



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Air Circuit breaker
Type	Masterpact Series MTZ1 : type H1, H2, H3, L1 (*) MTZ2 : type N1, N2, H1, H1b, H2, H2V, H3, L1, (*) MTZ2 : type HF Unprotected Circuit-breakers MTZ2 : type HH Unprotected Circuit-breakers MTZ2 : type HA Unprotected Circuit-breakers MTZ3 : type H1, H2 (*) MTZ3 : type HA Unprotected Circuit-breakers (*) Equipped with Micrologic X Control Units: type 2.0 X, 5.0 X, 6.0X
Applicant	SCHNEIDER ELECTRIC INDUSTRIES SAS 35, rue Joseph Monier - CS 30323 92506 Rueil-Malmaison France
Manufacturers	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 Rue Pierre Mendes-France Eybens 38320 Grenoble Cedex 9 France
Factories	SCHNEIDER ELECTRIC ALPES Voie Isaac Newton, ZI Alpespace 73800, Francin, France SCHNEIDER ELECTRIC FRANCE – MASTERTECH 70 Rue de la Grange Batie. Z.I. Centr'Alp 38430 Moirans France
Testing Standards	IEC 60947-1: 2007 (ed. 5) + A1:2010 + A2:2014 IEC60947-2:2016 RINA Rules for the Classification of Ships Pt. C, Ch. 3, Sec. 6 IACS Testing Program UR E10 rev.7

Issued in **Genova** on **March 25, 2020**

This certificate is valid until **March 25, 2025**

RINA Services S.p.A.

Luigi Benedetti



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TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Air Circuit Breakers – Structure designation:

MTZ1 H1, H2, H3, L1; MTZ2 N1, N2, H1, H1b, H2, H2V, H3, L1; MTZ3 H1, H2

MTZ	2	32	H1
I	II	III	IV

I Indicates the breaker Line

II Indicates the frame size

III Indicates the current rating (x100)

IV Indicates the performance levels:

N1, N2 indicates Normal types

H1, H1B, H2, H2V, H3 indicates Heavy duty types

L1 indicates current Limiting types

Masterpact MTZ1 type H1 and H2

Rating and main characteristics:

Type H1	Rated current In (A)	Type H2	Rated current In (A)
MTZ1-06 H1	400 to 630 A	MTZ1-06 H2	400 to 630 A
MTZ1-08 H1	400 to 800 A	MTZ1-08 H2	400 to 800 A
MTZ1-10 H1	400 to 1000 A	MTZ1-10 H2	400 to 1000 A
MTZ1-12 H1	630 to 1250 A	MTZ1-12 H2	630 to 1250 A
MTZ1-16 H1	800 to 1600 A	MTZ1-16 H2	800 to 1600 A

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	H1 : 42 kA - 220/415/440/525/690V H2 : 50 kA - 220/415/440V 42 kA - 525/690V
Rated service short-circuit breaking capacity, Ics (kA)	H1 : 42 kA - 220/415/440/525/690V H2 : 50 kA - 220/415/440V 42 kA - 525/690V
Rated short-time withstand current, Icw (kA/s)	H1 : 42 kA / 1s; 24 kA/3s H2 : 42 kA / 1s; 24 kA/3s
Rated individual pole short circuit current IIT (kA)	H1: 19,2 kA H2: 19,2 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ1 type H3

Rating and main characteristics:

Type H3	Rated current I_n (A)
MTZ1-06 H3	400 to 630 A
MTZ1-08 H3	400 to 800 A
MTZ1-10 H3	400 to 1000 A
MTZ1-12 H3	630 to 1250 A
MTZ1-16 H3	800 to 1600 A

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, U_e (V)	220, 415, 440V
Rated insulation voltage, U_i (V)	1000 V
Rated impulse withstand voltage, U_{imp} (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, I_{cu} (kA)	66kA - 220/415/440V
Rated service short-circuit breaking capacity, I_{cs} (kA)	50kA - 220/415/440V
Rated short-time withstand current, I_{cw} (kA/s)	50 kA / 1s 30 kA / 3s
Rated individual pole short circuit current I_{rr} (kA)	19.2 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ1 type L1

Rating and main characteristics:

Type L1	Rated current I_n (A)
MTZ1-06 L1	400 to 630 A
MTZ1-08 L1	400 to 800 A
MTZ1-10 L1	400 to 1000 A

Selectivity category	A
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated insulation voltage, U_i (V)	1000 V
Rated impulse withstand voltage, U_{imp} (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated ultimate short-circuit breaking capacity, I_{cu} (kA)	150 kA - 220/415V 130 kA - 440V 100 kA - 525 V
Rated service short-circuit breaking capacity, I_{cs} (kA)	150 kA - 220/415 V 130 kA - 440 V 100 kA - 525V
Rated individual pole short circuit current I_{rr} (kA)	12 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type N1, N2, H1

Rating and main characteristics:

Type N1	Rated current In (A)	Type N2	Rated current In (A)	Type H1	Rated current In (A)
MTZ2-08 N1	400 to 800	MTZ2-08 N2	400 to 800	MTZ2-08 H1	400 to 800
MTZ2-10 N1	400 to 1000	MTZ2-10 N2	400 to 1000	MTZ2-10 H1	400 to 1000
MTZ2-12 N1	630 to 1250	MTZ2-12 N2	630 to 1250	MTZ2-12 H1	630 to 1250
MTZ2-16 N1	800 to 1600	MTZ2-16 N2	800 to 1600	MTZ2-16 H1	800 to 1600
MTZ2-20 N1	1000 to 2000	MTZ2-20 N2	1000 to 2000	MTZ2-20 H1	1000 to 2000
		MTZ2-25 N2	1250 to 2500	MTZ2-25 H1	1250 to 2500
				MTZ2-32 H1	1600 to 3200
				MTZ2-40 H1	2000 to 4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	N1: 42 kA - 220/415/440/525/690V N2: 50 kA - 220/415/440/525/690V H1: 66 kA - 220/415/440/525/690V
Rated service short-circuit breaking capacity, Ics (kA)	N1: 42 kA - 220/415/440/525/690V N2: 50 kA - 220/415/440/525/690V H1: 66 kA - 220/415/440/525/690V
Rated short-time withstand current, Icw (kA/s)	N1: 42 kA / 1s ; 22kA / 3s N2: 50 kA / 1s H1: 66 kA / 1s and 36kA / 3s (for ratings ≤ 2000A) H1: 66 kA / 3s (for rating ≥ 2500A)
Rated individual pole short circuit current Irr (kA)	N1 : 24kA N2 : 24 kA for rating ≤ 2000A; 50 kA for rating ≤ 2500A H1 : 24 kA for rating ≤ 2000A; 50 kA for rating ≤ 2500A



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type H1b, H2

Rating and main characteristics:

Type H1b	Rated current In (A)	Type H2	Rated current In (A)
MTZ2-08 H1b	400 to 800	MTZ2-08 H2	400 to 800
MTZ2-10 H1b	400 to 1000	MTZ2-10 H2	400 to 1000
MTZ2-12 H1b	630 to 1250	MTZ2-12 H2	630 to 1250
MTZ2-16 H1b	800 to 1600	MTZ2-16 H2	800 to 1600
MTZ2-20 H1b	1000 to 2000	MTZ2-20 H2	1000 to 2000
MTZ2-25 H1b	1250 to 2500	MTZ2-25 H2	1250 to 2500
MTZ2-32 H1b	1600 to 3200	MTZ2-32 H2	1600 to 3200
MTZ2-40 H1b	2000 to 4000	MTZ2-40 H2	2000 to 4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	H1b: 85 kA - 220/415/440/525/690V H2: 100 kA – 220/415/440 V 85 kA – 525/690 V
Rated service short-circuit breaking capacity, Ics (kA)	H1b : 85 kA - 220/415/440/525/690V H2: 100 kA – 220/415/440 V 85 kA – 525/690 V
Rated short-time withstand current, Icw (kA/s)	H1b: 85 kA / 1s H2: 85 kA/1s from 800 A to 4000 A 50 kA/3s for rating ≤ 1600 A 75 kA/3s for rating ≥ 2000 A
Rated individual pole short circuit current Irr (kA)	H1b : 50 kA H2 : 50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type H3

Rating and main characteristics:

Type H3	Rated current I_n (A)
MTZ2-20 H3	1000 to 2000
MTZ2-25 H3	1250 to 2500
MTZ2-32 H3	1600 to 3200
MTZ2-40 H3	2000 to 4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, U_e (V)	220 up to 690V
Rated insulation voltage, U_i (V)	1000 V
Rated impulse withstand voltage, U_{imp} (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, I_{cu} (kA)	150 kA - 220/415/440 V 130 kA - 525 V 100 kA - 690V
Rated service short-circuit breaking capacity, I_{cs} (kA)	150 kA - 220/415/440 V 130 kA - 525 V 100 kA - 690 V
Rated short-time withstand current, I_{cw} (kA/s)	65 kA / 3s
Rated individual pole short circuit current I_{rr} (kA)	50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type H2V

Rating and main characteristics:

Type H2V	Rated current In (A)
MTZ2-08 H2V	400 to 800
MTZ2-10 H2V	400 to 1000
MTZ2-12 H2V	630 to 1250
MTZ2-16 H2V	800 to 1600
MTZ2-20 H2V	1000 to 2000
MTZ2-25 H2V	1250 to 2500
MTZ2-32 H2V	1600 to 3200
MTZ2-40 H2V	2000 to 4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Stored energy operation (independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 440V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated ultimate short-circuit breaking capacity, Icu (kA)	100 kA – 220/415/440 V
Rated service short-circuit breaking capacity, Ics (kA)	100 kA – 220/415/440 V
Rated short-time withstand current, Icw (kA/s)	100 kA/1s and 75 kA/3s
Rated individual pole short circuit current Irr (kA)	50 kA

Masterpact MTZ2 type L1



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Rating and main characteristics:

Type L1	Rated current In (A)
MTZ2-08 L1	400 to 800
MTZ2-10 L1	400 to 1000
MTZ2-12 L1	630 to 1250
MTZ2-16 L1	800 to 1600
MTZ2-20 L1	1000 to 2000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	150 kA - 220/415/440 V 130 kA - 525 V 100 kA - 690V
Rated service short-circuit breaking capacity, Ics (kA)	150 kA - 220/415/440 V 130 kA - 525 V 100 kA - 690 V
Rated short-time withstand current, Icw (kA/s)	30 kA / 3s
Rated individual pole short-circuit current, Irr (kA)	24 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ3 type H1, H2

Rating and main characteristics:

Type H1, H2	Rated current In (A)
MTZ3-40 H1	2000 to 4000
MTZ3-50 H1	2500 to 5000
MTZ3-63 H1	3200 to 6300
MTZ3-40 H2	2000 to 4000
MTZ3-50 H2	2500 to 5000
MTZ3-63 H2	3200 to 6300

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (Independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
IP degree of protection	IP40, with escutcheon IP54, with transparent cover
Type of release	Electronic
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3 or 4
Rated ultimate short-circuit breaking capacity, Icu (kA)	H1: 100 kA - 220/415/440/525/690V H2: 150 kA - 220/415/440V 130 kA - 525V 100 kA - 690V
Rated service short-circuit breaking capacity, Ics (kA)	H1: 100 kA - 220/415/440/525/690V H2: 150 kA - 220/415/440V 130 kA - 525V 100 kA - 690V
Rated short-time withstand current, Icw (kA/s)	100 kA / 3 s
Rated individual pole short-circuit current, Irr (kA)	50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Unprotected Circuit Breaker _ Structure designation: MTZ2 HA, MTZ2 HF, MTZ2 HH, MTZ3 HA

MTZ	2	32	HA
I	II	III	IV

I Indicates the “Unprotected circuit-breakers” Line

II Indicates the frame size

III Indicates the current rating (x100)

IV Indicates the making capacity levels:

HA, HF, HH: indicates Heavy duty types

Masterpact MTZ2 type HA

Rating and main characteristics:

Type HA	Rated current In (A)
MTZ2-08 HA	800
MTZ2-10 HA	1000
MTZ2-12 HA	1250
MTZ2-16 HA	1600
MTZ2-20 HA	2000
MTZ2-25 HA	2500
MTZ2-32 HA	3200
MTZ2-40 HA	4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Stored energy operation (independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
Degree of pollution	3
Type of release	Electronic (overcurrent making release)
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated duty	Uninterrupted duty
Rated ultimate short-circuit breaking capacity, Icu (kA)	66 kA
Rated service short-circuit breaking capacity, Ics (kA)	66 kA
Rated short-time withstand current, Icw (kA/s)	66 kA/s 1 s
Rated individual pole short circuit current Itr (kA)	24 kA for rating ≤ 2000 A 50 kA for rating ≤ 2500 A



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type HF

Equipped with a “Micrologic DINF” making current release intended to instantaneously trip the device in case closing on a short- circuit current higher than its predetermined value.

Rating and main characteristics:

Type HF	Rated current In (A)
MTZ2-08 HF	800
MTZ2-10 HF	1000
MTZ2-12 HF	1250
MTZ2-16 HF	1600
MTZ2-20 HF	2000
MTZ2-25 HF	2500
MTZ2-32 HF	3200
MTZ2-40 HF	4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (independent manual & independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
Degree of pollution	3
Type of release	Electronic (overcurrent making release)
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, U_e (V)	220 up to 690V
Rated insulation voltage, U_i (V)	1000 V
Rated impulse withstand voltage, U_{imp} (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated duty	Uninterrupted duty
Rated short-time making capacity, I_{cm} (kA)	187 kA
Rated ultimate short-circuit breaking capacity, I_{cu} (kA)	85 kA
Rated service short-circuit breaking capacity, I_{cs} (kA)	100 % I_{cu}
Rated short-time withstand current, I_{cw} (kA/s)	85 kA/1s 75 kA/3s
Rated individual pole short-circuit current, I_{rr} (kA)	50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ2 type HH

Equipped with a “Micrologic DINr” making current release intended to instantaneously trip the device in case closing on a short-circuit current higher than its predetermined value.

Rating and main characteristics:

Type HH	Rated current In (A)
MTZ2-20 HH	2000
MTZ2-25 HH	2500
MTZ2-32 HH	3200
MTZ2-40 HH	4000

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Store energy operation (independent manual & independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
Degree of pollution	3
Type of release	Electronic (overcurrent making release)
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, U_e (V)	220 up to 440V
Rated insulation voltage, U_i (V)	1000 V
Rated impulse withstand voltage, U_{imp} (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated duty	Uninterrupted duty
Rated short-time making capacity, I_{cm} (kA)	220kA
Rated ultimate short-circuit breaking capacity, I_{cu} (kA)	100 kA
Rated service short-circuit breaking capacity, I_{cs} (kA)	100% I_{cu}
Rated short-time withstand current, I_{cw} (kA/s)	100 kA/1s 75 kA/3s
Rated individual pole short-circuit current, I_{rr} (kA)	50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

Masterpact MTZ3 type HA

Rating and main characteristics:

Type HA	Rated current In (A)
MTZ3-40 HA	4000
MTZ3-50 HA	5000
MTZ3-63 HA	6300

Selectivity category	B
Interruption medium	Air
Design	Moulded case
Method of controlling	Stored energy operation (independent manual and independent power)
Suitability for insulation	Suitable
Provision for maintenance	Maintainable
Method of installation	Fixed or withdrawable
Pollution degree	3
Type of release	Electronic (overcurrent making release)
Circuit breaker for use on IT Systems	Yes
Rated operational voltage, Ue (V)	220 up to 690V
Rated insulation voltage, Ui (V)	1000 V
Rated impulse withstand voltage, Uimp (kV)	12 kV
Nature of supply	AC
Rated frequency (Hz)	50/60 Hz
Total number of poles	3P or 4P
Rated ultimate short-circuit breaking capacity, Icu (kA)	85 kA
Rated service short-circuit breaking capacity, Ics (kA)	85 kA
Rated short-time withstand current, Icw (kA/s)	85 kA / 1 s
Pollution degree	3
Rated individual pole short-circuit current, Irr (kA)	50 kA



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

XF – Closing Voltage release ; **MX** –Shunt trip release; **MN** – Undervoltage release

	Closing release XF		Shunt trip release MX		Undervoltage release MN	
	Standard XF	Diagnostic & Communicating XF	Standard MX	Diagnostic & Communicating MX	Standard MN	Diagnostic MN
24 / 30Vdc 24Vac	x	x	x	x	X	x
48 / 60Vdc 48Vac	x	x	x	x	x	x
100 / 130 Vac 100 / 130 Vdc	x	x	x	x	x	x
200 / 250 Vdc 200 / 250 Vac	x	x	x	x	x	x
277 Vac	x	x	x	x	—	—
380/ 480 Vac	x	x	x	x	x	x

AC = 50 / 60 Hz

Electric Motor operator : MCH
From 48 to 480Vac 50/60 Hz
From 24 to 250Vdc

(August 08, 2017)

Test reports and certificates (IEC 60947-2: 2006 (ed.4) + A1:2009 + A2:2013):

<i>LCIE</i> CB Test Certificate n. FR-700483 according to test report n. 140491 – 692757	(Masterpact MTZ2 - N1-N2-H1)
<i>LCIE</i> CB Test Certificate n. FR-700480 according to test report n. 140491 – 692763	(Masterpact MTZ2 - H1b-H2)
<i>LCIE</i> CB Test Certificate n. FR-700383 according to test report n. 140491 – 692768	(Masterpact MTZ2 - H3)
<i>LCIE</i> CB Test Certificate n. FR-700345 according to test report n. 140491 – 697917	(Masterpact MTZ2 - L1)
<i>LCIE</i> CB Test Certificate n. FR-700391 according to test report n. 140491 – 697927	(Masterpact MTZ3 - H1 - H2)
<i>LCIE</i> CB Test Certificate n. FR-700907 according to test report n. 145009 – 694006	(Masterpact MTZ1 - H1 - H2)
<i>LCIE</i> CB Test Certificate n. FR-701040/ A1 according to test report n. 147408 – 700313	(Masterpact MTZ1 - H3)
<i>LCIE</i> CB Test Certificate n. FR-700915 according to test report n. 147408 – 700317	(Masterpact MTZ1- L1)

Environmental tests (IACS UR E10)

LCIE EMC test reports n. 143620-690532-A Ver. 02 / n. 143619-690528-A Ver. 02/ n. 141610-685260-C Ver.02
LCIE EMC test reports n. 145188-694373-C Ver. 01
VOLTA Mechanical test reports (vibration) n. 201605195_011
VOLTA Mechanical test report (inclination) n. 201605195_013
VOLTA Climatic test report (Cold/ Dry/ Damp Heat) n. 201605195_017
VOLTA EMC test reports n. 201605195_051
VOLTA EMC test reports n. 201504917_082 / n. 201504917_084
VOLTA Mechanical test reports n. 201504917_105_v1 / n. 201504917_099_v2
ENVIRONNE' TECH Mechanical test reports n. RENV-ENN-16-400870-3/A Ver. 02 and n. RENV-ENN-16-400870-4/A Ver. 02
VOLTA Climatic test reports n. 201504917_108_v1 / n. 201504917_110_v1



TYPE APPROVAL CERTIFICATE

N. ELE037620CS001

(Rev. March 23, 2020)

Test reports and certificates (IEC 60947-2:2016):

(Masterpact MTZ2 – H2V)

LCIE CB Test Certificate n. FR-707849 according to test report n. 161635 – 737436-A

(Masterpact MTZ2 – HF)

LCIE CB Test Certificate n. FR-707770 according to test report n. 157394 – 733101-A, 1911990017

(Masterpact MTZ2 – HH)

LCIE CB Test Certificate n. FR-707955 according to test report n. 1911990009

(Masterpact MTZ2 – HA)

LCIE CB Test Certificate n. FR-706948 according to test report n. 1711990011, 157394-733100-A, 1911990001

(Masterpact MTZ3 – HA)

LCIE CB Test Certificate n. FR-706952 according to test report n. 1711990012, 157394-733106-A, 1911990002

(Masterpact MTZ1 – H1-H2)

LCIE CB Test Certificate n. FR-706272 according to test report n. 157394 – 733097-A

(Masterpact MTZ1 – H3)

LCIE CB Test Certificate n. FR-706286 according to test report n. 157394 – 733098-A

(Masterpact MTZ1 – L1)

LCIE CB Test Certificate n. FR-706311 according to test report n. 157394 – 733099-A

(Masterpact MTZ2 – H1b)

LCIE CB Test Certificate n. FR-706636 according to test report n. 157394-733101-A

(Masterpact MTZ2 – H2)

LCIE CB Test Certificate n. FR-706637 according to test report n. 157394-733101-A

(Masterpact MTZ2 – H3)

LCIE CB Test Certificate n. FR-706646 according to test report n. 157394-733103-A

(Masterpact MTZ2 – L1)

LCIE CB Test Certificate n. FR-706648 according to test report n. 157394 – 733104-A

(Masterpact MTZ2 – N1-H1)

LCIE CB Test Certificate n. FR-706295 according to test report n. 157394 – 733100-A

(Masterpact MTZ2 – N2)

LCIE CB Test Certificate n. FR-706297 according to test report n. 157394 – 733100-A

(Masterpact MTZ3 – H1-H2)

LCIE CB Test Certificate n. FR-706292 according to test report n. 157394 – 733106-A

Environmental Test reports according to Test Table of IACS URE10 Rev.7

Zhejiang Fangyuan Test Group: report n. 1911990018 Jan. 09.2020 (Masterpact MTZ2 20HH & 40HF)

Zhejiang Fangyuan Test Group: report n. 1911990019 Jan. 17.2020 (Masterpact MTZ2-08N1)

Zhejiang Fangyuan Test Group: report n. 1911990024 Jan. 17.2020 (Masterpact MTZ control circuits_ MX, XF, MN)

Technical description

Schneider doc. QGH4603200 “Air Circuit-breakers” Masterpact MTZ 1 – 2 – 3 description File

Schneider doc. QGH7277800 “Unprotected Circuit-breakers” Masterpact MTZ 2 – 3 description File

Remarks :

On board reference ambient temperature is 45°C: current rated values to be considered accordingly.
Installation and use according to the Manufacturer instruction.

Note:

This certificate annuls and replaces the previous n. ELE095317CS003 (Aug. 08 2017)