

Your link to the world's best Products, Technologies, Solutions & Services

RAMELEC



SIELEC

DISTRIBUTION BOARDS, CHASSIS & TRANSFER SWITCHES

(Designed for **SIEMENS** Circuit Breakers)



COMPANY PROFILE

Ramelec is a 100% Australian owned distributor of industrial products and services. From our early beginnings Ramelec has grown to be one of the premier distributors in the industrial electrical market with a nation-wide network of branch offices including technical, sales and support staff.

We strive to offer exceptional service to industry and as we have grown we have built a team that is able to offer advice on applications and products across a wide range of industries that adds value to our customers business.

The products we represent are highly regarded as market leaders in their respective fields and with their assistance our goal is to be the supplier of choice for our customers through the provision of:

- **Reliable and Quality Products**
source the best products locally and overseas
- **Responsive Service**
pride in customer service and delivery
- **Cost Effectiveness**
flexibility in solutions for products and services
- **Industry and Technical Knowledge**
offer more than just selling a product

We are 100% Australian owned with a nation-wide network of branch offices with technical sales, support staff and warehouses. This means that we have the logistics in place to provide fast and effective delivery of standard stock items to our customers anywhere in Australia.

Ramelec is an established distributor for products manufactured both locally and internationally. We promote a select range of industrial electrical products that serve the following markets and customers:

- **Industrial/Mining/Oil & Gas**
- **Power/ Water/ Transport**
- **Manufacturing**
- **Government**
- **Consulting Engineers**
- **Wholesalers/Resellers/System Integrators**
- **Switchboard Builders**
- **Electrical Contractors**
- **Machine & Packaging OEM's**

We are committed to the vision we have of providing high quality service to our customers and making Ramelec "Your link to the world's best Products, Technologies, Solutions & Services".

Distribution Boards & Chassis

Distribution boards designed for optimum space & time saving features

The Sielec range of distribution boards has all you require.

With the support of Siemens, these boards have all the expertise of a global company and have been developed and manufactured right here in Australia.

Available as a standard “off the shelf” or to the requirements of your application. Just check out the features and compare with our competitors.

With extra width and depth this allows for easier wiring and the additional din rail for mounting accessories top and bottom offers optimum space and time saving features.

- **Dimensions** *All sizes are 600mm wide & 205mm deep, IP56 = 275mm deep*
- **IP Ratings** *IP42, IP56*
- **Gland Plate** *Removable top and bottom*
- **Escutcheon** *Hinged as standard*
- **Chassis** *Complete range from 18 poles to 96 poles and c/w 250Amp Main Switch*
- **Spacious** *Room for cable duct and Din rail equipment top & bottom*
- **Accessory Module** *Add on modules in 2 dimensions*
- **Earth & Neutral bars** *One of each on both sides of enclosure*
- **CAD Blocks** *available*



Distribution Boards & Chassis

Distribution Boards for Commercial & Industrial Applications

Developed and manufactured in Australia to AS/NZS 3439.3



Technical Data

Material

IP42

Base & Door:
1.6mm sheet steel
Escutcheon:
1.6mm sheet steel

Colour

Base: Ripple Charcoal Gloss
Door: Ripple APO Grey
or X15 Orange
Escutcheon: White Gloss
Polyester Powder Coated

IP56

Base & Door:
2.0mm sheet steel
Escutcheon:
2.0mm sheet steel

Base: Ripple Charcoal Gloss
Door: Ripple APO Grey
or X15 Orange
Escutcheon: White Gloss
Polyester Powder Coated

Protection

IP42 with door

IP56 with door

Main Switch

250A 400V AC
400A available on request
MCCB as Main Switch
available on request

250A 400V AC
400A available on request
MCCB as Main Switch
available on request

Spacious

Room for cable duct and Din
rail equipment
top & bottom

Room for cable duct and Din
rail equipment
top & bottom

Busbar

250A (or 400A option on
request)
Type Tested busbar 20kA for
0.2 sec

250A (or 400A option on
request)
Type Tested busbar 20kA for
0.2 sec

Earth & Neutral bars

8mm studs, tunnel
terminals with 2 screws

8mm studs, tunnel
terminals with 2 screws

A number of options are available to provide built to order applications.

- Additional accessory modules can be added to the top or bottom for a modular solution
- Left hand hinged door standard and can be converted in the field
- Din rail available as standard top & bottom for equipment mounting behind the escutcheon #

not on 700mm enclosure

Distribution Boards & Accessories

IP42



Accessory Module c/w mounting tray

SIE400

SIE600

nominate door colour G or O

Catalogue No. Number Of Poles

all with 250Amp Main Switch

SIE18NDG250M *	18
SIE24NDG250M *	24
SIE24G250M	24
SIE36G250M	36
SIE48G250M	48
SIE60G250M	60
SIE72G250M	72
SIE84G250M	84
SIE96G250M	96

IP 42 boards with Grey door & Charcoal base

If Main Switch not required delete 250M.

If Orange door required replace G with O.

If MCCB required as Main Switch delete M and add CB

* ND = no Din Rail at bottom 700mm enclosure

Distribution Board Dimensions

All boards c/w Main Switch

600mm wide x 205mm deep (inc door)

Number of Poles	Height
18	700
24	700
24	900
36	900
48	1100
60	1100
72	1300
84	1300
96	1500

DB Accessories

Flush Surround

SIE700FS

SIE900FS

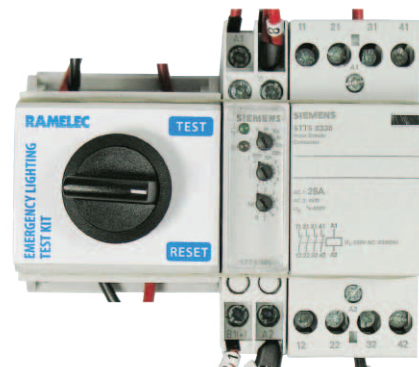
SIE1100FS

SIE1300FS

SIE1500FS

Plinth

SIEPLINTH



Emergency Lighting Test Kit

Catalogue Number

SIEEMLTK25 25Amp 4 N.C. c/w selector switch

SIEEMLTK40 40Amp 4 N.C. c/w selector switch

Distribution Boards & Accessories

IP56



With flush handle and key lockable, we also provide the often specified "3 point" locking system as standard.

Distribution Board Dimensions

All boards c/w Main Switch

600mm wide x 275mm deep (inc door)

Number of Poles	Height
24	900
36	900
48	1100
60	1100
72	1300
84	1300
96	1500

Catalogue No. Number of Poles

all with 250Amp Main Switch

SIEW24G250M	24
SIEW36G250M	36
SIEW48G250M	48
SIEW60G250M	60
SIEW72G250M	72
SIEW84G250M	84
SIEW96G250M	96

IP 56 boards with Grey door & Charcoal base
 If Main Switch not required delete 250M
 If Orange door required replace G with O.
 If MCCB required as Main Switch delete M and add CB.

Accessories

Flush Surround

SIE900FS
SIE1100FS
SIE1300FS
SIE1500FS

Plinth

SIEPLINTH



The seal around the "gutter channel" allows for water to be kept away from the inside of the DB's and provide an excellent IP rating.

Din Distribution Boards & Load Centres



Din-mount Distribution Boards

Catalogue No.	Rows	Number of poles
SIEDIN 700 54G	3	54
SIEDIN 900 72G	4	72
SIEDIN 1100 90G	5	90
SIEDIN 1300 108G	6	108

If Orange door required replace G with O

Din boards are
600mm wide by 205mm deep (inc. door)
IP 42

Metal Load Centres

Catalogue No.	Number of Poles
SIEMLC 9SG	9
SIEMLC 12SG	12
SIEMLC 18SG	18
SIEMLC 21SG	21

If Orange required replace G with O
Suitable for single module RCBO 5SU9

Din Chassis

Chassis Catalogue No.	3 Pole Number of Poles
<i>U is universal connect</i>	
SB25012U	12
SB25018U	18
SB25024U	24
SB25036U	36
SB25048U	48
SB25060U	60
SB25072U	72
SB25084U	84
SB25096U	96



Chassis Connection Kits

Copper links are available for connecting Siemens MCCB's to the SIELEC range of chassis.

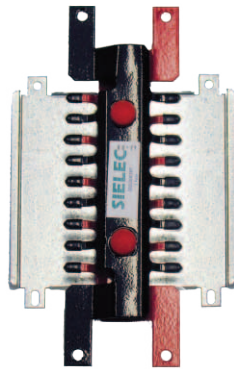
SIEVLCH2503LINKKIT
250A Chassis to VL160, 250 MCCB

SIEVLCH4003LINKKIT
400A Chassis to VL400 MCCB

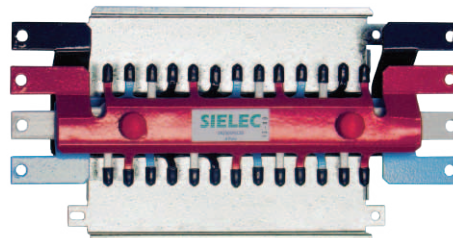
SIEVLCH6303LINKKIT
630A Chassis to VL630 MCCB

Hybrid Chassis Available

Chassis Catalogue No.	2 Pole No. of Poles
<i>U is universal connect</i>	
SB250DC12U	12
SB250DC18U	18
SB250DC24U	24
SB250DC30U	30
SB250DC36U	36
SB250DC48U	48
SB250DC60U	60
SB250DC72U	72
SB250DC84U	84
SB250DC96U	96



Chassis Catalogue No.	3 Phase + Neutral No. of Poles	Chassis Catalogue No.	Single + Neutral No. of Poles
<i>U is universal connect</i>			
SB2504P12U	12	SB2502P12U	12
SB2504P20U	20	SB2502P18U	18
SB2504P24U	24	SB2502P24U	24
SB2504P30U	30	SB2502P30U	30
SB2504P36U	36	SB2502P36U	36
SB2504P48U	48	SB2502P48U	48
SB2504P60U	60	SB2502P60U	60
SB2504P72U	72	SB2502P72U	72
SB2504P84U	84	SB2502P84U	84
SB2504P96U	96	SB2502P96U	96
<i>Configuration of Tee-offs R,W,B,N,R,W,B,N,R,W,B,N</i>		<i>Configuration of Tee-offs R,N,W,N,B,N,R,N,W,N,B,N</i>	



- For top connect only, change U to T
- For bottom connect only, change U to B
- All Chassis are 250Amp / 20kA for 0.2sec
- 400Amp available
- Chassis for 27mm dimension C/B available
- Special configuration chassis available

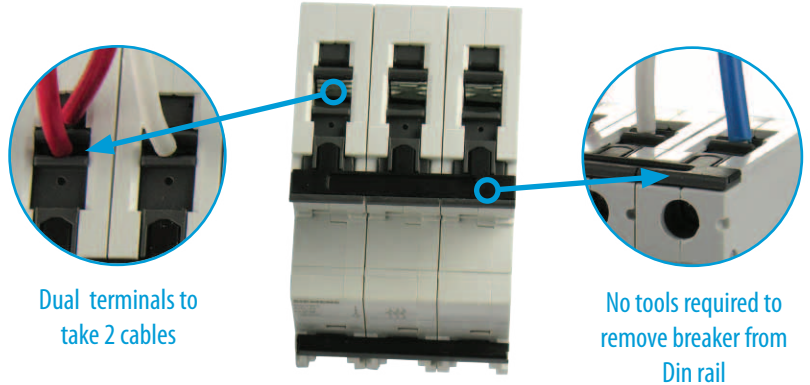
SIEMENS

Miniature Circuit Breakers

Siemens MCB's

Siemens quality circuit breakers with unique mounting and dismantling features. No longer do you need to have a screw driver inserted between breakers or cables to remove the breaker from the din rail. Removal is done without tools from the front of the circuit breaker.

Dual terminals are a great feature for the times more than one cable is required.



Current Rating	6kA	C curve 1 pole	D curve 1 pole	6kA	C curve 3 pole	D curve 3 pole
2	5SY6	102-7	102-8	5SY6	302-7	302-8
4	5SY6	104-7	104-8	5SY6	304-7	304-8
6	5SY6	106-7	106-8	5SY6	306-7	306-8
10	5SY6	110-7	110-8	5SY6	310-7	310-8
16	5SY6	116-7	116-8	5SY6	316-7	316-8
20	5SY6	120-7	120-8	5SY6	320-7	320-8
25	5SY6	125-7	125-8	5SY6	325-7	325-8
32	5SY6	132-7	132-8	5SY6	332-7	332-8
40	5SY6	140-7	140-8	5SY6	340-7	340-8
50	5SY6	150-7	150-8	5SY6	350-7	350-8
63	5SY6	163-7	163-8	5SY6	363-7	363-8

10kA MCB's - Change 5SY6 to 5SY4
eg, 16Amp SP 10kA C curve = 5SY4116-7

Siemens RCBO Devices

The popular single module wide RCBO is now in the Siemens range. Available in 10kA type AC 30mA, other sizes available on request.

With all the unique features of the MCB range the Siemens RCBO now provides a complete range of circuit breakers.

Current Rating	10kA	C curve
6	5SU9	304-1KK06
10	5SU9	304-1KK10
16	5SU9	304-1KK16
20	5SU9	304-1KK20
25	5SU9	304-1KK25
32	5SU9	304-1KK32
40	5SU9	304-1KK40
45	5SU9	304-1KK45

10kA RCBO's are all single module width, 30mA

Two module width and add on modules available



80-125Amp MCB available in 27mm 10kA



Moulded Case Circuit Breaker Chassis

With joint co-operation Siemens and Ramelec have developed the new Sielec MCCB chassis for mounting of the Siemens range of Sentron Moulded Case Circuit Breakers.

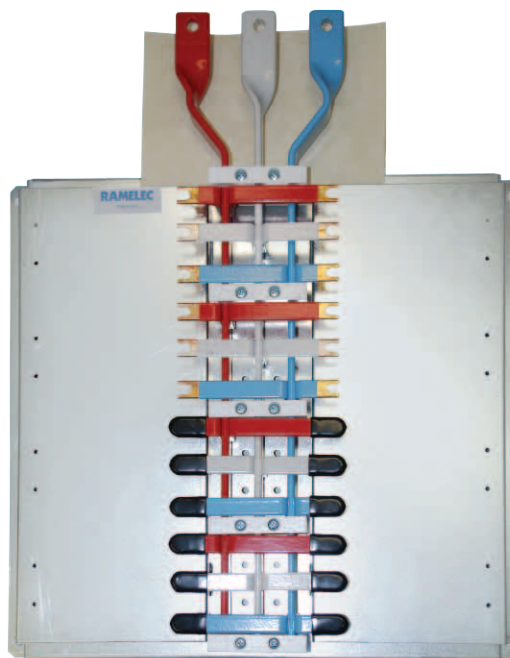
While this is the beginning of the family of chassis to be manufactured in Australia for the Sentron MCCB's, the Sielec range has been designed to the required standards set by Siemens in the manufacture of their range of equipment.

The standard Sielec range is stocked and special requirements are manufactured to order.

The chassis have been designed to meet the requirements of the Australian & New Zealand markets and tests have been conducted in Australia to meet these requirements (see tables following).

Sielec SEN chassis

Chassis Type	Busbar rating	Fault Current level	MCCB to suit
SEN 630	630 Amp	50kA for 0.5 sec	3VL 160/250
SEN 800	800 Amp	50kA for 1 sec	3VL 160/250
SEN 1000	1000 Amp	50kA for 1 sec 63kA for 0.1 sec	3VL 160/250/400



Siemens Sentron Breakers to suit Sielec Chassis

SEN 630

Busbar Rating

630A

SEN 800

Busbar Rating

800A

SEN 1000

Busbar Rating

1000A

all breakers with adjustable thermal o/load and short circuit releases

3VL 27	up to 160A	3VL 27	up to 160A	3VL 27	up to 160A
3VL 37	up to 250A	3VL 37	up to 250A	3VL 37	up to 250A
				3VL 47	up to 400A

Various fault levels for 3 VL are available.

The connection on the MCCB must be screw terminal (selection **6** on the 12th character of the part number) for the breaker to fit the chassis eg. 3VL3725-1DC36-0AA0

40kA/55kAstandard switching capacity "N"

70kA.....standard switching capacity "H"

100kA.....standard switching capacity "L"

Electronic trip units available on request.

ETU 10.....System protection with LI function

ETU 12.....System protection with LIG function

ETU 20.....System & Generator protection with LSI function

ETU 22.....System & Generator protection with LSIG function

ETU30MMotor protection with LI function

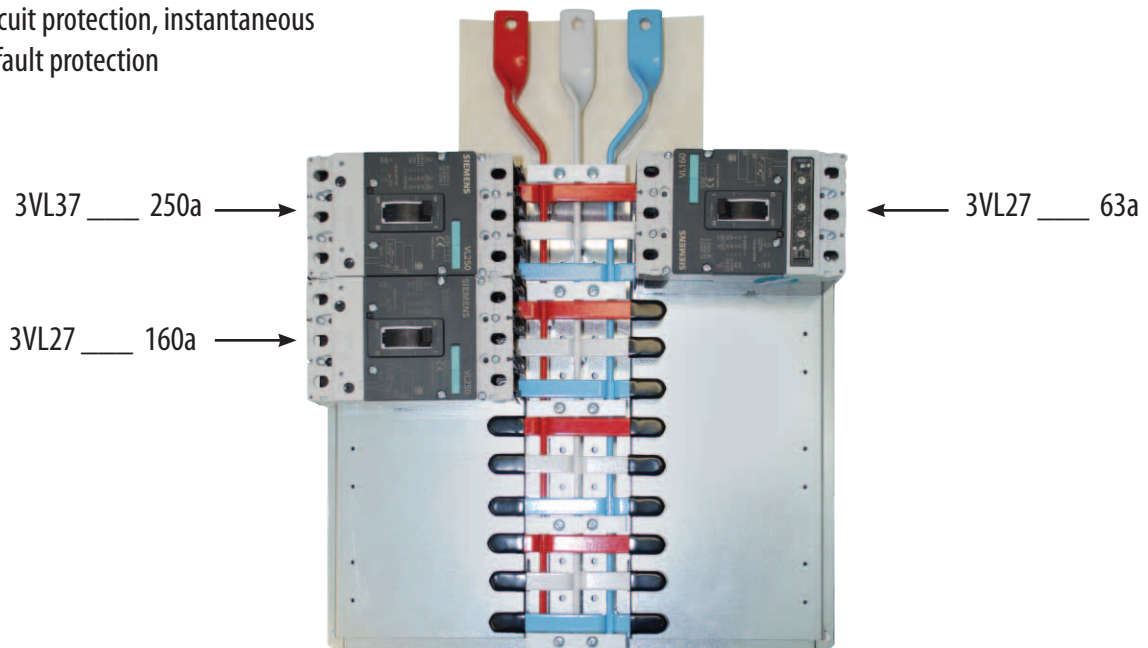
Electronic trip units with LCD display available on request.

L = Overload

S = Short-circuit protection, short time delayed

I = Short-circuit protection, instantaneous

G = Ground-fault protection



SEN 630/800/1000 Chassis

- Complies with AS/NZS 3439
- Suitable for Siemens 3VL breakers to 250Amp. (400Amp for 1000A Chassis)
- Fully tested to
 - : 50kA for 0.5 sec
 - : 50kA for 1 sec
 - : 63kA for 0.1 sec. 1000Amp Chassis
- Top feed as standard, universal & bottom feed available to order
- Manufactured in Australia

No. of Poles	Pan Height	630A Cat Number	800A Cat Number
12	245	SEN 630 12T	SEN 800 12T
18	347	SEN 630 18T	SEN 800 18T
24	453	SEN 630 24T	SEN 800 24T
30	558	SEN 630 30T	SEN 800 30T
36	663	SEN 630 36T	SEN 800 36T
42	768	SEN 630 42T	SEN 800 42T
48	874	SEN 630 48T	SEN 800 48T
60	1082	SEN 630 60T	SEN 800 60T
72	1294	SEN 630 72T	SEN 800 72T

- Single sided chassis available
- All chassis are 485 mm wide
- Busbars extend 140 mm beyond the mounting panel
- 4 pole version available
- Universal fed change T to U, Bottom fed change to B

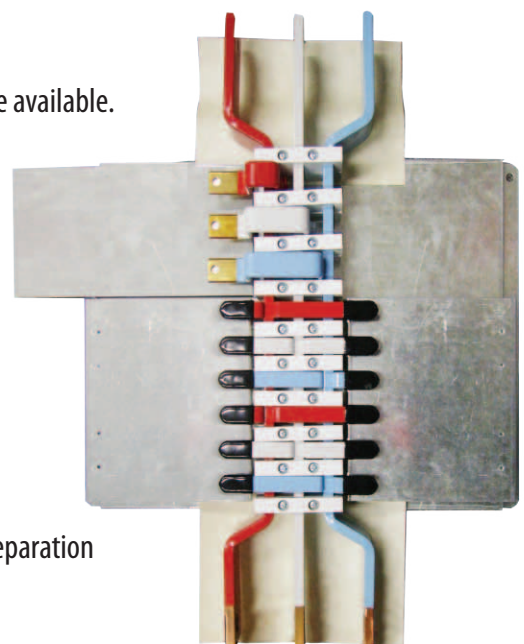
The 1000Amp chassis is for the occasions a 400Amp breaker may be needed on the same chassis as a number of 250Amp breakers. Various combinations are available.

These are made to order to your requirements.

No. of Poles	Examples of combinations may be;	*1000A Cat Number
15	12 poles 250A 3poles 400A	SEN 1000 15H
21	18 poles 250A 3poles 400A	SEN 1000 21H

*SEN 1000 chassis available for Hybrid version

*For busbars with operating currents above 800A, refer to AS 3000 regarding separation



Transfer Switches with Siemens Sentron Circuit Breakers

- Available in 3 or 4 pole or mixed 3 pole 4 pole
- Pre-assembled and wired on mounting plate complete with walking beam
- Automatic logic controller available
- Custom built controller available
- Common load side busbars available as an option

Catalogue Number

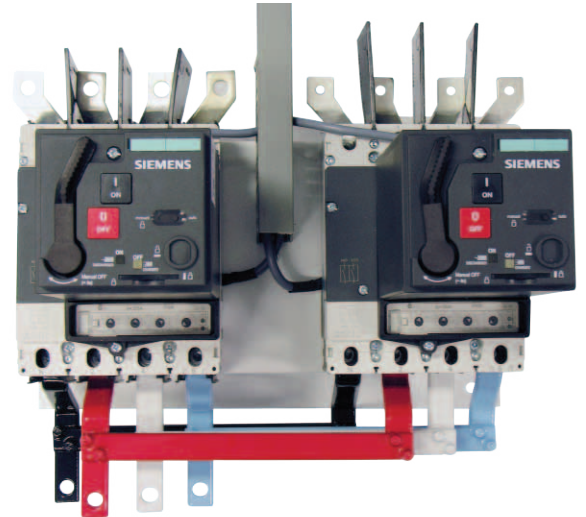
Product Description

Basic Transfer Switch (BTS)

3 Pole

4 Pole

SIEBTS3VL26333	SIEBTS3VL26344	BASIC T/FER SW,MCCB,63A
SIEBTS3VL210033	SIEBTS3VL210044	BASIC T/FER SW,MCCB,100A
SIEBTS3VL212533	SIEBTS3VL212544	BASIC T/FER SW,MCCB,125A
SIEBTS3VL216033	SIEBTS3VL216044	BASIC T/FER SW,MCCB,160A
SIEBTS3VL320033	SIEBTS3VL320044	BASIC T/FER SW,MCCB,200A
SIEBTS3VL325033	SIEBTS3VL325044	BASIC T/FER SW,MCCB,250A
SIEBTS3VL431533	SIEBTS3VL431544	BASIC T/FER SW,MCCB,315A
SIEBTS3VL440033	SIEBTS3VL440044	BASIC T/FER SW,MCCB,400A
SIEBTS3VL550033	SIEBTS3VL550044	BASIC T/FER SW,MCCB,500A
SIEBTS3VL563033	SIEBTS3VL563044	BASIC T/FER SW,MCCB,630A
SIEBTS3VL680033	SIEBTS3VL680044	BASIC T/FER SW,MCCB,800A
SIEBTS3VL7100033	SIEBTS3VL7100044	BASIC T/FER SW,MCCB,1000A
SIEBTS3VL7125033	SIEBTS3VL7125044	BASIC T/FER SW,MCCB,1250A
SIEBTS3VL8160033	SIEBTS3VL8160044	BASIC T/FER SW,MCCB,1600A



Two separate power supplies are required to maintain a continuous supply to loads in the event of a power failure. Loads can be supplied with power through the following configurations:

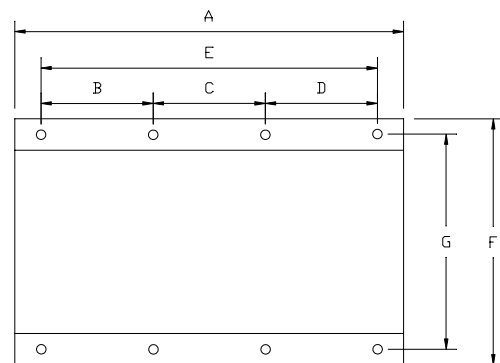
- system to system
- system to generator
- generator to generator

Optional Load Side Busbar

3 pole

4 pole

SIEVLLSBB216033	SIEVLLSBB216044	COMMON LOAD SIDE BUSBAR,MCCB,160A
SIEVLLSBB325033	SIEVLLSBB325044	COMMON LOAD SIDE BUSBAR,MCCB,250A
SIEVLLSBB440033	SIEVLLSBB440044	COMMON LOAD SIDE BUSBAR,MCCB,400A
SIEVLLSBB563033	SIEVLLSBB563044	COMMON LOAD SIDE BUSBAR,MCCB,630A
SIEVLLSBB680033	SIEVLLSBB680044	COMMON LOAD SIDE BUSBAR,MCCB,800A



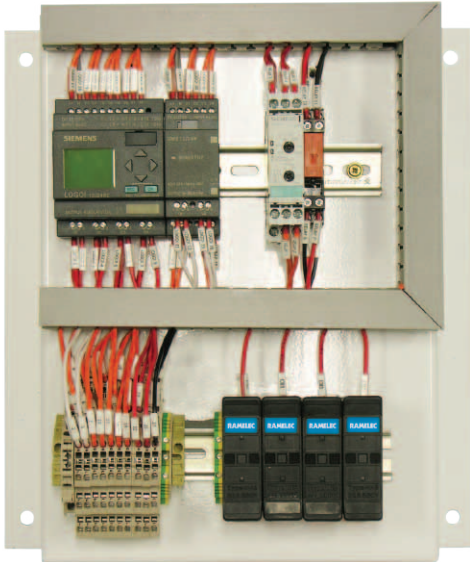
Baseplate Dimensions

SIZE	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
160/250A 3/4P	371	-	-	-	321	235	205
400A 3/4P	566	258	258	-	516	440	410
630/800A 3/4P	695	322,5	322,5	-	645	467	437
1250/1600A 3P	700	216	218	216	650	470	440
1250/1600A 4P	910	286	288	286	860	470	440

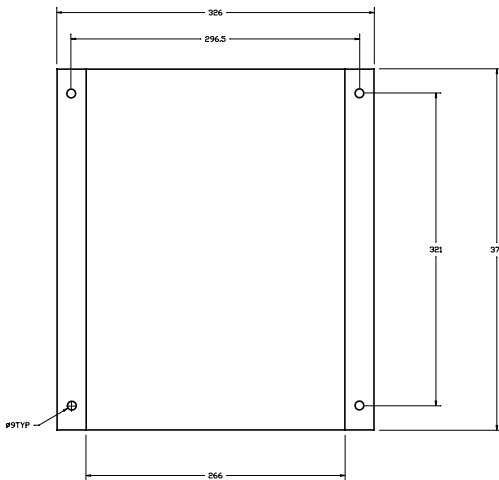
Logic Controllers

Our Logic Controller is PLC controlled with Siemens LOGO!
Most options are included as standard making it more adaptable to your needs.

Available for circuit breakers or contactors.



Logic panel mounting plate



Cat No. 3KC90008TL30

Catalogue Number	Product Description
SIELCCB	SIELEC LOGIC CONTROLLER, CIRCUIT BREAKERS
SIELCCO	SIELEC LOGIC CONTROLLER, CONTACTORS

Standard Features

Normal Voltage sensing phase failure relay	NVSR
Time Delay Normal to Emergency - adjustable	TDNE
Time Delay Emergency to Normal - adjustable	TDEN
Common Power Supply Relay	CPSR
Mains Supply Phase Sequence Relay	UPSR
Mains Supply Voltage Sensing Relay	UVSR
Emergency Supply Phase Sequence Relay	EPSR
Emergency Supply Voltage Sensing Relay	EVSR
Engine Run-on Time Delay	ERTD
Alarm Lock Out	ALO
Changeover Time Delay	COTD
Mains Stability Timer – adjustable	MST
Off-line Generator Test Mode – adjustable	OGTM
Off-line Generator Test-mode start-up timeout	OGTO
Alarm Status Reset/Indicator	ASRI

The SENTRON ATC5300 is ideally suited for low voltage power supplies thanks to its wide voltage range covering up to 690V U (phase-phase).

SENTRON ATC5300 allows the implementation of an automatic transfer control unit in conjunction with compact molded case circuit breakers MCCB, air circuit breakers ACB, switch disconnectors LBS, or contactors. The following SENTRON products are ideally matched to the SENTRON ATC5300:

- SENTRON 3VL Molded case circuit breakers
- 3RT Contactors
- SENTRON 3WL Air circuit breakers

SIEMENS

Energy Management



The power monitoring devices, Sentron PAC, provide important measurement values to analyse the status of the system and the power quality.

Function overview

		PAC3100	PAC3200	PAC4200
Number of variables		>30	> 50	> 200
Basic variables	E.g. voltage, current, power, power values, frequency, power factor (min./max. values)	•	•	•
Extended variables	E.g. THD, asymmetry for current and voltage	-	•	•
	E.g. phase angle, phase displacement angle, harmonics for voltage and current	-	-	•
Power detection	Meters (import and export) for apparent, active, reactive power	-	•	•
	Measuring accuracy class IEC 62053 active, reactive power	1	3	0.5 S
	Load profile recording with time stamp	-	-	•
Monitoring functions	Operating hours counter	-	•	•
	Max. number limit values	-	6	12
	Boolean logic for limit values / inputs	-	-	•
	Event recording with time stamp	-	-	•
System integration and communication	Ethernet interface (Modbus TCP)	-	10 Mbit/sec	10/100 Mbit/sec
	RS485 (Modbus RTU)	Integrated	Optional	Optional
	PROFIBUS DP (V1)	-	Optional	Optional
	Integrated gateway: Ethernet <-> RS485 (Modbus)	-	-	•
	Number of digital inputs / digital outputs	2	2	1
Dimensions	W x H x D (in mm)	96 x 96 x56	96 x 96 x56	96 x 96 x82
	Installation depth: PAC / PAC with expansion module (in mm)	51	-	51

Selection data

Power monitoring devices

SENTRON PAC3100 with AC/DC wide-voltage power supply unit and screw terminals	100 ... 240 V AC ± 10 %, 50/60 Hz 110 ... 250 V DC ± 10 %	7KM3133-0BA00-3AA0
SENTRON PAC3200 with AC/DC wide-voltage power supply unit and screw terminals	95 ... 240 V AC ± 10 %, 50/60 Hz 110 ... 340 V DC ± 10 %	7KM2112-0BA00-3AA0
SENTRON PAC3200 with DC extra-low-voltage power supply unit and screw terminals	22 ... 65 V DC ± 10 %	7KM2111-1BA00-3AA0
SENTRON PAC4200 with AC/DC wide-voltage power supply unit and screw terminals	95 ... 240 V AC ± 10 %, 50/60 Hz 110 ... 340 V DC ± 10 %	7KM4212-0BA00-3AA0
Expansion modules		
PAC PROFIBUS DP (for PAC3200, PAC4200)	DPV1: Up to 12 Mbit/sec	7KM9300-0AB00-0AA0
PAC RS485 (for PAC3200, PAC4200)	Modbus RTU up to 38.4 kBd	7KM9300-0AM00-0AA0

SIEMENS

Din Accessories

3NP Fuse Switch Disconnectors with many features



- Box terminals available all sizes
- Fuse monitoring available
- Fuses are removed using a release shaft without the fuses being touched
- All units can be sealed and locked

7KT12 Current Transformers

- For non-contact measuring of primary currents of a 3 phase system



5TT5 Din Rail Contactors for switching and controlling various loads with visual indication



- 27mm circuit breakers available in 80, 100, 125A
- Hybrid chassis necessary

5SM3 Residual current device (RCD) in 2 pole and 4 pole for personnel and fire protection



5SU1 RCBO's with switched neutral 2 modules wide Simplified device coordinating residual current operated circuit-breaker (RCCB) with miniature circuit breaker (MCB)



7KT5 500 Hour Run Meter Mechanical register display 00000,00h 48mmx48mm



5TE5 8 Indicator Lights To indicate switching, states or faults Push button also available with maintained and momentary contact function



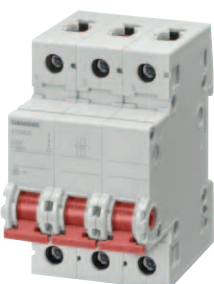
5SG7 Fuse switch disconnector for those small applications, draw out technology and touch protection



5TE8 Isolators In 1,2,3, or 4 pole Auxiliaries and locking device can be retrofitted



5SM2 Residual current device (RCD) to be combined with MCB's to give personnel and line protection High application flexibility



Distribution Board Configuration Form

SIMPLY FILL IN YOUR REQUIREMENTS ON BOTH PAGES AND RETURN TO YOUR NEAREST RAMELEC OFFICE FOR PRICING

CUSTOMER						
CONTACT NAME				EM / PH		
PROJECT				QTY		
DISTRIBUTION BOARD CONFIGURATION						
PROTECTION RATING	IP42 <input type="checkbox"/>	IP56 <input type="checkbox"/>				
MAIN SWITCH - ISOLATOR	YES <input type="checkbox"/> <small>STANDARD</small>	NO <input type="checkbox"/>	250A <input type="checkbox"/> <small>STANDARD</small>	400A <input type="checkbox"/>	CUSTOM <input type="checkbox"/> <small>AMPS -</small>	
MAIN SWITCH - C/BREAKER	YES <input type="checkbox"/>	NO <input type="checkbox"/>	250A <input type="checkbox"/>	400A <input type="checkbox"/>	CUSTOM <input type="checkbox"/> <small>AMPS -</small>	
MAIN SWITCH LOCATION	TOP <input type="checkbox"/> <small>STANDARD</small>	BOTTOM <input type="checkbox"/>	N/A <input type="checkbox"/>			
DOOR COLOUR	GREY <input type="checkbox"/> <small>STANDARD</small>	ORANGE <input type="checkbox"/>	OTHER <input type="checkbox"/> <small>PLEASE SPECIFY</small>			
DOOR HINGING	LEFT <input type="checkbox"/> <small>STANDARD</small>	RIGHT <input type="checkbox"/>				
FLUSH SURROUND	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>				
PLINTH (IP56 ONLY)	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>				
CHASSIS POLES	24 <input type="checkbox"/>	36 <input type="checkbox"/>	48 <input type="checkbox"/>	60 <input type="checkbox"/>		
	72 <input type="checkbox"/>	84 <input type="checkbox"/>	96 <input type="checkbox"/>	CUSTOM <input type="checkbox"/>	# POLES	
CHASSIS CONFIGURATION	3PH <input type="checkbox"/> <small>R,W,B</small>	3PH+N <input type="checkbox"/> <small>R,W,B,N</small>	1PH+N <input type="checkbox"/> <small>RN,WN,BN</small>	DC <input type="checkbox"/> <small>RBk,RBk,RBk</small>	CUSTOM <input type="checkbox"/>	
CUSTOM CHASSIS	SPLIT <input type="checkbox"/> <small>18/18MM PITCH</small>	SPLIT RATIO	/			
	HYBRID <input type="checkbox"/> <small>27/18MM PITCH</small>	SPLIT RATIO	/			
	OTHER <input type="checkbox"/> <small>PLEASE SPECIFY</small>					
EMERG. LIGHTING CONTROL	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>	25A <input type="checkbox"/>	40A <input type="checkbox"/>	CIRCUITS	QTY
P.E. LIGHTING CONTROL	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>				
ENERGY METERING	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>				
ENERGY METERING COMMS	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>	PROTOCOL:			
ACCESSORY BOX	YES <input type="checkbox"/>	NO <input type="checkbox"/> <small>STANDARD</small>	400MM <input type="checkbox"/>	600MM <input type="checkbox"/>		
ADDITIONAL REQUIREMENTS						

Distribution Board Configuration Form

SIMPLY FILL IN YOUR REQUIREMENTS ON BOTH PAGES AND RETURN TO YOUR NEAREST RAMELEC OFFICE FOR PRICING

CUSTOMER								
CONTACT NAME				EM / PH				
PROJECT						QTY		
CIRCUIT BREAKER SELECTION								
MCB 6KA	1PH	QTY	1PH	QTY	3PH	QTY	3PH	QTY
	C-CURVE		D-CURVE		C-CURVE		D-CURVE	
	2A		2A		2A		2A	
	4A		4A		4A		4A	
	6A		6A		6A		6A	
	10A		10A		10A		10A	
	16A		16A		16A		16A	
	20A		20A		20A		20A	
	25A		25A		25A		25A	
	32A		32A		32A		32A	
	40A		40A		40A		40A	
	50A		50A		50A		50A	
63A		63A		63A		63A		
MCB 10KA	1PH	QTY	1PH	QTY	3PH	QTY	3PH	QTY
	C-CURVE		D-CURVE		C-CURVE		D-CURVE	
	2A		2A		2A		2A	
	4A		4A		4A		4A	
	6A		6A		6A		6A	
	10A		10A		10A		10A	
	16A		16A		16A		16A	
	20A		20A		20A		20A	
	25A		25A		25A		25A	
	32A		32A		32A		32A	
	40A		40A		40A		40A	
	50A		50A		50A		50A	
63A		63A		63A		63A		
				80A		80A		
				100A		100A		
				125A		125A		
				REQ'S HYBRID CHASSIS				
RCBO 10KA - 30mA	1PH	QTY						
	6A							
	10A							
	16A							
	20A							
	25A							
	32A							
	40A							
	45A							
				REQUIRES CUSTOM CHASSIS	3PH	QTY		
					6A			
					10A			
					16A			
					20A			
					25A			
					32A			
					40A			
					50A			
					63A			

RAMELEC

SIEMENS

- Contactors & Overload Relays
- Motor Management Relays
- Pushbuttons & Indicator Lights
- Motor Circuit Breakers & Starter Combinations
- Soft Starters
- Variable Speed Drives
- Monitoring & Control Relays
- ACB's, MCCB's & MCB's



Honeywell

- Industrial MicroSwitch
- Process & Analytical Instruments
- Industrial Controllers, Indicators & Recorders
- Global Limit Switches
- Limitless™ Wireless Global Limit Switches



Weidmüller

- Terminals
- Relays & Optocouplers
- Signal Conditioning
- Surge Protection
- DC Power Supplies & UPS's
- Tools



SIELEC

- Distribution Boards
- IP42 & IP56
- MCCB Chassis 630A & 800A
- MCB Chassis 12 to 96 pole
- Emergency Lighting Test Kits
- Transfer Switches
- Logic Controllers



EPCOS

- Power Factor Correction Trays & Systems
- Controllers & Capacitors
- Reactors, Contactors & Fuse Elements



GO SWITCH

- Magnetic Proximity Sensors (Hazardous & Arduous Environments)
- Valve Position Indicators & Motion Detectors
- Wireless solutions also available



PARTEX MARKING SYSTEMS



RAMTIGHT

- Flexible Steel Conduit & Fittings
- Fittings available in Nickel Plated Brass, Stainless Steel or Steel



NYLOFIX plus

- Flexible Nylon Conduit & Fittings
- Fittings provide quick & easy assembly or removal



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