



## List No. NHVFPCB161

### NH VM160

16A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

#### Product Specification Data

Revision Date: 15/10/2021

Rated permanent current I <sub>n</sub>	16 A
Rated voltage	415 V
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA
Overload release current setting	16-16 A
Adjustment range undelayed short-circuit release	320-320 A
Integrated earth fault protection	No
Type of electrical connection of main circuit	Other
Device construction	Complete device in housing
Suitable for DIN rail (top hat rail) mounting	No
DIN rail (top hat rail) mounting optional	No
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
With switched-off indicator	No
With under voltage release	No
Number of poles	1
Position of connection for main current circuit	Other
Type of control element	Toggle
Complete device with protection unit	Yes
Motor drive integrated	No
Motor drive optional	No
Degree of protection (IP)	IP40
Product Standard/s	IEC 60947-2,-3,-4
Frequency	50/60 Hz
CE Conformity	Yes
WEEE Symbol	Yes
UKCA Conformity	Yes
Height	130 mm
Width	25 mm

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this datasheet, specifications and performance data are constantly changing. Latest details can be obtained from the Electrium website.

Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB201

### NH VM160

20A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	20 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	20-20 A	
Adjustment range undelayed short-circuit release	320-320 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB321

### NH VM160

32A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	32 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	32-32 A	
Adjustment range undelayed short-circuit release	320-320 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB401

### NH VM160

40A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	40 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	40-40 A	
Adjustment range undelayed short-circuit release	400-400 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB501

### NH VM160

50A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	50 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	50-50 A	
Adjustment range undelayed short-circuit release	500-500 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB631

### NH VM160

63A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	63 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	63-63 A	
Adjustment range undelayed short-circuit release	630-630 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB801

### NH VM160

80A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	80 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	80-80 A	
Adjustment range undelayed short-circuit release	800-800 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB1001

### NH VM160

100A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	100 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	100-100 A	
Adjustment range undelayed short-circuit release	1000-1000 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB1251

### NH VM160

125A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

#### Product Specification Data

Revision Date: 15/10/2021

Rated permanent current I <sub>n</sub>	125 A
Rated voltage	415 V
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA
Overload release current setting	125-125 A
Adjustment range undelayed short-circuit release	1250-1250 A
Integrated earth fault protection	No
Type of electrical connection of main circuit	Other
Device construction	Complete device in housing
Suitable for DIN rail (top hat rail) mounting	No
DIN rail (top hat rail) mounting optional	No
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
With switched-off indicator	No
With under voltage release	No
Number of poles	1
Position of connection for main current circuit	Other
Type of control element	Toggle
Complete device with protection unit	Yes
Motor drive integrated	No
Motor drive optional	No
Degree of protection (IP)	IP40
Product Standard/s	IEC 60947-2,-3,-4
Frequency	50/60 Hz
CE Conformity	Yes
WEEE Symbol	Yes
UKCA Conformity	Yes
Height	130 mm
Width	25 mm

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Depth	70 mm
Weight	0 Kg

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## List No. NHVFPCB1601

### NH VM160

160A 25kA 1P NHV MCCB FTFM c/w Box Terminals



- Fixed Thermal & Magnetic Elements
- 25kA @ 240V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm<sup>2</sup>
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I <sub>n</sub>	160 A	
Rated voltage	415 V	
Rated short-circuit breaking capacity I <sub>cu</sub> at 400 V, 50 Hz	5 kA	
Overload release current setting	160-160 A	
Adjustment range undelayed short-circuit release	1600-1600 A	
Integrated earth fault protection	No	
Type of electrical connection of main circuit	Other	
Device construction	Complete device in housing	
Suitable for DIN rail (top hat rail) mounting	No	
DIN rail (top hat rail) mounting optional	No	
Number of auxiliary contacts as normally closed contact	0	
Number of auxiliary contacts as normally open contact	0	
Number of auxiliary contacts as change-over contact	0	
With switched-off indicator	No	
With under voltage release	No	
Number of poles	1	
Position of connection for main current circuit	Other	
Type of control element	Toggle	
Complete device with protection unit	Yes	
Motor drive integrated	No	
Motor drive optional	No	
Degree of protection (IP)	IP40	
Product Standard/s	IEC 60947-2,-3,-4	
Frequency	50/60 Hz	
CE Conformity	Yes	
WEEE Symbol	Yes	
UKCA Conformity	Yes	
Height	130 mm	
Width	25 mm	

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Depth	70 mm
Weight	0 Kg

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