191 38=MDVH5191-M 39=MDVH5291 40=MDVH5291-M 41=MDVH5391 48=MDVH5391-M											
Type of meter 1=IEC, 2=MID	read CI = 0x72	0x01			0xFF	0x57					Whole number 8 bits
Firmware version 0xXYZ	read CI = 0x72	0x02			0xFF	0x58					Whole number 16 bits
Serial number 16 BCD digit on 8 octets	read CI = 0x72	0x0D			0xFF	0x55					0xC8 + 8 bytes
N° de fabrication 16 digits BCD sur 8 bytes	read CI = 0x72	0x0D			0x78						0xC8 + 8 bytes
Type of connection 1=Direct, 2=TC	read CI = 0x72	0x01			0xFF	0x60					Whole number 8 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Meter's time 12 BCD digits on 6 bytes in format HHMMSSJJMMAA	read/write CI= 0x72 or 0x51	0x0D			0xFF	0xB0	0xFF	0x00			0xC6 + 6 bytes
Meter's primary adress from 0 to 250	read CI = 0x51	0x01			0x7A						Whole number 8 bits
Meter's secondary adress 8 BCD digit on 4 bytes (8 last digit from serial number)	read CI = 0x51	0x0C			0x79						4 bytes
S0 Function	read/write CI= 0x72 or 0x51	0x01			0xFF	0xB1	0xFF	0x00			Whole number 8 bits
S0 metrological constant (imp/kWh)	read/write CI= 0x72 or 0x51	0x04			0xFF	0xB2	0xFF	0x00			Whole number 32 bits
S0 pulse lenght (ms)	read/write CI= 0x72 or 0x51	0x02			0xFF	0xB3	0xFF	0x00			Whole number 16 bits
CT-ratio numerator	read/write CI= 0x72 or 0x51	0x02			0xFF	0xB4	0xFF	0x00			Whole number 16 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
CT-ratio denominator	read/write CI= 0x72 or 0x51	0x02			0xFF	0xB5	0xFF	0x00			Whole number 16 bits
Force the Meter-Bus communication-speed to 300 bauds	read CI = 0xB8										
Force the Meter-Bus communication-speed to 600 bauds	read CI = 0xB9										
Force the Meter-Bus communication-speed to 1200 bauds	read CI = 0xBA										
Force the Meter-Bus communication-speed to 2400 bauds	read CI = 0xBB										
Force the Meter-Bus communication-speed to 4800 bauds	read CI = 0xBC										
Force the Meter-Bus communication-speed to 9600 bauds	read CI = 0xBD										

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
<p>Reset of the meter</p> <p>4 = reset of indexes partial, monthly et monthly -1 for the 4 tariffs</p> <p>5 = reset of values instantaneous, minimum, average, maximum and history</p> <p>6 = reset of parameters of communication (primary adress = 000 And speed = 2400 bauds)</p> <p>7 = complete reset (3 previous ones resets combined)</p>		0x01			0xFF	0x70					Whole number 8 bits
Force the reading of all the data	write CI = 0x51	0x7F									

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value	
Force the reading of some data 104 bits coded on 13 bytes (bit 0 = data not read, bit 1 = data to be read)	write CI = 0x51	0x0D				0xFD	0x0B					0xED + 13 bytes
Meter's time In F format	write CI = 0x51	0x04				0x6D						Whole number 32 bits
Last read error 0=OK, #0=read error	read CI = 0x72	0x01				0xFD	0x17					Whole number 8 bits
State of phase 1 0 = missing, 1 = present	read CI = 0x72	0x01				0xFF	0xB6	0xFF	0x01			Whole number 8 bits
State of phase 2 0 = missing, 1 = present	read CI = 0x72	0x01				0xFF	0xB6	0xFF	0x02			Whole number 8 bits
State of phase 3 0 = missing, 1 = present	read CI = 0x72	0x01				0xFF	0xB6	0xFF	0x03			Whole number 8 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Voltage instantaneous V1 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x01			Whole number 16 bits
Voltage instantaneous V2 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x02			Whole number 16 bits
Voltage instantaneous V3 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x03			Whole number 16 bits
Voltage instantaneous U12 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x05			Whole number 16 bits
Voltage instantaneous U23 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x06			Whole number 16 bits
Voltage instantaneous U31 (1/10 V)	read CI = 0x72	0x02			0xFD	0xCA	0xFF	0x07			Whole number 16 bits
Current instantaneous phase 1 (1/10 A)	read CI = 0x72	0x02			0xFD	0xDD	0xFF	0x01			Whole number 16 bits
Current instantaneous phase 2 (1/10 A)	read CI = 0x72	0x02			0xFD	0xDD	0xFF	0x02			Whole number 16 bits

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data	read/write	DIF	DIFE	DIFE	VIF	VIFE	VIFE	VIFE	VIFE	VIFE	Value
Current instantaneous phase 3 (1/10 A)	read CI = 0x72	0x02			0xFD	0xDD	0xFF	0x03			Whole number 16 bits
Frequency instantaneous network (1/10 Hz)	read CI = 0x72	0x02			0xFF	0xB7	0xFF	0x50			Whole number 16 bits

Manufacturer specific VIFE codes signification :

VIFE (BIN)	VIFE (HEX)	Description	Unit
00000000	00	3-Phase	0.1Wh, mV, mA, mW, mVA or mvar
00000001	01	Phase 1	0.1Wh, mV, mA, mW, mVA or mvar
00000010	02	Phase 2	0.1Wh, mV, mA, mW, mVA or mvar
00000011	03	Phase 3	0.1Wh, mV, mA, mW, mVA or mvar
00000100	04	Neutral	mA
00000101	05	Line 12	mV
00000110	06	Line 23	mV
00000111	07	Line 31	mV
00010000	10	3-Phase Imported Inductive Energy	0.1VAh or 0.1varh
00010001	11	Phase 1 Imported Inductive Energy	0.1VAh or 0.1varh
00010010	12	Phase 2 Imported Inductive Energy	0.1VAh or 0.1varh
00010011	13	Phase 3 Imported Inductive Energy	0.1VAh or 0.1varh
00100000	20	3-Phase Exported Inductive Energy	0.1VAh or 0.1varh
00010001	21	Phase 1 Exported Inductive Energy	0.1VAh or 0.1varh
00010010	22	Phase 2 Exported Inductive Energy	0.1VAh or 0.1varh

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VIFE (BIN)	VIFE (HEX)	Description	Unit
00010011	23	Phase 3 Exported Inductive Energy	0.1VAh or 0.1varh
00100100	24	3-Phase Inductive Energy	0.1VAh or 0.1varh
00110000	30	3-Phase Imported Capacitive Energy	0.1VAh or 0.1varh
00110001	31	Phase 1 Imported Capacitive Energy	0.1VAh or 0.1varh
00110010	32	Phase 2 Imported Capacitive Energy	0.1VAh or 0.1varh
00110011	33	Phase 3 Imported Capacitive Energy	0.1VAh or 0.1varh
01000000	40	3-Phase Exported Capacitive Energy	0.1VAh or 0.1varh
01000001	41	Phase 1 Exported Capacitive Energy	0.1VAh or 0.1varh
01000010	42	Phase 2 Exported Capacitive Energy	0.1VAh or 0.1varh
01000011	43	Phase 3 Exported Capacitive Energy	0.1VAh or 0.1varh
01000100	44	3-Phase Capacitive Energy	0.1VAh or 0.1varh
01010000	50	Frequency	mHz
01010001	51	Phase Order	Dimensionless
01010010	52	CT Value	Dimensionless
01010011	53	PT Value	Dimensionless
01010100	54	Actual Tariff	Dimensionless
01010101	55	Serial Number	Dimensionless
01010110	56	Model	Dimensionless
01010111	57	Type	Dimensionless

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01011000	58	Firmware Release	Dimensionless
01011001	59	Hardware Release	Dimensionless
01100000	60	Wiring Mode	Dimensionless
01100001	61	Primary or Secondary Value	Dimensionless
01100010	62	Error Code	Dimensionless
01100011	63	Out Of Range	Dimensionless
01100100	64	FSA Value	A
01110000	70	Reset Counter	Dimensionless
01110001	71	Start Counter	Dimensionless
01110010	72	Stop Counter	Dimensionless
01110011	73	Partial Counter Status	Dimensionless
10000000	80	Imported Energy	0.1Wh
10000001	81	Exported Energy	0.1Wh
10000010	82	Partial	Dimensionless
10000011	83	Balance	Dimensionless
10000100	84	Power Factor	Dimensionless
10010000	90	Unit Volt-Ampere * 10 ⁻³	mVA
10010001	91	Unit Volt-Ampere per hour * 10 ⁻¹	0.1VAh
10010010	92	Unit Reactive Volt-Ampere * 10 ⁻³	mvar

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10010011	93	Unit Reactive Volt-Ampere per hour * 10 ⁻¹	0.1varh
10010100	94	Unit Hertz (cycle per second) * 10 ⁻³	MHz
<i>10010101</i>	<i>95</i>	<i>Unit VARh</i>	<i>VARh</i>
10010110	96	Unit VAh	VAh
10010111	97	Unit VAR	VAR
10011000	98	Unit VA	VA
10011001	99	Unit Hz	Hz
10100000	A0	Energy Q1	VARh
10100001	A1	Energy Q2	VARh
10100010	A2	Energy Q3	VARh
10100011	A3	Energy Q4	VARh
10100100	A4	Power active import	W
10100101	A5	Power active export	W
10100110	A6	Power Q1	VAR
10100111	A7	Power Q2	VAR
10101000	A8	Power Q3	VAR
10101001	A9	Power Q4	VAR
10101010	AA	Power apparent import	VA

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10101011	AB	Power apparent import	VA
10110000	B0	Date/Time	BCD, HHMMSSJJMMAA
10110001	B1	S0 function	
10110010	B2	S0 constant	Imp/kWh
10110011	B3	S0 pulse duration	ms
10110100	B4	CT-ratio numerator	
10110101	B5	CT-ratio denominator	
10110110	B6	State of the phase	
10110111	B7	Unit Hz	1/10 Hz
10111000	B8	Energy Q+	VARh
10111001	B9	Energy Q-	VARh

Erreurs en écriture :

<i>Error code</i>	<i>Signification</i>
0x00	No error
0x01	METERBUS_ERR_TOO_MANY_DIFE
0x02	METERBUS_ERR_STORAGE_NUMBER
0x03	METERBUS_ERR_UNIT_NUMBER
0x04	METERBUS_ERR_TARIFF_NUMBER
0x05	METERBUS_ERR_FUNCTION
0x06	METERBUS_ERR_DATA_CLASS
0x07	METERBUS_ERR_DATA_SIZE
0x0B	METERBUS_ERR_TOO_MANY_VIFE
0x0C	METERBUS_ERR_VIF_GROUP
0x0D	METERBUS_ERR_VIF_EXPONENT
0x0E	METERBUS_ERR_VIF_DIF_MISMATCH
0x15	METERBUS_ERR_NO_DATA
0x16	METERBUS_ERR_DATA_OVERFLOW
0x17	METERBUS_ERR_DATA_UNDERFLOW
0x18	METERBUS_ERR_DATA_ERROR

ACEAN - DVH5 : Data Meter-Bus

<i>Error code</i>	<i>Signification</i>
0x1C	METERBUS_ERR_END_OF_RECORD
0x20	METERBUS_ERR_START
0x21	METERBUS_ERR_LFIELD
0x22	METERBUS_ERR_SECONDARY_ADRESS
0x23	METERBUS_ERR_PRIMARY_ADRESS
0x24	METERBUS_ERR_STOP
0x25	METERBUS_ERR_CHECKSUM