

Certificate of Product Approval

Certificate Number: 378q-(cl-1)

Issue: 01

Eaton Electrical Products Ltd

Llantarnam Park,
Cwmbran,
NP44 3AW,
United Kingdom



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Control and Indicating equipment

EFXD01020

EFXD01040

EFXD01022

EFXD01042

(refer to Appendix for details)

Standards

EN 54-2:1997 + A1:2006

EN 54-4:1997 + A1:2002 + A2:2006

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

E.Mattie-Suleiman

Verifier

26 October 2021

Date of Issue

26 October 2021

Date of First Issue



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Appendix to Certificate No: 378q-(cl-1)

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Eaton Electrical Products Ltd

Certified Product	Description	LPCB Ref.No.
EFXD01020	xDetect 1-2 Loop Analogue Addressable Control and Indicating Equipment	378q/01
	Incorporating the following modules:	
	EFXD05001 xDetect Loop Card 1 Loop Protocol 800 (x2 Cards)	
	EFXD05082 xDetect CIE Backplane Small Enclosure	
	EFXD05053 xDetect CIE Int. Single PSE backplane	
	EFXD05080 xDetect CIE Panel Gateway Card	
	EFXD05030 xDetect Programmable IO Card	
	EFXD05020 xDetect Sounder Circuit Card 2 Outputs	
	36-A780 xDetect HMI	
	26-A470 xDetect HMI Screen Module	
	EFXD05051 xDetect CIE Int. Power Supply 150W	
	Incorporating the following optional modules:	
	EFXD05040 xDetect Network Card	
	Mechanical optional modules:	
	EFXD05091 xDetect CIE Door Small HMI Only	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm device(s)	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	
	7.10.1 Outputs to fire protection equipment - Output type A	
	7.10.2 Outputs to fire protection equipment - Output type B	
	7.10.3 Outputs to fire protection equipment - Output type C	

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Certified Product	Description	LPCB Ref.No.
	7.11 Delays to outputs 7.12.3 Dependencies on more than one alarm signal - Type C 7.13 Alarm Counter 8.3 Fault signals from points 8.4 Total loss of the power supply 8.9 Output to fault warning routing equipment 9.5 Disablement of each address point 10 Test condition Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
EFXD01040	xDetect 1-4 Loop Analogue Addressable Control and Indicating Equipment Incorporating the following modules: EFXD05001 xDetect Loop Card 1 Loop Protocol 800 (x4 Cards) EFXD05081 xDetect CIE Backplane Large Enclosure EFXD05052 xDetect CIE Int. Dual PSE backplane EFXD05080 xDetect CIE Panel Gateway Card EFXD05030 xDetect Programmable IO Card EFXD05020 xDetect Sounder Circuit Card 2 Outputs 36-A780 xDetect HMI 26-A470 xDetect HMI Screen Module EFXD05051 xDetect CIE Int. Power Supply 150W	378q/02

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Certified Product	Description	LPCB Ref.No.
	<p>Incorporating the following optional modules: EFXD05040 xDetect Network Card</p> <p>Mechanical optional modules: EFXD05092 xDetect CIE Door Large HMI Only</p> <p>Certified with the following options with requirements from EN 54-2:</p> <ul style="list-style-type: none"> 7.8 Output to fire alarm device(s) 7.9.1 Output to fire alarm routing equipment 7.9.2 Alarm confirmation input from fire alarm routing equipment 7.10.1 Outputs to fire protection equipment - Output type A 7.10.2 Outputs to fire protection equipment - Output type B 7.10.3 Outputs to fire protection equipment - Output type C 7.11 Delays to outputs 7.12.3 Dependencies on more than one alarm signal - Type C 7.13 Alarm Counter 8.3 Fault signals from points 8.4 Total loss of the power supply 8.9 Output to fault warning routing equipment 9.5 Disablement of each address point 10 Test condition <p>Notes:</p> <ol style="list-style-type: none"> 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13. 	

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Certified Product	Description	LPCB Ref.No.
EFXD01022	xDetect 1-2 Loop Addressable Control and Indicating Equipment	378q/03
	Incorporating the following modules:	
	EFXD05001 xDetect Loop Card 1 Loop Protocol 800 (x2 Cards)	
	EFXD05082 xDetect CIE Backplane Small Enclosure	
	EFXD05053 xDetect CIE Int. Single PSE backplane	
	EFXD05080 xDetect CIE Panel Gateway Card	
	EFXD05030 xDetect Programmable IO Card	
	EFXD05020 xDetect Sounder Circuit Card 2 Outputs	
	36-A780 xDetect HMI	
	26-A470 xDetect HMI Screen Module	
	EFXD05051 xDetect CIE Int. Power Supply 150W	
	Incorporating the following optional modules:	
	EFXD05040 xDetect Network Card	
	EFXD05060 xDetect Zonal Indicator Board - 128 Zone	
	Mechanical optional modules:	
	EFXD05091 xDetect CIE Door Small HMI Only	
	EFXD05093 xDetect CIE Door Small 128 Zone	
	Certified with the following options with requirements from EN 54-2:	
	7.8 Output to fire alarm device(s)	
	7.9.1 Output to fire alarm routing equipment	
	7.9.2 Alarm confirmation input from fire alarm routing equipment	

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Certified Product	Description	LPCB Ref.No.
	7.10.1 Outputs to fire protection equipment - Output type A 7.10.2 Outputs to fire protection equipment - Output type B 7.10.3 Outputs to fire protection equipment - Output type C 7.11 Delays to outputs 7.12.3 Dependencies on more than one alarm signal - Type C 7.13 Alarm Counter 8.3 Fault signals from points 8.4 Total loss of the power supply 8.9 Output to fault warning routing equipment 9.5 Disablement of each address point 10 Test condition Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	
EFXD01042	xDetect 1-4 Loop Addressable Control and Indicating Equipment Incorporating the following modules: EFXD05001 xDetect Loop Card 1 Loop Protocol 800 (x4 Cards) EFXD05081 xDetect CIE Backplane Large Enclosure EFXD05052 xDetect CIE Int. Dual PSE backplane EFXD05080 xDetect CIE Panel Gateway Card EFXD05030 xDetect Programmable IO Card EFXD05020 xDetect Sounder Circuit Card 2 Outputs 36-A780 xDetect HMI	378q/04

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Certified Product	Description	LPCB Ref.No.
26-A470	xDetect HMI Screen Module	
EFXD05051	xDetect CIE Int. Power Supply 150W	
Incorporating the following optional modules:		
EFXD05040	xDetect Network Card	
EFXD05060	xDetect Zonal Indicator Board - 128 Zone	
Mechanical optional modules:		
EFXD05092	xDetect CIE Door Large HMI Only	
EFXD05094	xDetect CIE Door Large 128 Zone	
EFXD05095	xDetect CIE Door Large 256 Zone	
Certified with the following options with requirements from EN 54-2:		
7.8	Output to fire alarm device(s)	
7.9.1	Output to fire alarm routing equipment	
7.9.2	Alarm confirmation input from fire alarm routing equipment	
7.10.1	Outputs to fire protection equipment - Output type A	
7.10.2	Outputs to fire protection equipment - Output type B	
7.10.3	Outputs to fire protection equipment - Output type C	
7.11	Delays to outputs	
7.12.3	Dependencies on more than one alarm signal - Type C	
7.13	Alarm Counter	
8.3	Fault signals from points	
8.4	Total loss of the power supply	
8.9	Output to fault warning routing equipment	
9.5	Disablement of each address point	

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	10 Test condition Notes: 1. Scope of approval does not include the operation of the network functionality 2. This product approval does not constitute compliance with the fire detection and alarm system requirements of EN54-13.	

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