



Number	18GR0280/00	Contract number	E 1821
Issue date	23-05-2018	Scope	(EU) 2016/426 (9 March 2016)
Due date	23-05-2028	Module	B (Type testing)
PIN	0063BO1289	Report number	122464

## EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the automatic burner control systems, type(s):

**BIC 3xx**

manufactured by

**S.I.T. Controls B.V.  
Hoogeveen, The Netherlands**

meet(s) the essential requirements as described in the  
**Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

The compliance is based on examination to EN 298:2012, EN 14459:2007.

The product(s) has/have been approved for all EU and EFTA countries.

A description of the specific types is given in the appendix to this certificate.

Luc Leroy, Kiwa



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer: S.I.T. Controls B.V.

Types:

BIC 321  
BIC 327 MCR  
BIC 328  
BIC 328 Open Vented  
BIC 328 South Europe  
BIC 335  
BIC 336

Descriptions of available types:

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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

### BIC 321

#### Scope:

Application:	Appliances burning gaseous fuels and non-permanent operation
Flame detection:	Ionisation
Applied technology:	Complex electronics
Ambient temperature:	0 °C to +60 °C
Electrical supply:	230 Vac 50 Hz
Protection:	IP 00
Installation environment	Pollution degree 1, 2 or 3
Gas valve output:	230 Vac / max. 100 VA

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

#### Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Overheat cut-out by manual reset electromechanical cut-out *):	EN 298	Class C

\*) Approval of the electromechanical cut-out is not included.

#### Remarks/special conditions:

Temperature sensors are not safety critical, overheat cut off is performed by means of an overheat thermostat.



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

### BIC 327 MCR / BIC 328 xx

#### Scope:

Application:	Appliances burning gaseous fuels and non-permanent operation
Flame detection:	Ionisation
Applied technology:	Complex electronics
Ambient temperature:	0 °C to +60 °C
Electrical supply:	230 Vac 50 Hz
Protection:	IP 00
Installation environment	Pollution degree 1, 2 or 3
Gas valve output:	230 Vac / max. 100 VA

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

#### Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Overheat cut-out by electromechanical cut-out (overheat protection) using high limit switch: *)	EN 298	Class C

\*) Approval of the electromechanical cut-out is not included.

#### Remarks/special conditions:

Temperature sensors are not safety critical, overheat cut off is performed by means of an overheat thermostat.



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

### BIC 335

#### Scope:

Application:	Appliances burning gaseous fuels and non-permanent operation
Flame detection:	Ionisation
Applied technology:	Complex electronics
Ambient temperature:	0 °C to +60 °C
Electrical supply:	230 Vac 50 Hz
Protection:	IP 00
Installation environment	Pollution degree 1, 2 or 3
Gas valve output:	230 Vac / max. 200 VA

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

#### Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Overheat cut-out by electromechanical cut-out (overheat protection) using high limit switch: *)	EN 298	Class C
Temperature control function (TCF) (overheat protection) using NTC's:*)	EN 14459, Annex K	Class C

\*) Approval of the electromechanical cut-out / sensing element is not included.

#### Remarks/special conditions:

Temperature sensors are safety critical. Overheat cut off is performed by means of an overheat thermostat and/or the flow and return sensor.



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## APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

### BIC 336

#### Scope:

Application:	Appliances burning gaseous fuels and non-permanent operation
Flame detection:	Ionisation
Applied technology:	Complex electronics
Ambient temperature:	0 °C to +60 °C
Electrical supply:	230 Vac 50 Hz
Protection:	IP 00
Installation environment	Pollution degree 1, 2 or 3
Gas valve output:	230 Vac / max. 200 VA

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

#### Approved safety relevant functions:

Automatic burner control system:	EN 298	Class C
Overheat cut-out by electromechanical cut-out (overheat protection) using high limit switch: *)	EN 298	Class C

\*) Approval of the electromechanical cut-out is not included.

#### Remarks/special conditions:

Temperature sensors are not safety critical. Overheat cut off is performed by means of an external overheat thermostat in the supply of the burner control