

Start	End	Data type	Description
8192	8192	u 16bit	High Byte: Visu-ID Low Byte: reserved
8193	8193	u 16bit	High (12bit): part number Low (4bit):reserved
8194	8195	u 32bit	Continuous serial number within the article number Low word first
8196	8196	u 16bit	motor sensor ohmic value 1...65535Ω, 0 = not present
8198	8198	u 16bit	error Messages Bit 0: 0 = no error , 1 = at least one error is current appending
8199	8199	u 16bit	Operating state Bit 0 - Engine status: 0 = Motor stands still; 1 = motor running
8202	8202	u 16bit	motor temperature actual value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C
8206	8206	u 16bit	High Byte: Major Software Revision Number Low Byte: Minor Software Revision Number
8207	8207	u 16bit	Function Description 0 = Engineering Sample 1.9 = variant
8210	8210	u 16bit	Variants to Articles Number if value < 10000 "S" [value] if value > 10000 "P" [value - 10000]
8211	8211	u 16bit	voltage key 13=24V DC 20=24V AC/DC 22=115-230V AC 31=24V AC 41=115V AC 52=230V AC
8212	8213	u 32bit	Total error shutdowns Low word first
8214	8215	u 32bit	Total operating shutdowns 0...327675 Low word first
8216	8216	u 16bit	Current hour period in seconds (internal time) 0...3599 seconds

Start	End	Data type	Description
8223	8223	u 16bit	average frequency (all 3 phases) 0 = not assigned 1 = frequency 0 Hz 2 = wrong phase sequence 3 ... 65535 motor frequency in Hz
8228	8228	u 8bit	Number of hours of the current day (internal time) 0-23h
8230	8230	u 8bit	Total number of starts of the current day (internal time) 0...255
8232	8232	u 8bit	Total number of starts of the last day (current day - 1 day, internal time) 0...255
8233	8233	u 8bit	Total number of the starts of the penultimate day (current day - 2 days, internal time) 0...255
8234	8234	u 8bit	Total number of starts of the third day (current day - 3 days, internal time) 0-255
8235	8235	u 8bit	Total number of starts of the fourth day (current day - 4 days, internal time) 0-255
8236	8236	u 8bit	Total number of starts of the fifth last day (current day - 5 days, internal time) 0...255
8237	8237	u 8bit	Total number of starts of the sixth day (current day - 6 days, internal time) 0...255
8240	8240	u 8bit	Switching cycles per hour - current hour 0...255
8241	8241	u 8bit	Maximum of the Start/Stop per hour rate - current 24h (internal time) 0...255
8242	8242	u 8bit	Maximum of the Start/Stop per hour rate - before 24-48h (internal time) 0...255
8243	8243	u 8bit	Maximum of the Start/Stop per hour rate - before -48-72h (internal time) 0...255
8244	8244	u 8bit	Maximum of the Start/Stop per hour rate - before 72-96h (internal time) 0...255
8245	8245	u 8bit	Maximum of the Start/Stop per hour rate - before 96-120h (internal time) 0...255
8246	8246	u 8bit	Maximum of the Start/Stop per hour rate - before 120-144h (internal time) 0...255
8247	8247	u 8bit	Maximum of the Start/Stop per hour rate - before 144-168h (internal time) 0...255
8248	8248	u 16bit	Module state motor temperature monitoring High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out

Start	End	Data type	Description
8251	8251	u 16bit	Module status relay monitoring High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8252	8252	u 16bit	Module state short cycling monitoring High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8260	8260	u 16bit	Module state generally High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8262	8262	u 16bit	Module state supply voltage monitoring High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8266	8266	u 16bit	Actual state of modul temperature input 1, High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8267	8267	u 16bit	Actual state of modul temperature input2, High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8276	8276	u 16bit	Current operation time of the motor 0..65 535 min

Start	End	Data type	Description
8277	8277	u 8bit	Number of operation times <1 min Number to determine the quasi-percentage distribution
8278	8278	u 8bit	Number of running times <5 min Number to determine of quasi- percentage distribution
8279	8279	u 8bit	Number of running times 5-9 min Number to determine of quasi- percentage distribution
8280	8280	u 8bit	Number of running times 10-19 min Number to determine of quasi- percentage distribution
8281	8281	u 8bit	Number of running times 20-29 min Number to determine of quasi- percentage distribution
8282	8282	u 8bit	Number of running times 30-59 min Number to determine of quasi- percentage distribution
8283	8283	u 8bit	Number of running times 60-119 min Number to determine of quasi- percentage distribution
8284	8284	u 8bit	Number of operation times 120-300 min Number to determine of quasi- percentage distribution
8285	8285	u 8bit	Number of operation times > 300 min Number determine of quasi- percentage distribution
8302	8302	u 16bit	Life time counter: motor sensor open circuit alarm The following event numbers are counted here: {10}, {41}
8303	8303	u 16bit	Life time counter: motor sensor short circuit alarm The following event numbers are counted here: {8}, {40}
8306	8306	u 16bit	Life time counter: motor temperature static shutdown alarm The following event numbers are counted here: {2}, {15}, {38}, {39}, {55}
8307	8307	u 16bit	Life time counter: motor temperature static shutdown Alarm, locked
8316	8316	u 16bit	Life time counter: phase loss alarm The following event numbers are counted here: {28}
8317	8317	u 16bit	Life time counter: phase loss Alarm, locked
8318	8318	u 16bit	Life time counter: switching frequency limit alarm The following event numbers are counted here: {7}
8319	8319	u 16bit	Life time counter: Motor run detected even though the relay was switched off message The following event numbers are counted here: {11}, {118}
8321	8321	u 16bit	Life time counter: Successful parameter change Message The following event numbers are counted here: {249}

Start	End	Data type	Description
8331	8331	u 16bit	Life time counter: phase sequence error Alarm, locked The following event numbers are counted here: {27}
8334	8334	u 16bit	Residual delay time estimated time period until the compressor can be switched on again 0..65533 sec 65.535 = Locked switch off 65.534 = indefinite time
8336	8336	u 8bit	Time since last event in minutes / hours 0..120 = 0...120 min 121..238 = 3..120 h
8337	8337	u 8bit	Time since last event in days 0 = 0 days 1...246 = 6...251 days
8338	8338	u 16bit	Sum of the running time of the motor although the relay was switched off Value * 10min
8342	8342	u 16bit	Total of warnings due to phase asymmetry alarm
8344	8344	u 16bit	Life time counter: Phase asymmetry detected alarm The following event numbers are counted here: {29}
8345	8345	u 16bit	Total of lockouts due to phase asymmetry alarm
8352	8352	u 8bit	Event memory: event number of the last event
8353	8353	u 8bit	Event-memory: time difference of the last event to the previous 0...120 = 0...120 min 121...238 = 3..120 h
8356	8356	u 8bit	Event-memory: event number index -1
8357	8357	u 8bit	Event-memory: time difference index - 1 0...120 = 0...120 min 121...238 = 3..120 h
8360	8360	u 8bit	Event-memory: event number index -2
8361	8361	u 8bit	Event-memory: time difference index - 2 0...120 = 0...120 min 121...238 = 3..120 h
8364	8364	u 8bit	Event-memory: event number index -3
8365	8365	u 8bit	Event-memory: time difference index - 3 0...120 = 0...120 min 121...238 = 3..120 h
8368	8368	u 8bit	Event-memory: event number index -4
8369	8369	u 8bit	Event-memory: time difference index - 4 0...120 = 0...120 min 121...238 = 3..120 h
8372	8372	u 8bit	Event-memory: event number index -5
8373	8373	u 8bit	Event-memory: time difference index - 5 0...120 = 0...120 min 121...238 = 3..120 h

Start	End	Data type	Description
8376	8376	u 8bit	Event-memory: event number index -6
8377	8377	u 8bit	Event-memory: time difference index - 6 0...120 = 0...120 min 121...238 = 3..120 h
8380	8380	u 8bit	Event-memory: event number index -7
8381	8381	u 8bit	Event-memory: time difference index - 7 0...120 = 0...120 min 121...238 = 3..120 h
8384	8384	u 8bit	Event-memory: event number index -8
8385	8385	u 8bit	Event-memory: time difference index - 8 0...120 = 0...120 min 121...238 = 3..120 h
8388	8388	u 8bit	Event-memory: event number index -9
8389	8389	u 8bit	Event-memory: time difference index - 9 0...120 = 0...120 min 121...238 = 3..120 h
8392	8392	u 8bit	Event-memory: event number index -10
8393	8393	u 8bit	Event-memory: time difference index - 10 0...120 = 0...120 min 121...238 = 3..120 h
8396	8396	u 8bit	Event-memory: event number index -11
8397	8397	u 8bit	Event-memory: time difference index - 11 0...120 = 0...120 min 121...238 = 3..120 h
8400	8400	u 8bit	Event-memory: event number index -12
8401	8401	u 8bit	Event-memory: time difference index - 12 0...120 = 0...120 min 121...238 = 3..120 h
8404	8404	u 8bit	Event-memory: event number index -13
8405	8405	u 8bit	Event-memory: time difference index - 13 0...120 = 0...120 min 121...238 = 3..120 h
8408	8408	u 8bit	Event-memory: event number index -14
8409	8409	u 8bit	Event-memory: time difference index - 14 0...120 = 0...120 min 121...238 = 3..120 h
8412	8412	u 8bit	Event-memory: event number index -15
8413	8413	u 8bit	Event-memory: time difference index - 15 0...120 = 0...120 min 121...238 = 3..120 h
8416	8416	u 8bit	Event-memory: event number index -16

Start	End	Data type	Description
8417	8417	u 8bit	Event-memory: time difference index - 16 0...120 = 0...120 min 121...238 = 3..120 h
8420	8420	u 8bit	Event-memory: event number index -17
8421	8421	u 8bit	Event-memory: time difference index - 17 0...120 = 0...120 min 121...238 = 3..120 h
8424	8424	u 8bit	Event-memory: event number index -18
8425	8425	u 8bit	Event-memory: time difference index - 18 0...120 = 0...120 min 121...238 = 3..120 h
8428	8428	u 8bit	Event-memory: event number index -19
8429	8429	u 8bit	Event-memory: time difference index - 19 0...120 = 0...120 min 121...238 = 3..120 h
8500	8500	u 16bit	Life time counter: phase monitoring undervoltage warning The following event numbers are counted here: {6}, {116}
8501	8501	u 16bit	Life time counter: phase monitoring overvoltage warning
8502	8502	u 16bit	Life time counter: phase monitoring undervoltage alarm
8503	8503	u 16bit	Life time counter: phase monitoring undervoltage Alarm, locked
8504	8504	u 16bit	Total of shutdowns due to line overvoltage alarm
8505	8505	u 16bit	Life time counter: phase monitoring overvoltage Alarm, locked
8508	8508	u 16bit	Motor temperature trip value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C
8554	8554	u 16bit	Module status leakage monitoring 1 High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8555	8555	u 16bit	Module status leakage monitoring 2 High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out

Start	End	Data type	Description
8556	8556	u 16bit	Module state phase sequence High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8557	8557	u 16bit	Module state phase loss High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8558	8558	u 16bit	Module state phase imbalance High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8560	8560	u 16bit	Module state current loop High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8562	8562	u 16bit	Life time counter: Temperature sensor 1 limit exceeded warning The following event numbers are counted here: {123}
8563	8563	u 16bit	Life time counter: Neutral warning The following event numbers are counted here: {}
8564	8564	u 16bit	Life time counter: Temperature sensor 1 limit exceeded trip The following event numbers are counted here: {56}, {57}
8565	8565	u 16bit	Life time counter: Temperature sensor 1 limit exceeded locked The following event numbers are counted here: {56},{57}
8566	8566	u 16bit	Life time counter: Temperature sensor 1 short circuit trip The following event numbers are counted here: {58}
8567	8567	u 16bit	Life time counter: Temperature sensor 1 open circuit trip The following event numbers are counted here: {59}



Start	End	Data type	Description
8568	8568	u 16bit	Life time counter: Temperature sensor 2 limit exceeded trip The following event numbers are counted here: {60}, {61}
8569	8569	u 16bit	Life time counter: Temperature sensor 2 limit exceeded locked The following event numbers are counted here: {60}, {61}
8570	8570	u 16bit	Life time counter: Temperature sensor 2 short circuit trip The following event numbers are counted here: {62}
8571	8571	u 16bit	Life time counter: Temperature sensor 2 open circuit trip The following event numbers are counted here: {63}
8572	8572	u 16bit	Life time counter: Leakage monitoring 1 warning The following event numbers are counted here: {125}
8573	8573	u 16bit	Life time counter: leakage monitoring 2 warning The following event numbers are counted here: {126}
8574	8574	u 16bit	Life time counter: Leakage monitoring 1 trip The following event numbers are counted here: {64}, {65}
8575	8575	u 16bit	Life time counter: Leakage monitoring 1 locked The following event numbers are counted here: {64},{65}
8576	8576	u 16bit	Life time counter: leakage monitoring 2 trip The following event numbers are counted here: {66}, {67}
8577	8577	u 16bit	Life time counter: leakage monitoring 2 locked The following event numbers are counted here: {66}, {67}
8578	8578	u 16bit	Life time counter: current loop warning The following event numbers are counted here: {127}
8579	8579	u 16bit	Life time counter: current loop sensor error trip The following event numbers are counted here: {69}
8580	8580	u 16bit	Life time counter: current loop trip The following event numbers are counted here: {}
8581	8581	u 16bit	Life time counter: current loop locked The following event numbers are counted here: {}
8582	8582	u 16bit	Temperature sensor 1 actual value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C 0 = not available

Start	End	Data type	Description
8583	8583	u 16bit	Temperature sensor 1 trip value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C 0 = not available
8584	8584	u 16bit	Temperature sensor 2 temperature value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C 0 = not available
8585	8585	u 16bit	Temperature sensor 2 trip value Temperature = (value - 32768) / 100 -327,00 ° C ... + 327,00 ° C 0 = not available
8586	8586	u 16bit	Temperature sensor 1 resistance value 1..65,535 Ohm, 0 = not available
8587	8587	u 16bit	Temperature sensor 2 resistance value 1..65,535 Ohm, 0 = not available
8588	8588	u 16bit	Leakage monitoring 1 ohm value 1..65,535 kOhm, 0 = not available
8589	8589	u 16bit	Leakage monitoring 1 trip value 1..65,535 kOhm, 0 = not available
8590	8590	u 16bit	Phase voltage L1 0...65535 V
8591	8591	u 16bit	Phase voltage L2 0...65535 V
8592	8592	u 16bit	Phase voltage L3 0...65535 V
8594	8594	u 16bit	current loop value
8595	8595	u 16bit	current loop trip value
8596	8596	u 16bit	Leakage monitoring 2 ohm value
8597	8597	u 16bit	Leakage monitoring 2 trip value
8598	8598	u 16bit	Life time counter: engine temperature exceeded warning The following event numbers are counted here: {122}
8600	8600	u 16bit	Life time counter: short cycling limitation warning
8601	8601	u 16bit	Life time counter: short cycling limitation lockout
8602	8602	u 16bit	Module state line undervoltage High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out

Start	End	Data type	Description
8603	8603	u 16bit	Module state line overvoltage High Byte: event number Low Byte: modul status Bit coded Bit 0 = Active Bit 1 = Warning Bit 2 = Trip Bit 3 = Time delay active Bit 4 = Locked out
8604	8604	u 16bit	current loop Value minimum for the conversion 0 ... 65535
8605	8605	u 16bit	current loop Value maximum for the conversion 1 ... 65 535
8606	8606	u 16bit	current loop High byte: unit 1st character Low byte: unit 2nd character
8607	8607	u 16bit	current loop High byte: unit 3rd character Low byte: unit 4th character
8608	8608	u 16bit	Type Temperature Sensor High Byte: Sensor 2 Low Byte: Sensor 1 0 = deactivated; 1 = PT100; 2 = PT1000; 3 = PTC
8609	8609	u 16bit	Type of leakage sensor High byte: sensor 2 Low byte: sensor 1 0 = deactivated; 1 = resistance exceeded; 2 = resistance undercut; 3 = switching input (NO); 4 = switching input (NC)
8612	8612	u 16bit	Time to service 0...65 534 65 535 = interval expired
8613	8613	u 16bit	Status service interval 0 = inactive > 0 = active
8620	8620	u 16bit	Current loop limit sensor detection 0...65535
8621	8621	u 16bit	Type of engine temperature sensor Low byte: sensor type 0 = deactivated; 1 = PT100; 2 = PT1000; 3 = PTC; 4 = bimetal