specs

BASE

HUB

FE

max. 4 units cable-connected

Electrical equipment like switch cabinets, meter boxes and computers are potential seats of fire.
From now on these objects can be protected optimally thanks to the NOFIQ fire protection system.

NOFIQ continuously monitors the carbon monoxide concentration and the temperature inside these objects.
As soon as one of these value increases at a certain rate or reaches a critical level, an alarm will be reported
to the alarm management station.

NOFIQ detects, alarms and extinguishes a starting fire automatically.

Existing systems, like for example sprinklers, are only put into operation after the inside of the electrical
equipment is completely on fire and flames are already outside of the objects. From that moment on a fire is
much harder to control and it will result in smoke, soot and water damage.

Thanks to NOFIQ, fire detecting, alarming and extinguishing is now possible without human intervention.
Thus rapid expansion of a fire is prevented.
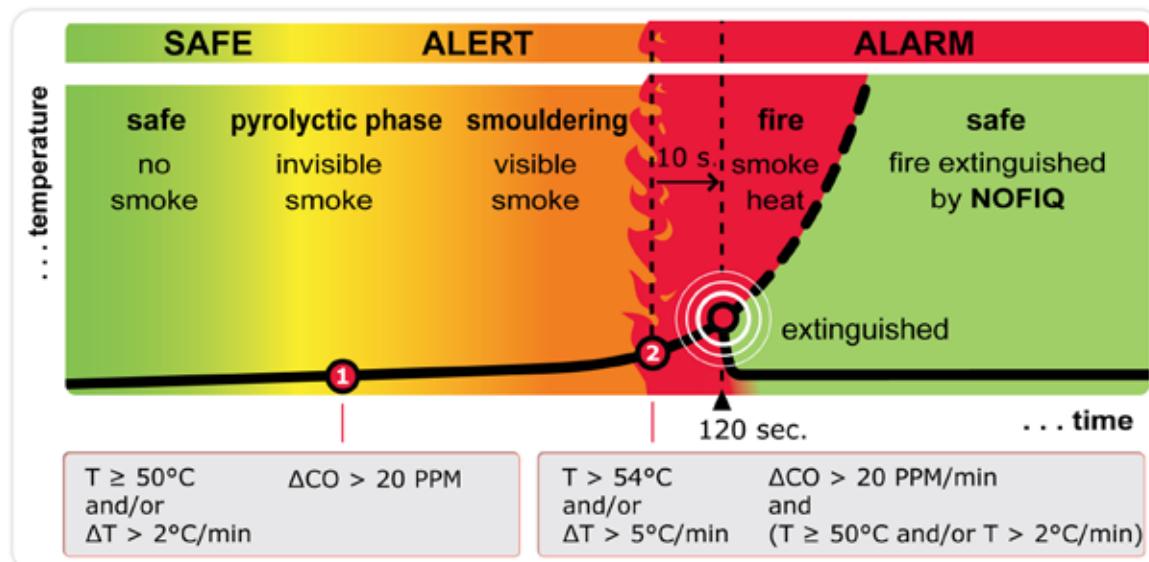
SAFE	ALERT		ALARM	
safe	pyrolyctic phase	smouldering	fire	safe
no smoke	invisible smoke	visible smoke	10 s. smoke heat	fire extinguished by **NOFIQ**

... temperature

extinguished

120 sec. ... time

T ≥ 50°C and/or $\Delta T > 2°C/min$	$\Delta CO > 20$ PPM		T > 54°C and/or $\Delta T > 5°C/min$	$\Delta CO > 20$ PPM/min and (T ≥ 50°C and/or T > 2°C/min)

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specs

The **NOFIQ BASE** is the alarm management station of the NOFIQ fire protection system. The **NOFIQ BASE** registers alarm and error messages reported by the system's FE's and HUBs. The **NOFIQ BASE** can be connected to existing infrastructure (building management system, existing fire alarm installation, etc.)

art. nr.:1020.1000.0000
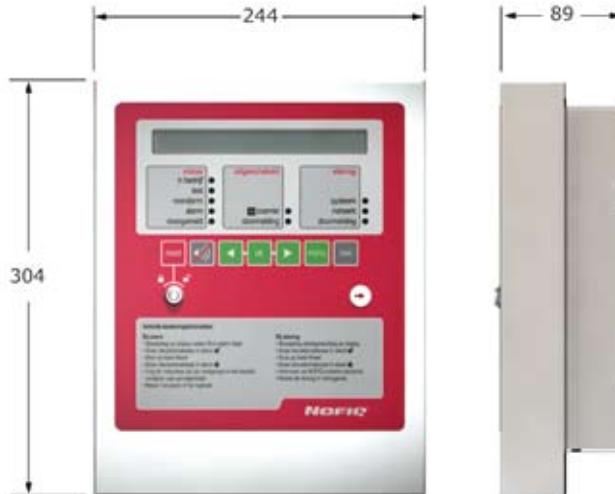
application	alarm management station
installation	according to user manual by trained installers
directives	BRL K21014
display	type LCD; number of characters 2 x 40
acoustic signal	4/5 kHz @ 65 dB(A)
optical signal	10 coloured LEDs (red, yellow and green)
power supply	primary power supply: AC-DC adapter 110V-260V 50-60 Hz emergency power supply: maintenance-free battery, at least 24 hours
output / input	5 x potential-free switch contacts 24V DC / 1A (max. 30V DC / 1A) (notification alarm, error); RS232 connector (configuration and maintenance); 1 x RJ11 analogue telephone connector (for notification of alarm or error over telephone line); serial communication BASE-HUB
environmental requirements	temperature -10°C...+60°C; air humidity <95% RH; air pressure 86-106 kPa
housing	Fe360 powdercoat / IP30, weight 4 kg; dimensions (hxwxd) 304 x 244 x 89mm
accessories supplied	1 x right-angled euro connector (art.nr. 1020.1000.0020) 1 x manual (art.nr. 1020.1000.0009) 1 x warning sign (art.nr. 1020.1000.0016) 2 x authorisation keys; 2 x cabinet keys; 6 x cable couplings (art.nr. 1020.1000.0023) 3 metres fire-resistant cable type E30 (art.nr. 1020.1000.0018)
review	Efectis Nederland BV - Thales Nederland BV - TüV Rheinland EPS - Kiwa Nederland BV

The NOFIQ BASE-HUB is the transfer station of the NOFIQ BASE. The NOFIQ BASE-HUB translates all messages sent by FE's and HUBs to the BASE. The NOFIQ BASE-HUB is always supplied in combination with the NOFIQ BASE.

specs

art. nr.:1020.2000.0000
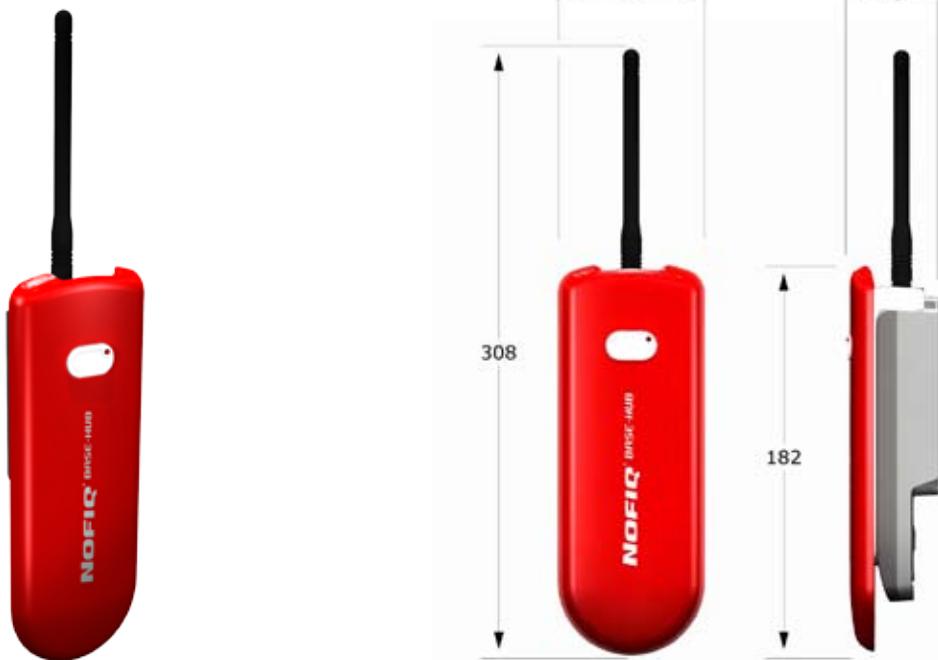
application	transmitting and receiving station of the NOFIQ BASE
installation	according to user manual by trained installers
directives	BRL K21014
frequency	2.4 GHz ISM band (Industrial, Scientific & Medical)
optical signal	3 coloured LEDs (red, yellow & green)
power supply	through NOFIQ BASE
output / input	serial communication with the NOFIQ BASE
environmental requirements	temperature -10°C...+60°C; air humidity <95% RH; air pressure 86-106 kPa
housing	polycarbonate / class V-2 / IP30; weight 250 gr.; dimensions (h x w x d) 272 x 74 x 46 mm
accessories supplied	1 x NOFIQ antenna (art.nr. 1020.4000.0009)
optional accessories	NOFIQ advanced antenna
review	Efectis Nederland BV - Thales Nederland BV - TüV Rheinland EPS - Kiwa Nederland BV

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The NOFIQ HUB routes the wireless signal from the various NOFIQ FE's and other HUBs to the BASE. The NOFIQ HUB bridges the distance between the various components. A large network of NOFIQ FE's, spread out over larger distances, is no problem thanks to the NOFIQ HUB.

specs

art. nr.:1020.3000.0000
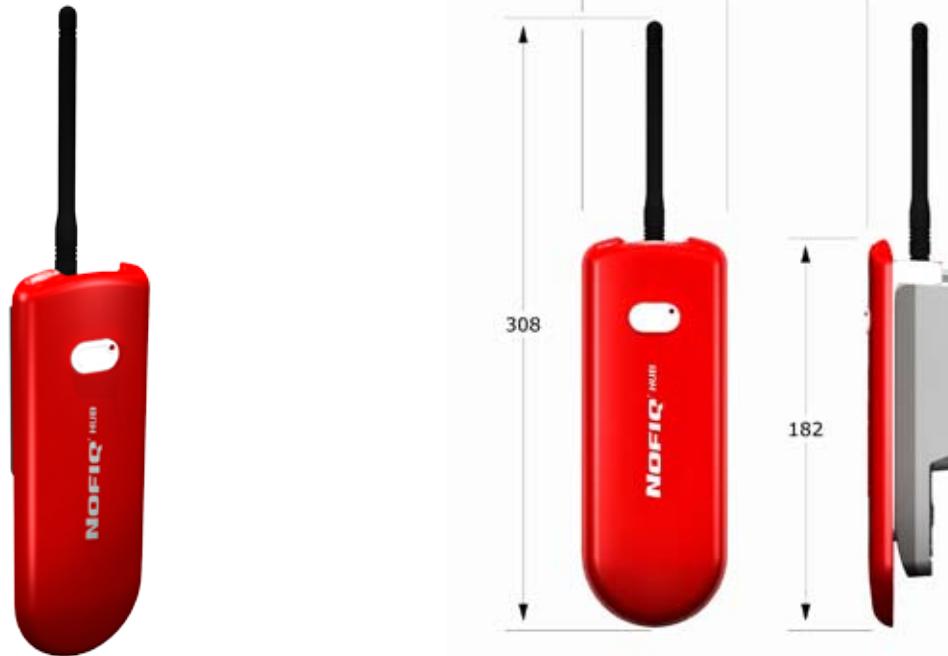
application	signal repeater NOFIQ system
installation	according to user manual by trained installers
directives	BRL K21014
frequency	2.4 GHz ISM band (Industrial, Scientific & Medical)
acoustic signal	4/5 kHz @ 55 dB(A)
optical signal	3 coloured LEDs (red, yellow & green)
power supply	internal: NOFIQ battery-pack, lifetime 2 years (art.nr. 1020.4000.0010) external: NOFIQ mains power adapter (art.nr. 1020.3000.0004)
output / input	input external power supply (primary power supply / supplemental battery-pack)
environmental requirements	temperature -10ºC...+60ºC; air humidity <95% RH; air pressure 86-106 kPa
housing	polycarbonate / class V-2 / IP30; weight 250 gr.; dimensions (h x w x d) 272 x 74 x 46 mm
accessories supplied	1x NOFIQ antenna (art.nr. 1020.4000.0009) 1x NOFIQ battery-pack (art.nr. 1020.4000.0010)
optional accessories	NOFIQ advanced antenna; 1x NOFIQ mains power adapter (art.nr. 1020.3000.0004)
review	Efectis Nederland BV - Thales Nederland BV - TüV Rheinland EPS - Kiwa Nederland BV

NOFIQ® 20

The **NOFIQ FE20** is a fully automatic and autonomous extinguishing system. Thanks to an optimal combination of CO and temperature detection, it can detect, alarm, communicate and extinguish a starting fire in its initial phase. It can be applied in switch cabinets, meter boxes and computers.

art. nr.:1020.4000.0000

application	switch cabinets, meter boxes, computers
installation	according to user manual by trained installers
extinguishing agent	DSPA.nl aërosol component FP-20 (net weight extinguishing agent: 20 grams)
fire classes	solids 0,24m³; liquids 0,25m³; gasses 0,44 m³; oils and fats 0,17 m³
directives	BRL K21014
frequency	2.4 GHz ISM band (Industrial, Scientific & Medical)
acoustic signal	4/5 kHz @ 55 dB(A)
optical signal	3 coloured LEDs (red, yellow & green)
power supply	internal: NOFIQ battery-pack, lifetime 2 years (art.nr. 1020.4000.0010) external: NOFIQ mains power adapter (art.nr. 1020.3000.0004)
output / input	InterNOFIQBus (group extinguishing for max. 4 FE's); potential-free switch contact 24V / 1A (switch off ventilation provision or power sources); input external power supply (use low temp./ supplemental battery-pack)
environmental requirements	temperature -10ºC...+45ºC; air humidity <95% RH; air pressure 86-106 kPa
housing	polycarbonate / class V-2 / IP30; weight 350 gr.; dimensions (h x w x d) 249 x 44 x 68 mm
accessories supplied	1 x NOFIQ antenna (art.nr. 1020.4000.0009); 1 x NOFIQ battery-pack (art.nr. 1020.4000.0010)
optional accessories	1 x NOFIQ mains power adapter (art.nr. 1020.3000.0004); antenna extension cord; antenna base; NOFIQ advanced antenna
review	Efectis Nederland BV - Thales Nederland BV - TüV Rheinland EPS - Kiwa Nederland BV

NOFIQ® 80

The **NOFIQ FE80** is a fully automatic and autonomous extinguishing system. Thanks to an optimal combination of CO and temperature detection, it can detect, alarm, communicate and extinguish a starting fire in its initial phase. It can be applied in switch cabinets, meter boxes and computers.

specs

art. nr.:1080.4000.0000

application	switch cabinets, meter boxes, computers
installation	according to user manual by trained installers
extinguishing agent	DSPA.nl aërosol component FP-80 (net weight extinguishing agent: 80 grams)
fire classes	🄰 solids 0,89m³; 🄱 liquids 0,95m³; 🄲 gasses 1,64 m³; 🄵 oils and fats 0,64 m³
directives	BRL K21014
frequency	2.4 GHz ISM band (Industrial, Scientific & Medical)
acoustic signal	4/5 kHz @ 55 dB(A)
optical signal	3 coloured LEDs (red, yellow & green)
power supply	internal: NOFIQ battery-pack, lifetime 2 years (art.nr. 1020.4000.0010) external: NOFIQ mains power adapter (art.nr. 1020.3000.0004)
output / input	InterNOFIQBus (group extinguishing for max. 4 FE's); potential-free switch contact 24V / 1A (switch off ventilation provision or power sources); input external power supply (use low temp./ supplemental battery-pack)
environmental requirements	temperature -10ºC...+45ºC; air humidity <95% RH; air pressure 86-106 kPa
housing	polycarbonate / class V-2 / IP30; weight 690 gr. ; dimensions (h x w x d) 312 x 68 x 97 mm
accessories supplied	1 x NOFIQ antenna (art.nr. 1020.4000.0009); 1 x NOFIQ battery-pack (art.nr. 1020.4000.0010)
optional accessories	1 x NOFIQ mains power adapter (art.nr. 1020.3000.0004); antenna extension cord; antenna base; NOFIQ advanced antenna
review	Efectis Nederland BV - Thales Nederland BV - TüV Rheinland EPS - Kiwa Nederland BV