

- Technical characteristics:**
- Voltage range -20% to +10%:
230 - 400 V
 - Vmax: 254 - 440 V
 - Frequency: 50 / 60 Hz
 - IP rating: IP 2X

Range	MW	MU	MC	MT	MB	MV
Breaking capacity IEC 898 (kA)	3	6	6	6	6	3
Breaking capacity IEC 947-2 (kA)		10	10	10	10	
Auxiliaries	no	no	yes	no	yes	no
Tripping curve	C	C	C	B	B	B

Designation In /A cat. ref. cat. ref. cat. ref. cat.ref. cat. ref. cat. ref.



MC106A

Designation	In /A	cat. ref.	cat. ref.	cat. ref.	cat.ref.	cat. ref.	cat. ref.
Single Pole	0.5	-	-	MC100A	-	-	-
	1	-	-	MC101A	-	-	-
	2	-	-	MC102A	-	-	-
	4	-	-	MC104A	-	-	-
	6	MW106	MU106A	MC106A	MT106A	MB106A	MV106A
	10	MW110	MU110A	MC110A	MT110A	MB110A	MV110A
	16	MW116	MU116A	MC116A	MT116A	MB116A	MV116A
	20	MW120	MU120A	MC120A	MT120A	MB120A	MV120A
	25	MW125	MU125A	MC125A	MT125A	MB125A	MV125A
	32	MW132	MU132A	MC132A	MT132A	MB132A	MV132A
	40	MW140	MU140A	MC140A	MT140A	MB140A	MV140A
	50	-	MU150A	MC150A	MT150A	MB150A	-
	63	-	MU163A	MC163A	MT163A	MB163A	-



MU220A

Designation	In /A	cat. ref.	cat. ref.	cat. ref.	cat.ref.	cat. ref.	cat. ref.
Double Pole	0.5	-	-	MC200A	-	-	-
	1	-	-	MC201A	-	-	-
	2	-	-	MC202A	-	-	-
	4	-	-	MC204A	-	-	-
	6	MW206	MU206A	MC206A	MT206A	MB206A	MV206A
	10	MW210	MU210A	MC210A	MT210A	MB210A	MV210A
	16	MW216	MU216A	MC216A	MT216A	MB216A	MV216A
	20	MW220	MU220A	MC220A	MT220A	MB220A	MV220A
	25	MW225	MU225A	MC225A	MT225A	MB225A	MV225A
	32	MW232	MU232A	MC232A	MT232A	MB232A	MV232A
	40	MW240	MU240A	MC240A	MT240A	MB240A	MV240A
	50	-	MU250A	MC250A	MT250A	MB250A	-
	63	-	MU263A	MC263A	MT263A	MB263A	-



MB316A

Designation	In /A	cat. ref.	cat. ref.	cat. ref.	cat.ref.	cat. ref.	cat. ref.
Triple Pole	0.5	-	-	MC300A	-	-	-
	1	-	-	MC301A	-	-	-
	2	-	-	MC302A	-	-	-
	4	-	-	MC304A	-	-	-
	6	MW306	MU306A	MC306A	MT306A	MB306A	MV306A
	10	MW310	MU310A	MC310A	MT310A	MB310A	MV310A
	16	MW316	MU316A	MC316A	MT316A	MB316A	MV316A
	20	MW320	MU320A	MC320A	MT320A	MB320A	MV320A
	25	MW325	MU325A	MC325A	MT325A	MB325A	MV325A
	32	MW332	MU332A	MC332A	MT332A	MB332A	MV332A
	40	MW340	MU340A	MC340A	MT340A	MB340A	MV340A
	50	-	MU350A	MC350A	MT350A	MB350A	-
	63	-	MU363A	MC363A	MT363A	MB363A	-



MB432A

Designation	In /A	cat. ref.	cat. ref.	cat. ref.	cat.ref.	cat. ref.	cat. ref.
Four pole	0.5	-	-	MC400A	-	-	-
	1	-	-	MC401A	-	-	-
	2	-	-	MC402A	-	-	-
	4	-	-	MC404A	-	-	-
	6	MW406	MU406A	MC406A	MT406A	MB406A	MV406A
	10	MW410	MU410A	MC410A	MT410A	MB410A	MV410A
	16	MW416	MU416A	MC416A	MT416A	MB416A	MV416A
	20	MW420	MU420A	MC420A	MT420A	MB420A	MV420A
	25	MW425	MU425A	MC425A	MT425A	MB425A	MV425A
	32	MW432	MU432A	MC432A	MT432A	MB432A	MV432A
	40	MW440	MU440A	MC440A	MT440A	MB440A	MV440A
	50	-	MU450A	MC450A	MT450A	MB450A	-
	63	-	MU463A	MC463A	MT463A	MB463A	-

Technical characteristics:

- Voltage range -20% to +10%:
 - MC/NCN/NDN/NR: 230 - 400V
 - HLF/HMC: 240 - 415 V
- Vmax: 254 - 440 V
- Frequency: 50 / 60 Hz
- IP rating: IP 2X
- Auxiliaries

Range	NC	NCN	NDN	NRN	HLF	HMC
Breaking capacity IEC 898 (kA)	10	10	10			
Breaking capacity IEC 947-2 (kA)		15	15	25 (20A) 20 (25-40A) 15 (50-63A)	10	15
Tripping curve	C	C	D	C	C	C



NC110A



NCN220A



NDN320A



HLF399S

Designation	In /A	cat. ref.	cat. ref.	cat. ref.	cat.ref.	cat. ref.	cat. ref.
Single Pole							
	0.5	-	NCN100A	NDN100A	NRN100	-	-
	1	-	NCN101A	NDN101A	NRN101	-	-
	2	-	NCN102A	NDN102A	NRN102	-	-
	4	-	NCN104A	NDN104A	NRN104	-	-
	6	NC106A	NCN106A	NDN106A	NRN106	-	-
	10	NC110A	NCN110A	NDN110A	NRN110	-	-
	16	NC116A	NCN116A	NDN116A	NRN116	-	-
	20	NC120A	NCN120A	NDN120A	NRN120	-	-
	25	NC125A	NCN125A	NDN125A	NRN125	-	-
	32	NC132A	NCN132A	NDN132A	NRN132	-	-
	40	NC140A	NCN140A	NDN140A	NRN140	-	-
	50	NC150A	NCN150A	NDN150A	NRN150	-	-
	63	NC163A	NCN163A	NDN163A	NRN163	-	-
	80*	-	-	-	-	HLF180S	HMC180
	100*	-	-	-	-	HLF190S	HMC190
	125*	-	-	-	-	HLF199S	HMC199
Double Pole							
	0.5	-	NCN200A	NDN200A	NRN200	-	-
	1	-	NCN201A	NDN201A	NRN201	-	-
	2	-	NCN202A	NDN202A	NRN202	-	-
	4	-	NCN204A	NDN204A	NRN204	-	-
	6	NC206A	NCN206A	NDN206A	NRN206	-	-
	10	NC210A	NCN210A	NDN210A	NRN210	-	-
	16	NC216A	NCN216A	NDN216A	NRN216	-	-
	20	NC220A	NCN220A	NDN220A	NRN220	-	-
	25	NC225A	NCN225A	NDN225A	NRN225	-	-
	32	NC232A	NCN232A	NDN232A	NRN232	-	-
	40	NC240A	NCN240A	NDN240A	NRN240	-	-
	50	NC250A	NCN250A	NDN250A	NRN250	-	-
	63	NC263A	NCN263A	NDN263A	NRN263	-	-
	80*	-	-	-	-	HLF280S	HMC280
	100*	-	-	-	-	HLF290S	HMC290
	125*	-	-	-	-	HLF299S	HMC299
Triple Pole							
	0.5	-	NCN300A	NDN300A	NRN300	-	-
	1	-	NCN301A	NDN301A	NRN301	-	-
	2	-	NCN302A	NDN302A	NRN302	-	-
	4	-	NCN304A	NDN304A	NRN304	-	-
	6	NC306A	NCN306A	NDN306A	NRN306	-	-
	10	NC310A	NCN310A	NDN310A	NRN310	-	-
	16	NC316A	NCN316A	NDN316A	NRN316	-	-
	20	NC320A	NCN320A	NDN320A	NRN320	-	-
	25	NC325A	NCN325A	NDN325A	NRN325	-	-
	32	NC332A	NCN332A	NDN332A	NRN332	-	-
	40	NC340A	NCN340A	NDN340A	NRN340	-	-
	50	NC350A	NCN350A	NDN350A	NRN350	-	-
	63	NC363A	NCN363A	NDN363A	NRN363	-	-
	80*	-	-	-	-	HLF380S	HMC380
	100*	-	-	-	-	HLF390S	HMC390
	125*	-	-	-	-	HLF399S	HMC399
Four Pole							
	0.5	-	NCN400A	NDN400A	NRN400	-	-
	1	-	NCN401A	NDN401A	NRN401	-	-
	2	-	NCN402A	NDN402A	NRN402	-	-
	4	-	NCN404A	NDN404A	NRN404	-	-
	6	NC406A	NCN406A	NDN406A	NRN406	-	-
	10	NC410A	NCN410A	NDN410A	NRN410	-	-
	16	NC416A	NCN416A	NDN416A	NRN416	-	-
	20	NC420A	NCN420A	NDN420A	NRN420	-	-
	25	NC425A	NCN425A	NDN425A	NRN425	-	-
	32	NC432A	NCN432A	NDN432A	NRN432	-	-
	40	NC440A	NCN440A	NDN440A	NRN440	-	-
	50	NC450A	NCN450A	NDN450A	NRN450	-	-
	63	NC463A	NCN463A	NDN463A	NRN463	-	-
	80*	-	-	-	-	HLF480S	HMC480
	100*	-	-	-	-	HLF490S	HMC490
	125*	-	-	-	-	HLF499S	HMC499

* each pole is 1.5 module width