



3WA air circuit breakers

The future of digital power distribution

The future will be connected.

The makers of tomorrow will require advanced diagnostics and safety during operation. They will need access to their power distribution system remotely and securely. With 3WA we invite you to a more connected and sustainable tomorrow.

Welcome to the future of digital power distribution.

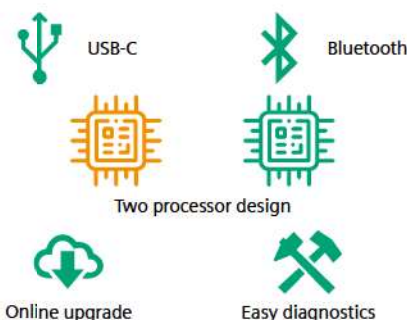
[siemens.com/3wa](https://www.siemens.com/3wa)

SIEMENS

ACB: SENTRON 3WA

NEW

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Short circuit breaking capacity upto 150kA
- Fully rated upto 55°C with 100% rated neutral
- Best in class endurance
- Upgradeable ETU with unique dual processor
- Industry leading diagnostic & testing features
- Cybersecure communication module with dual communication
- Advanced metering as per IEC 61557-12



Standard breaking capacity $I_{cs} = 100\% I_{cu}$

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING¹⁾ protection

Frame Size	Rated Current In (A)	Type	Withdrawable ²⁾ design with Guide Frame		Fixed ³⁾ mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
I	630	3WA1106....	405115.-	505810.-	275010.-	401245.-
	800	3WA1108....	409300.-	515300.-	282775.-	410900.-
	1000	3WA1110....	419505.-	549390.-	308140.-	432685.-
	1250	3WA1112....	503135.-	630345.-	373835.-	523180.-
	1600	3WA1116....	552425.-	690205.-	394335.-	561830.-
II	2000	3WA1220....	608965.-	765305.-	437635.-	616875.-
	2500	3WA1225....	681870.-	886225.-	444580.-	669785.-
	3200	3WA1232....	876680.-	1195585.-	606435.-	1005355.-
	4000	3WA1240....	1020915.-	1286025.-	833240.-	1115535.-
III	5000	3WA1350....	1645640.-	2081855.-	1471490.-	1924515.-
	6300	3WA1363....	2204620.-	2764585.-	1914120.-	2516795.-

L: Overload protection
G: Ground fault protection

S: Delayed Short Circuit protection
N: Neutral protection

I: Short circuit protection

Note: Std. Pkg. = 1 unit

- 1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
- 2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge, ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).
- 3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame Spring charge, ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Prices of ACBs with other breaking capacities, 1000/1150V AC applications & DC applications available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Door Interlock	7625.-
Position Signal Switch for Withdrawable Breaker	19735.-
Castell lock mounting kit*	6430.-
Mutual Mechanical Interlocking (Bowden wire)	Price on request
PROFINET / MODBUS TCP Communication module	

Castell locks are to be ordered separately.

Please consult your nearest sales office for complete ordering code.

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	104350.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	104350.-

Motorized mechanism with other control voltages are available on request



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WA9111-0AD02	16610.-
	110	110	3WA9111-0AD05	16610.-
	230	220	3WA9111-0AD06	16610.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	18360.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	91825.-
	110-127	110-125	3WA9111-0AF05	91825.-
	208-240	220-250	3WA9111-0AF06	91825.-
Castell Lock	-	-	3WX3663-6JEL_ \$	4970.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please consult your nearest sales office for type nos. and prices.

\$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit

* LP - List Price

ACB: SENTRON 3WL^{Plus}

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options



Standard breaking capacity $I_{cs} = 100\% I_{cu}$

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	364325.-	460225.-	240415.-	360640.-
	800	3WL1108....	368315.-	469265.-	247810.-	369835.-
	1000	3WL1110....	378030.-	501730.-	271965.-	390580.-
	1250	3WL1112....	457675.-	578830.-	334530.-	476765.-
	1600	3WL1116....	504625.-	635845.-	354055.-	513575.-
II	2000	3WL1220....	558470.-	707360.-	395295.-	566000.-
	2500	3WL1225....	627900.-	822525.-	401910.-	616390.-
	3200	3WL1232....	813435.-	1117155.-	556060.-	935985.-
	4000	3WL1240....	935705.-	1188190.-	756960.-	1025815.-
III	5000	3WL1350....	1545780.-	1961225.-	1379920.-	1811370.-
	6300	3WL1363....	2078140.-	2611440.-	1801475.-	2375445.-

Prices of ACBs with other breaking capacities available on request.

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection
G: Ground fault protection N: Neutral protection

Note: Std. Pkg. = 1 unit

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	27045.-
Protection function LSIN with Current display	12930.-
Protection function LSING with Current display	38775.-

For prices of breakers with other types of microprocessor based trip unit, please consult your nearest sales office

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	99370.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	99370.-

Motorized mechanism with other control voltages are available on request

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/IMF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. *Castell locks are to be ordered separately.

Please consult your nearest sales office for complete ordering code.

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	8570.-
Door Interlock	7260.-
Position Signal Switch for Withdrawable Breaker	18795.-
Castell lock mounting kit*	6120.-
Mutual Mechanical Interlocking (Bowden wire)	Price on request
Metering function Plus (voltage transformer must be ordered separately)	
Profibus communication connection (COM15 + BSS)	
Modbus communication connection (COM16 + BSS)	
Modbus TCP/PROFINET communication connection (COM35 + BSS) NEW	

ACB for 1000/1150 V AC operation and DC application available on request

Accessories

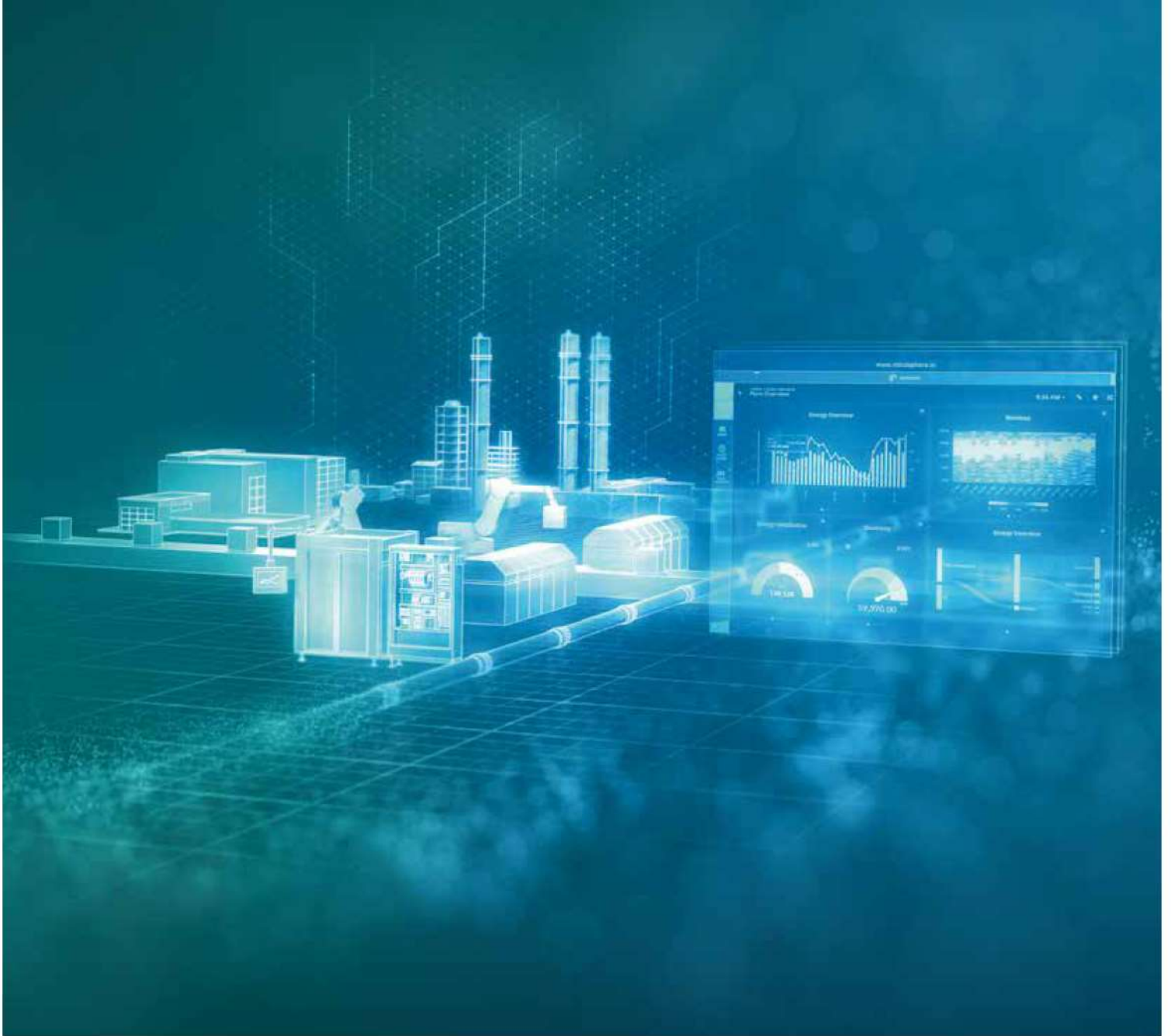
Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WA9111-0AD02	16610.-
	110	110	3WA9111-0AD05	16610.-
	230	220	3WA9111-0AD06	16610.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	18360.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	91825.-
	110-127	110-125	3WA9111-0AF05	91825.-
	208-240	220-250	3WA9111-0AF06	91825.-
	2NO+2NC		3WL9111-0AG01-0AA0	11045.-
Auxiliary Switch Block				
Castell Lock	-	-	3WX3663-6JEL_*	4970.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please consult your nearest sales office for type nos. and prices.

* Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit

* LP - List Price



SENTRON 3WT^{Plus}

Air Circuit Breakers

Unlock the future!!

- Integrated communication and metering option
- Easy parameterization and diagnostics with Powerconfig
- Wide range with 630A - 4000A current ratings
- 3P & 4P, Fixed & Withdrawable versions
- Available for operating voltages up to 690V AC
- Superior thermal ratings (no derating upto 50°C)

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ACB: 3WT^{Plus}

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- $U_{imp} = 12kV$
- Integrated communication & metering option
- Easy parameterization and diagnostics with Powerconfig
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

**Standard breaking capacity, 500VAC $I_{cs} = 100\% I_{cu}$** Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Withdrawable design with Guide Frame ²⁾			
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I	630	MDO	3WT8061-6AA04-5AB2	266815.-	3WT8065-6AA04-5AB2	346865.-
		EDO	3WT8061-6UA34-5AB2	345120.-	3WT8065-6UA34-5AB2	425170.-
	800	MDO	3WT8081-6AA04-5AB2	281585.-	3WT8085-6AA04-5AB2	368615.-
		EDO	3WT8081-6UA34-5AB2	359890.-	3WT8085-6UA34-5AB2	446920.-
	1000	MDO	3WT8101-6AA04-5AB2	289230.-	3WT8105-6AA04-5AB2	375170.-
		EDO	3WT8101-6UA34-5AB2	367535.-	3WT8105-6UA34-5AB2	453475.-
	1250	MDO	3WT8121-6AA04-5AB2	355260.-	3WT8125-6AA04-5AB2	422335.-
		EDO	3WT8121-6UA34-5AB2	433565.-	3WT8125-6UA34-5AB2	500640.-
	1600	MDO	3WT8161-6AA04-5AB2	381290.-	3WT8165-6AA04-5AB2	461565.-
		EDO	3WT8161-6UA34-5AB2	459595.-	3WT8165-6UA34-5AB2	539870.-
II	2000	MDO	3WT8202-6AA04-5AB2	479060.-	3WT8206-6AA04-5AB2	589610.-
		EDO	3WT8202-6UA34-5AB2	557365.-	3WT8206-6UA34-5AB2	667915.-
	2500	MDO	3WT8252-6AA04-5AB2	542640.-	3WT8256-6AA04-5AB2	689880.-
		EDO	3WT8252-6UA34-5AB2	620945.-	3WT8256-6UA34-5AB2	768185.-
	3200	MDO	3WT8322-6AA04-5AB2	695690.-	3WT8326-6AA04-5AB2	853620.-
		EDO	3WT8322-6UA34-5AB2	773995.-	3WT8326-6UA34-5AB2	931925.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

1455.-

5

Reduce

1455.-

Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Fixed Mounted design ³⁾			
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I	630	MF	3WT8061-6AA00-0AA2	196070.-	3WT8065-6AA00-0AA2	265270.-
		EF	3WT8061-6UA30-0AA2	274375.-	3WT8065-6UA30-0AA2	343575.-
	800	MF	3WT8081-6AA00-0AA2	211645.-	3WT8085-6AA00-0AA2	291210.-
		EF	3WT8081-6UA30-0AA2	289950.-	3WT8085-6UA30-0AA2	369515.-
	1000	MF	3WT8101-6AA00-0AA2	215750.-	3WT8105-6AA00-0AA2	308495.-
		EF	3WT8101-6UA30-0AA2	294055.-	3WT8105-6UA30-0AA2	386800.-
	1250	MF	3WT8121-6AA00-0AA2	293465.-	3WT8125-6AA00-0AA2	347030.-
		EF	3WT8121-6UA30-0AA2	371770.-	3WT8125-6UA30-0AA2	425335.-
	1600	MF	3WT8161-6AA00-0AA2	299645.-	3WT8165-6AA00-0AA2	371725.-
		EF	3WT8161-6UA30-0AA2	377950.-	3WT8165-6UA30-0AA2	450030.-
II	2000	MF	3WT8202-6AA00-0AA2	336990.-	3WT8206-6AA00-0AA2	483755.-
		EF	3WT8202-6UA30-0AA2	415295.-	3WT8206-6UA30-0AA2	562060.-
	2500	MF	3WT8252-6AA00-0AA2	380385.-	3WT8256-6AA00-0AA2	567970.-
		EF	3WT8252-6UA30-0AA2	458690.-	3WT8256-6UA30-0AA2	646275.-
	3200	MF	3WT8322-6AA00-0AA2	579165.-	3WT8326-6AA00-0AA2	713275.-
		EF	3WT8322-6UA30-0AA2	657470.-	3WT8326-6UA30-0AA2	791580.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

1455.-

5

Reduce

1455.-

For Non-Automatic ACBs please deduct ₹ 3305/- from the LPs of the ACBs marked ●. For type nos. of Non-Automatic ACBs contact nearest sales office

L: Overload protection S: Delayed Short Circuit protection

I: Short circuit protection

G: Ground fault protection¹⁾N: Neutral protection¹⁾

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240VAC/DC and shunt release of 220-240V AC/DC.

¹⁾ Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.²⁾ Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC³⁾ Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC**Note:** Please contact nearest sales office for information on prices of 4000A ACB.

Additional LP for 690V AC ACB - ₹ 35465/-

Std. Pkg. = 1 unit

* LP - List Price

3WT^{Plus} Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	84025.-
	220-240	220-250	3WT9831-1JK00	84025.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	7195.-
	110-127	110-125	3WT9851-1JH00	7195.-
	220-240	220-250	3WT9851-1JK00	7195.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	7480.-
	208-240	220-250	3WT9853-1JK00	7480.-
	380-415	–	3WT9853-1JM00	7480.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	5255.-
	Drawout circuit breaker		3WT9827-1JA00	5255.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	3305.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	16265.-
5 digit operating cycle counter			3WT9864-0CA00	13580.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	12625.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	12625.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	10715.-
Castell Lock			3WX3663-6JEL_*	4970.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	3165.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	25845.-
	Size II		3WL9111-0AA22-0AA0	31425.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	28365.-
	Size II		3WL9111-0AA32-0AA0	32555.-

* Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Add-on options (Factory fitted)

Description	Unit LP* ₹
MODBUS RTU communication module	Price on request
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs.	Upon enquiry
• Minimum Shut Down Time	
• No change in the existing panel except door cut out	
• No change in the existing panel bus-bars	
• Proven Siemens Design	
• No over heating	
• Cost Effective & Quality Solution	

For more details write to us at: ics.india@siemens.com • Toll Free No: 1800220987/18002090987

Std. Pkg. = 1 unit

* LP - List Price