VM DIEMATIC EVOLUTION

WALL-MOUNTED CONTROL SYSTEM



• VM DIEMATIC EVOLUTION

- Electronic control system able to control 3 heating circuits and 2 DHW circuits
- Cascade management

SPECIFICATIONS

dimensions: length: 320 mm height: 260 mm depth: 130 mm

protection International Protection marking: IP 21

power supply 230V 50 Hz - 6 A

door Door on reversible hinge, lockable and sealable The VM DIEMATIC EVOLUTION electronic control system, integrated into a wall unit, allows 3 heating circuits and 2 DHW circuits to be controlled each of the heating circuits can be a direct zone or a three-way motorised mixing valve zone.

It is possible to link together up to 8 VM DIEMATIC EVOLUTION control systems, and to thereby create numerous combinations, regardless of the type of installation.

VM DIEMATIC EVOLUTION can be used in combination with INNOVENS PRO MCA 160, EVODENS and MODULENS O PRO (PFC 45/60/90/120) boilers to manage additional heating and DHW circuits.

VM DIEMATIC EVOLUTION can be integrated in conjunction with one or more generators equipped with the DIEMATIC EVOLUTION or IniControl 2.

VM DIEMATIC EVOLUTION can also be used on its own in standalone mode to control the heating and DHW circuits depending on the outdoor temperature.

VM DIEMATIC EVOLUTION can also control a cascade of boilers equipped with a DIEMATIC EVOLUTION and iniControl 2 control panel.

VM DIEMATIC EVOLUTION also has a 0-10 V input and an on-off telephone control.



PRESENTATION OF THE RANGE

VM DIEMATIC EVOLUTION

The VM DIEMATIC EVOLUTION control system comes in the form of a compact wall-mounted unit (L 320 mm, H 260 mm, D 130 mm), with low-voltage (230 V) and very low voltage (< 24 V) electrical connection zones.

The sealed ABS unit (IP 21) is fitted with a transparent polycarbonate latch (lockable using a screwdriver), enabling the various parameters to be read on the display. This unit can be wall-mounted, mounted on the front of a control cabinet, or even integrated into the cabinet.

The electrical connections are routed via the underside using the gland supplied.

The VM DIEMATIC EVOLUTION control system is supplied without sensors, and so you need to add on accessories corresponding to the type of installation (see page 12). As standard, the VM DIEMATIC EVOLUTION control system can control two hydraulic circuits and a DHW circuit. Each of the 2 hydraulic circuits may be:

- a heating circuit equipped with a motorised three-way valve,
- a direct heating circuit,
- a swimming pool circuit,
- a high-temperature circuit (convection fan).

TECHNICAL SPECIFICATIONS

DESCRIPTION



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USAGE SCENARIOS

FOR THE VM DIEMATIC EVOLUTION

OPERATION OPTIONS FOR THE VM DIEMATIC EVOLUTION

- The VM DIEMATIC EVOLUTION control system can operate:
- on its own (autonomously),
- in communication with other generators.
- The control system is:
- fully compatible with the new DIEMATIC EVOLUTION control system range,
- backward compatible with DIEMATIC control systems (3, m3, iSystem), but only if they are connected as slaves.

USAGE OPTIONS

USE AS AN AUTONOMOUS UNIT

The A, B and DHW circuits come as standard + C and AUX circuits (only with package AD249 option). (Outdoor temperature sensor to be ordered as an option - package FM46) (See page 5)

USE AS AN EXTENSION UNIT

The VM DIEMATIC EVOLUTION unit can be networked with one or more generators equipped with a IniControl 2 and DIEMATIC Evolution control panel (with option of S-Bus network connection). The A, B and DHW circuits come as standard + C and AUX circuits (only with package AD249 option). Option of networking 1 to 8 VM DIEMATIC EVOLUTION units or generators equipped with an IniControl 2 or DIEMATIC Evolution control panel. (See pages 6/7).

USE AS A MIXED CONTROL UNIT

In this case, the VM DIEMATIC EVOLUTION unit can be networked with one or more generators equipped with DIEMATIC iSystem control panels (Mod-Bus network connection):

the A, B and DHW circuits come as standard + C and AUX circuits lonly with package AD249 option).

Option of having 1 to 20 DIEMATIC VM iSystem or VM DIEMATIC EVOLUTION units and 1 to 10 generators equipped with a DIEMATIC iSystem or DIEMATIC Evolution control panel (see page 8).

CAUTION: the VM DIEMATIC EVOLUTION units must be slaves.

CONFIGURATIONS

Each VM DIEMATIC EVOLUTION control system must be configured according to:

• the type of installation to create (number and types of generators, number and types of circuits to controll,

• the existing installation type under an extension (number and types of generators and control systems, number and types of circuits to add).

The configuration mode is chosen from the programming menus, before starting up the installation.

Each VM DIEMATIC EVOLUTION control system can manage up to 2 programmable circuits, one DHW circuit. It also optionally has an AD249 board for a third programmable circuit, and an AUX output, which can be used for:

CIRCUIT	А	В	с	AUX (WITH PACKAGE AD249 OPTION)	DHW
Fan-coils	Yes	Yes	Yes	No	No
Underfloor heating - mixed circuit	Yes	Yes	Yes	No	No
Radiator (direct)	Yes	Yes	Yes	No	No
Year-round radiator (high-temperature)	Yes	Yes	Yes	No	No
Continuous heating - industrial heating	Yes	Yes	Yes	No	No
Timer programming	Yes	Yes	Yes	Yes	Yes
Swimming pool	Yes	Yes	Yes	No	No
Domestic hot water production	Yes	Yes	Yes	Yes	Yes
Electrical domestic hot water production	Yes	Yes	Yes	No	No
Stratified tank (2 sensors)	No	No	No	No	Yes
Deactivation	Yes	Yes	Yes	Yes	Yes

INFORMATION REQUIRED

FOR INSTALLATION

POSITION OF VM DIEMATIC EVOLUTION CONTROL SYSTEMS

Reserve sufficient space around the unit to facilitate accessibility and maintenance. The minimum recommended dimensions are shown on the illustration in mm. As standard, the control panel access door open to the left. If the door opening direction is reversed, make sure to keep sufficient space on the right-hand side.



All of the interconnected control systems must be installed in the same building. Otherwise, the following special measures must be taken:

BUS LENGTH

The BUS length must not exceed 100 metres.

CABLE TYPE

VM DIEMATIC EVOLUTION control systems must be connected with connection cables available as an option:

- 1.5 m S-Bus cable with terminations Package AD308
- 12 m S-Bus cable with terminations Package AD309
- 20 m S-Bus cable with terminations Package AD310
- S-Bus terminations Package AD321
- 1.5 m Mod-Bus connection cable Package AD124
- 12 m Mod-Bus connection cable Package AD 134
- 40 m Mod-Bus connection cable Package DB119

EARTH EQUIPOTENTIALITY

The building earths must be interconnected, especially for the sake of electrical safety and regulatory compliance.

SURGE PROTECTOR

At each building output point, the connection cable will need to be equipped with an RS485 line lightning arrester. The power supply of each controller must be equipped with a mains lightning arrester and a telephone line lightning arrester.

VM_F0017

USAGE OPTIONS

FOR THE VM DIEMATIC EVOLUTION CONTROL SYSTEM

CONTROL SYSTEM USED AS AN AUTONOMOUS EXTENSION UNIT

The VM DIEMATIC EVOLUTION control system is used as part of a sub-station. Completely independently, it controls the 3 connected circuits as a function of outdoor temperature.

3 HEATING CIRCUITS + 1 DHW CIRCUIT CONTROLLED BY VM DIEMATIC EVOLUTION



For this configuration, the following packages need to be installed on the VM DIEMATIC EVOLUTION unit:

- AD250 System sensor
- AD249 PCB for mixing valve +1 flow sensor
- 2 x AD 199 Valve downstream flow sensor
- 2 x AD212 Domestic hot water tank sensor
- FM46 Outdoor temperature sensor

NOTE: each of the heating circuits can be equipped with a SMART TC° connected programmable room thermostat.

KEY

- 4
- Pressure gauge Automatic air vent Isolation valve
- іо 11ь

De Dietrich

- Three-way mixing valve Pump for heating circuit with mixing valve
- 18 21 23 Filling the heating circuit Outdoor temperature sensor
- Flow temperature sensor

- Domestic hot water tank exchanger primary inlet 24 25
- Domestic hot water tank exchanger primary outlet Hot water booster pump
- 26 27 28 29 30 32
- Non-return valve Domestic cold water inlet
- Pressure reducer
- Safety unit calibrated and sealed to 7 bar
- 32 Domestic cold water loop pump 33a Domestic hot water temperature sensor, high position
- 33b Domestic hot water temperature sensor, low position 34
- Primary pump Safety thermostat with manual reset 44
- for underfloor heating Disconnector 50
- 56 64 65 DHW circulation loop return
- Direct heating circuit Heating circuit with mixing valve Manual radiator valve 67

USAGE OPTIONS

FOR THE VM DIEMATIC EVOLUTION CONTROL SYSTEM

CONTROL SYSTEM USED AS AN EXTENSION UNIT

CONTROLLED BY VM DIEMATIC EVOLUTION VM DIEMATIC 2xAD199 EVOLUTION AD315 FM46 0_™ ____21 4 AD240 230V-50Hz AD309 S-BUS -O-Lo ĻO SMART TC SMART TC SMART TC AD324 AD324 AD324 ŕ _____ AD212 67 67 ĥ 23 65 65 65 27 23 75 7, ¹/2 1 1 1 1 2 9 44 9 9 24 26 023 23 AD212 33a ⁰23 j 4 4 94 56 *****9 **7**9 **7**9 27 AD212 33b 27 27 27 98 14 <u>30</u> 11b 11b 11b g 11b 27 29 11d 28 VM F0012 10 9 🛓 10 10 10 10 В.. 2xAD199 O____ + SA19 AD249 34 2<u>30V-50Hz</u> 9 SA26 9 a 50

2 HEATING CIRCUITS + 1 DHW CIRCUIT + 1 SWIMMING POOL CIRCUIT

For this configuration, the following packages need to be installed on the VM DIEMATIC EVOLUTION unit: • AD249 - 1 three-way valve PCB + 1 flow sensor for managing the swimming pool

- AD309 S-BUS cable.
- 2 x AD 199 Valve downstream flow sensor
- 3 x AD212 domestic hot water sensor and TAS
- AD250 Sensor for buffer tank or system
- FM46 Outdoor temperature sensor

NOTE: each of the heating circuits can be equipped with a SMART TC° connected programmable room thermostat.

KEY

- Safety valve Pressure gauge 3
- 4
- Automatic air vent Isolation valve
- 9 10
- Three-way mixing valve Pump for heating circuit with mixing valve 11b
- 11d
- 16 18
- 21 23
- Finary circuit pump Expansion vessel Filling the heating circuit Outdoor temperature sensor Flow temperature sensor

- Domestic hot water tank exchanger primary inlet Domestic hot water tank exchanger primary outlet 24
- 25 26 Hot water booster pump
- Non-return valve
- 27 28 29 30 32 33a Domestic cold water inlet
- Pressure reducer
- Safety unit calibrated and sealed to 7 bar Domestic cold water loop pump
- Domestic hot water temperature sensor, high position Domestic hot water temperature sensor, low position Primary pump 33b 34
- Safety thermostat with manual reset 44 for underfloor heating
- 50 Disconnector
- 56 64 DHW circulation loop return
- Direct heating circuit Heating circuit with mixing valve
- 64 Direct incuring circuit
 65 Heating circuit with mixing va
 67 Manual radiator valve
 75 Pump for DHW use
 112C Swimming pool circuit sensor

USAGE OPTIONS FOR THE VM DIEMATIC EVOLUTION CONTROL SYSTEM

CONTROL SYSTEM USED AS AN EXTENSION UNIT

The VM DIEMATIC EVOLUTION control system can communicate with a boiler or boiler cascade equipped with a DIEMATIC Evolution control system, or IniControl 2 via the S-Bus protocol (the control system can communicate with up to 8 appliances).

3 GENERATORS + 3 HEATING CIRCUITS + 1 DHW CIRCUIT IN CASCADE CONFIGURATION CONTROLLED BY VM DIEMATIC EVOLUTION



For this configuration, the following packages need to be installed on the VM DIEMATIC EVOLUTION unit:

- AD249 1 three-way valve PCB + 1 flow sensor for managing the C circuit
- AD309 and AD308 For the S-BUS connection.
- 2 x AD 199 Valve downstream flow sensor
- 2 x AD212 Domestic hot water tank sensor
- FM46 Outdoor temperature sensor

NOTE: each of the heating circuits can be equipped with a SMART TC° connected programmable room thermostat.

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KEY

- Safety valve Pressure gauge 3
- 4 Automatic air vent
- 9 Isolation valve
- 10
- Three-way mixing valve Pump for heating circuit with mixing valve ĺІ́b
- 16 21 23 Expansion vessel
- Outdoor temperature sensor Flow temperature sensor
- 24 Domestic hot water tank exchanger primary inlet
- Domestic hot water tank exchanger primary outlet 26 27 Hot water booster pump
- Non-return valve Domestic cold water inlet
- 28 29 30
- Pressure reducer Safety unit calibrated and sealed to 7 bar
- 32
- Domestic cold water loop pump Domestic hot water temperature sensor, high position 33a
- Domestic hot water temperature sensor, low position Motorises isolation valve 33b
- 36

- Safety thermostat with manual reset for underfloor heating 44
- 50 Disconnector Differential valve
- 52 56
- DHW circulation loop return Direct heating circuit 64
- Heating circuit with mixing valve Manual radiator valve 65 67

VM_F0015

USAGE OPTIONS

FOR THE VM DIEMATIC EVOLUTION CONTROL SYSTEM

CONTROL SYSTEM USED AS A MIXED CONTROL UNIT

The VM DIEMATIC EVOLUTION control system can be connected to a boiler equipped with a DIEMATIC iSystem panel via a Mod-Bus cable. In a generator cascade equipped with a DIEMATIC iSystem, the VM DIEMATIC EVOLUTION control system is slaved to the master generator. According to the installation configuration, it is possible to interconnect by means of a bus cable up to 9 VM DIEMATIC EVOLUTIONs.

2 GENERATORS + 3 HEATING CIRCUITS + 1 DHW CIRCUIT IN CASCADE CONFIGURATION CONTROLLED BY VM DIEMATIC EVOLUTION



For this configuration, the following packages need to be installed on the VM DIEMATIC EVOLUTION unit:

• AD249 - PCB for three-way valve circuit + 1 flow sensor

• AD134 - For the Mod-Bus connection

• 2 x AD 199 - Valve downstream flow sensor

• 2 x AD212 - Domestic hot water tank sensor

NOTE: each of the heating circuits can be equipped with a SMART TC° connected programmable room thermostat.

KEY

- Safety valve 3
- 4 Pressure aquae
- Automatic air vent Manual air vent
- 89 Isolation valve Three-way mixing valve 10
- Electronic heating pump for direct zone Pump for heating circuit with mixing valve 11a 11b
- 13 Flush valve
- Expansion vessel
- 16 21 23 Outdoor temperature sensor Flow temperature sensor

- Domestic hot water tank exchanger primary inlet Domestic hot water tank exchanger primary outlet 24 25
- Hot water booster pump Non-return valve 26 27 28 29
- Domestic cold water inlet Pressure reducer
- 30 32
- 33a
- Pressure reaucer Safety unit calibrated and sealed to 7 bar Domestic cold water loop pump Domestic hot water temperature sensor, high position Domestic hot water temperature sensor, low position 33b

Primary pump Safety thermostat with manual reset for underfloor heating

Disconnector DHW circulation loop return

Direct heating circuit Heating circuit with mixing valve Manual radiator valve Cascade flow sensor

Injection pump

34 39

44

.50

56

64 65 67

123

CONTROL PANEL DIEMATIC EVOLUTION

PRESENTATION OF THE VM DIEMATIC EVOLUTION CONTROL PANEL

The VM DIEMATIC EVOLUTION control module is particularly simple to use. The DIEMATIC EVOLUTION display is derived from the same electronic platform common to the majority of our products. The DIEMATIC EVOLUTION display maintains its aesthetics, ergonomy and configuration with the same identifications. Thanks to its overdimensioned backlit display, it establishes by means of drop-down menus a dialogue with the user, guiding them in choosing the readings or settings that they want to make. It is easy to navigate between the drop-down menus using a rotary button.

The DIEMATIC EVOLUTION button communicates clearly, notifying at any time the time, day, the various temperatures of the installation, the outdoor temperature and the status of the installation's various circuits. For the sake of simplification, the DIEMATIC EVOLUTION display is able to recognise which circuits are actually connected, and ignores those which are not used.

The display enables 2 navigation levels:

- a user level: accessible by the end user, enabling them to alter certain parameters relating to the temperatures of the various operating modes and programming of various comfort periods, etc.
- an installer level: accessible the installer only. They can configure the installation's various parameters and check the operation.



- fixed green = normal operation
- flashing green = warning
 continuous red = blockage (shutdown)

flashing red = lock out

The VM DIEMATIC EVOLUTION panel comes as standard with a programmable control system, working in accordance with the outdoor temperature and possibly the room temperature if a remote control (deliverable as an option) is connected.

The VM DIEMATIC EVOLUTION comes able to automatically operate a central heating installation with 2 direct zones or 2 mixing valves (however, the flow sensor - package AD199 - should be ordered separately).

By simply adding 1 heating circuit or an auxiliary circuit with the "PCB + sensor for 1 valve circuit" option (package AD249), it will be possible to control up to 3 circuits in total, and potentially equipping each of these circuits with a remote control (optional).

Connecting a sensor or 2 domestic hot water sensors enables programming and control of up to 2 DHW circuits (package AD212 - option).

This control system has been specifically developed to enable optimal management of systems. It allows the installer to configure the entire heating system, no matter how complex. For larger installations, it is also possible to connect to boilers equipped with DIEMATIC EVOLUTION or iSystem in cascade configuration.

To connect more than 3 possible circuits to a network, provide a 2nd VM DIEMATIC EVOLUTION (or even more) VM DIEMATIC EVOLUTION manages a cascade and circuits system, with up to 8 DIEMATIC EVOLUTION or Inicontrol 2 appliances, and up to 24 heating circuits and 16 DHW.

CONTROL PANEL

HEATING PROGRAMMING OPERATING PRINCIPLE

The VM DIEMATIC EVOLUTION control system controls up to 3 hydraulic circuits (circuit with motorised three-way valve, direct zone) and an auxiliary circuit by action on the pumps (with the package AD249 option).

- Connecting a room sensor provides an auto-adaptive heating gradient, and ambient correction of each circuit.
- The control system incorporates:
- automatic summer/winter switchover (setting equilibrium point with pump anti-sticking function; option of summer mode forced by the function).
- $\boldsymbol{\cdot}$ an "installation frost protection" function active whatever the operating mode,
- an "anti-legionella" protection function for the domestic hot water circuit(s).

HEATING PROGRAMMING

The VM DIEMATIC EVOLUTION control system is supplied with 3 programs in its memory (P1, P2, P3). For each circuit connected to the control system, we can apply one of these programs. The program is easy to select, using the quick-access menu.

Program P1 is active upon commissioning. Programs P1 to P3 can be customised differently for each circuit connected. Programming is possible day by day, periods of several days and by circuit.

This day programming can be copied to other days of the week.

It is possible at any time to restore the standard programs presents upon initial commissioning.

CLOCK POWER RESERVE

The clock has a 2-year power reserve. After 2 years without power, only the clock will need to be reset; all the other values, including the programming, will remain in the memory

MEASUREMENTS AND DIAGNOSTIC HELP DISPLAY

The values measured by the control system for the various circuits or sensors are displayed on the home screen, but it is possible on the installer menu:

- to have read-access to additional values,
- to check the operation of all the installation components (remote control, valve(s), pump(s), etc.),
- to read the set point values calculate by the controller and factored into the installation's operation,
- to view the status of the logic inputs (other than the sensors),
- to test the interconnections and configurations.

ALARMS

In case of an operating fault, the module displays in clear text an error message and a corresponding code.

ELECTRICAL CONNECTIONS DIEMATIC EVOLUTION

ELECTRICAL CONNECTIONS

All of the connections are grouped in the bottom part of the unit, in a dedicated zone. The cables enter the unit via break-through inputs (glands supplied). The electrical connections are made to the clearly marked terminal blocks.

IMPORTANT

The maximum switchable current per output is 2Acosw = 0.7 (~450 W or 0.5 HP mechanical motor). The inrush current must be less than 16 A. The sensor wires (very low voltage) and those carrying 230 V must be placed in separate cable raceways. In every case, a minimum gap of 10 cm must be respected

REPRESENTATION OF THE CONNECTION TERMINAL BLOCK



- Bus connection, interconnections between VM DIEMATIC EVOLUTION modules Α
- В Very low voltage connections, sensors, logic inputs
- C Low-voltage connections (230 V), power supply, pumps, three-way valves, safety contacts



VIM_Q0010

EEC-01 printed circuit board with cB-05 connecting PCB



EEC-01 PRINTED CIRCUIT BOARD



кеу

- Room sensor circuit A
- Room sensor circuit B Room sensor circuit C 2 3
- 4 Programmable input and 0 - 10 V
- 5 6 7 Outdoor temperature sensor Impressed current anode
- Flow sensor circuit A Flow sensor circuit B 8
- Flow sensor circuit C
- Domestic hot water sensor System 2 sensor System 1 sensor 10 11
- 12
- 13 14
- Pump and safety thermostat circuit A Three-way valve circuit A
- Pump and safety thermostat circuit B Three-way valve circuit B Domestic hot water tank pump Connector for S-BUS cable to printed 15
- 16 17
- 18
- circuit board CB-05 L-BUS connection (END connector) 19
- L-BUS connection to DIEMATIC 20 Evolution control panel
- 21 S-BUS connectors to front panel connector
- Mod-BUS connectors to iSystem control panel in cascade mode 22
- 23 Encoding wheel, used to select a generator number in the cascade in Mod-BUS

SAFETY CONTACTS (TS)

The shunts can be removed, and replaced by underfloor heating start pump cut-out limiters.

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OPTIONS FOR THE CONTROL SYSTEM

CONTROL SYSTEM OPTIONS

Image: Sector Sector



Q007

SMARTTC

WCA_Q0152

Q022



I CONTRACTOR





OUTDOOR TEMPERATURE SENSOR - PACKAGE FM46

SENSOR FOR DOMESTIC HOT WATER (LENGTH 5 M) - PACKAGE AD212

It is used to regulate with temperature priority and program domestic hot water production via an accumulator tank.

FLOW SENSOR DOWNSTREAM OF VALVE (LENGTH 2.5 M) - PACKAGE AD199

This sensor is used to measure the heating water flow temperature.

SENSOR FOR BUFFER TANK (LENGTH 5 M) - PACKAGE AD250

Comprises 1 sensor for managing a buffer tank with a boiler equipped with a DIEMATIC EVOLUTION wall-mounted control system.

WIRED PROGRAMMABLE ROOM THERMOSTAT - PACKAGE AD137 WIRELESS PROGRAMMABLE ROOM THERMOSTAT - PACKAGE AD200

Programmable thermostats provide weekly programming and regulation of the heating by activating the burner according to the various operating modes: "Automatic" depending on the programming, "Permanent" at a set temperature or "Holiday". The "wireless" version is delivered with a receiver box to be mounted on the wall close to the boiler.

PCB + SENSOR FOR 1 MIXING VALVE (LENGTH 2.5 M) - PACKAGE AD249

It is used to control a mixing valve with an electromechanical or electrothermal motor. The PCB is inserted in the DIEMATIC EVOLUTION panel and is connected using plug-in connectors. VM DIEMATIC EVOLUTION can house 1 "PCB + sensor" option, enabling it to control 1 additional mixing valve.

SMART TC° CONNECTED ROOM THERMOSTAT (WIRED R-BUS) - PACKAGE AD324

The SMART TC° connected room thermostat is designed to be connected via an R-BUS cable to our MODULENS O PRO, EVODENS and NeOvo boilers and our ALEZIO S V200 and ALEZIO COMPACT heat pumps. It is used to remote control the heating and domestic hot water via a free to download application easy for the user to learn, with

It is used to remote control the heating and domestic hot water via a tree to download application easy tor the user to learn, with the option of enabling a professional to access their installation.

S-BUS CABLE (WITH TERMINATIONS):

- · LENGTH 1.5 M- PACKAGE AD308
- · LENGTH 12 M- PACKAGE AD309
- · LENGTH 20 M- PACKAGE AD310

The BUS cable enables two boilers equipped with the DIEMATIC EVOLUTION or IniControl 2 panel to be connected as part of a cascade installation. The cable can also connect 2 VM DIEMATIC EVOLUTIONs.

S-BUS TERMINATIONS - PACKAGE AD321

MODBUS CONNECTION CABLE (LENGTH 12 M) - PACKAGE AD134

It provides the link between the wall-mounted VM DIEMATIC EVOLUTION control system and the boiler's DIEMATIC iSystem panel.

INTER-MODULE CONNECTION CABLE (LENGTH 1.5 M) - PACKAGE AD214

It provides the link between the wall-mounted VM DIEMATIC EVOLUTION control system and the boiler's DIEMATIC iSystem panel.

MODBUS CONNECTION CABLE (LENGTH 40 M) - PACKAGE DB119

It is designed to replace equally well 12 m and 1 m cables, if the latter prove too short.







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