



List No. NHVNPCB163

NH VM160

16A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data

Revision Date: 15/10/2021

Rated permanent current I _n	16 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	11-16 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	3
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	76 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. NHVNPCB203

NH VM160

20A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data Revision Date: 15/10/2021

Rated permanent current I _n	20 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	14-20 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	3
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	76 mm

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB323

NH VM160

32A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I _u	32 A	
Rated voltage	500 V	
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA	
Overload release current setting	22-32 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	3	
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	76 mm	

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB403

NH VM160

40A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I _n	40 A	
Rated voltage	500 V	
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA	
Overload release current setting	28-40 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	3	
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	76 mm	

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB503

NH VM160

50A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data

Revision Date: 15/10/2021

Rated permanent current I _n	50 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	35-50 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	3
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	76 mm

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB633

NH VM160

63A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data

Revision Date: 15/10/2021

Rated permanent current I _n	63 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	44-63 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	3
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	76 mm

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB803

NH VM160

80A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data Revision Date: 15/10/2021

Rated permanent current I _n	80 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	56-80 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	3
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	76 mm

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Weight	0 Kg

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List No. NHVNPCB1003

NH VM160

100A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data Revision Date: 15/10/2021

Rated permanent current I _n	100 A
Rated voltage	500 V
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA
Overload release current setting	70-100 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	3
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	76 mm

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Weight	0 Kg

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List No. NHVNPCB1253

NH VM160

125A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I _u	125 A	
Rated voltage	500 V	
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA	
Overload release current setting	88-125 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	3	
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	76 mm	

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Depth	70 mm
Weight	0 Kg

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List No. NHVNPCB1603

NH VM160

160A 25kA 3P NHV MCCB ATFM c/w Box Terminals



- Adjustable Thermal & Fixed Magnetic Elements
- 25kA @ 415V AC to BS EN 60947-2
- Fitted with box terminals on line and load sides
- Maximum terminal capacity = 70mm²
- For use in NH VM160 outgoing Ways only

Product Specification Data		Revision Date: 15/10/2021
Rated permanent current I _u	160 A	
Rated voltage	500 V	
Rated short-circuit breaking capacity I _{cu} at 400 V, 50 Hz	25 kA	
Overload release current setting	112-160 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	3	
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	76 mm	

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Depth	70 mm
Weight	0 Kg

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