



Easy Series

2022 Product Catalogue



se.com/au

Life Is On

Schneider
Electric

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About our Company

Schneider's purpose is to **empower all to make the most of our energy and resources, bridging progress and sustainability for all**. We call this **Life Is On**.

Our mission is to be your **digital partner for Sustainability and Efficiency**.



Key figures for 2020:

5%
of revenues devoted to
R&D

€25.2
billion 2020 revenues

41%
of revenues in new
economies

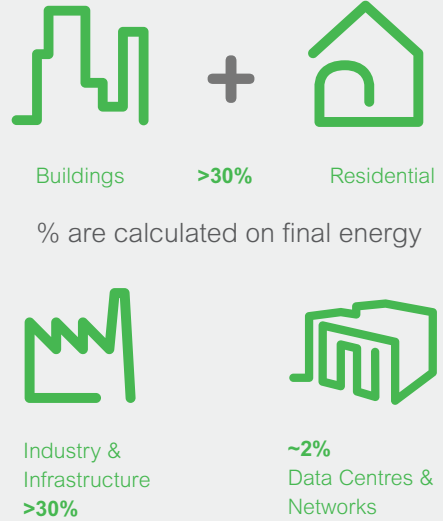
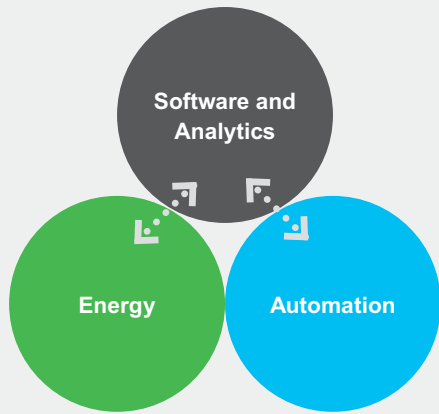
128,500+
employees in over 100
countries

We drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centers, infrastructure and industries.

We are the **most local of global companies**. We are advocates of open standards and partnership ecosystems that are passionate about our shared **Meaningful Purpose, Inclusive and Empowered** values.

At Schneider Electric, we call this Life Is On

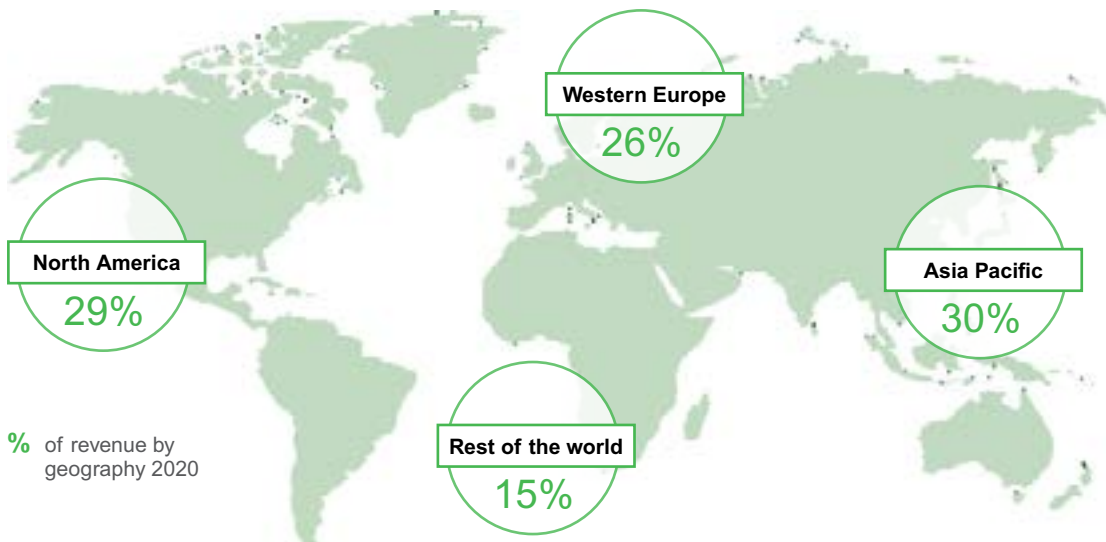
At Schneider Electric, we combine **Energy Management, Automation and Software** serving 4 markets, i.e. 70% of the world energy consumption



Source: IEA Explore 2015

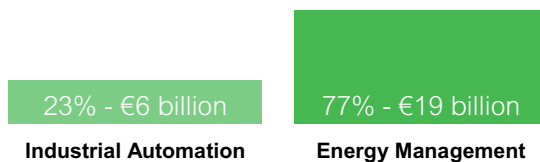
Schneider Electric provides a well-balanced global presence

2020 Revenues breakdown



% of revenue by geography 2020

Two businesses:



Go with us. You'll be going places

When you buy Schneider Electric products, you also get a lot more: Our vast distribution network can deliver select products within 72 hours. Dedicated support services are there when you need them. And you'll gain opportunities to grow professionally and even earn special rewards. The Schneider Electric Panel Builder and contractor programs are ready for you.



Partnership

Grow in your profession and expand your business. You may be eligible for exclusive partnership opportunities to grow your business and your skill set.



Service

Trust a partner who stands behind their product ... and you.

Our dedicated support services are available to give you the help you need.



Rewards

Earn benefits that go beyond your business.

Redeem your loyalty rewards and stay connected with what matters most to you.

EasyPact™ CVS

General Overview

Low voltage circuit breakers from 100 to 630 A

EasyPact™ CVS is packed with world class features and designed especially to meet technical and commercial needs of customers

- Conforms to IEC 60947-1 and 2
- Breaking Capacities:
 - 25 kA (100 A - 250 A), 36 kA (100 A - 630 A),
 - 50 kA (400 A and 630 A)
- Complete range with Service breaking capacity, $I_{cs} = 100\%$ Ultimate breaking capacity, I_{cu}
- Two frame sizes for complete range helps is faster design and delivery of distribution systems
- Thermal magnetic trip units (100 A - 630 A) and electronic trip units (400 A and 630 A)
- Fault current limitation technology helps to reduce the thermal stresses and thus increases the life of cables and installation
- Front accessible common snap fit auxiliaries simplifies the installation procedures and reduces inventory costs
- Suitability for Isolation ensures that the circuit is isolated from the remainder of the system thus the personnel carry out work with complete safety
- Class 2 front face reinforces safety with unique modular construction where the auxiliaries are isolated from the main current path
- MCCB's can be either pad locked or key locked, thus ensuring safety and better control on installation
- High electrical and mechanical endurances



100 A - 250 A



EasyPact™ CVS MCCBs
400 A - 630 A



General Overview

Easy choice for Quality and Value:
Safe, reliable and simple

Safe

Isolation

- EasyPact™ CVS circuit breakers are suitable for Isolation as defined in IEC 60947-2 standards. The aim of isolation is to separate a circuit or apparatus from the remainder of a system which is energized in order that personnel may carry out work on the isolated part in perfect safety
- MCCB locking with external padlocks enables a user to isolate and undertake maintenance with utmost safety.

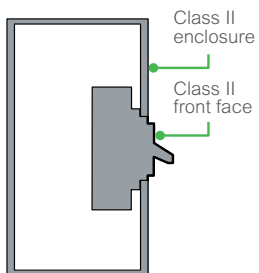


Isolation



Class II front Face

- All EasyPact™ CVS MCCBs are class II Front face devices, they may be installed through the door of class II switchboards without downgrading the switchboard insulation. Installation requires no special operation, even when the Circuit Breaker is equipped with a rotary handle.



Class II panel with circuit breaker having a class II front face

Locking in OFF position

- Key locks enable to lock the breaker in OFF position ensuring safety and better control on installation
- It also helps in interlocking multiple circuit breakers in an installation.



EasyPact™ CVS

General Overview

Reliable

Conforms to IEC 60947-2 for circuit breaker

- Tested at renown international laboratories like KEMA
- Complete range with $I_{cs} = 100\% I_{cu}$

High electrical & Mechanical endurance

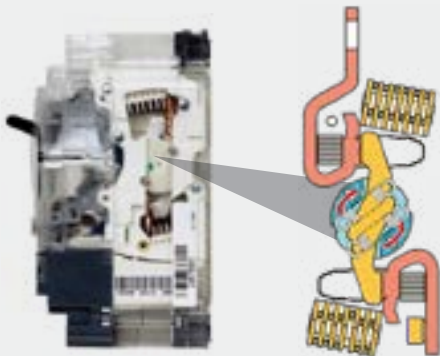
- 30000 mechanical operations for 100 A
- 12000 electrical operations for 100 A

Reliable accessories

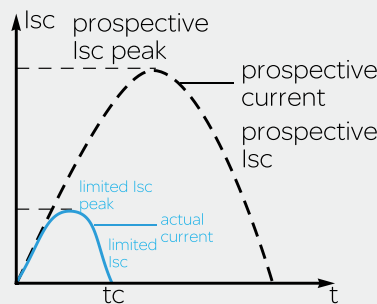
- Continuous rated shunt coils
- Multifunctional Aux./ Alarm contact
- Unique electrical fault trip indication (SDE)

EasyPact™ CVS offer protection for human as well as Electrical installation

- Earth leakage protection through Vigi Module to protect human against leakage current



EasyPact™ CVS Double break Roto mechanism



Current limitation technology

Fault current limitation technology

- EasyPact™ CVS Double break mechanism ensures high fault current limitation
- Reduces thermal stresses on the electrical distribution network
- Increases the life of cables and installation.



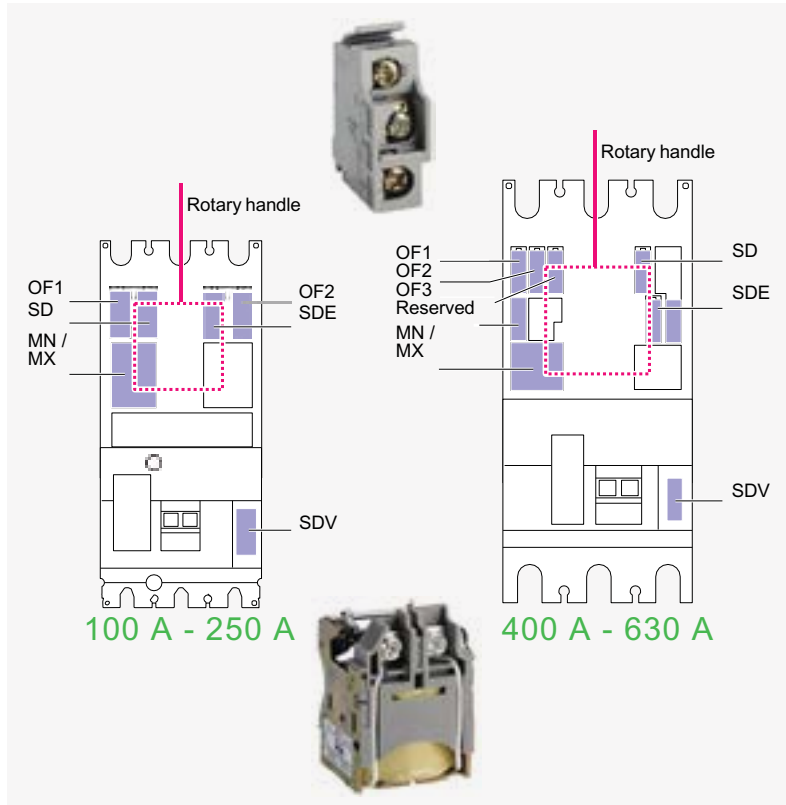
General Overview

Simple

Only two frame sizes up to 630 A

Frame - I: 100 - 250 A

Frame - II: 400 - 630 A



- Common and snap-fit accessories up to 630 A
- Single OF contact for ON/OFF, Trip indication
- Single Shunt coil for remote tripping
- Single Under Voltage coil
- EasyPact™ CVS share same footprint of ComPact™ Family MCCBs
 - mounting dimensions
 - easy retrofitting
 - system upgradeability.

Stands for customer value



Switchboard Manufacturers

- Only two frame sizes up to 630 A
- Common accessories for complete range (ON/OFF/ Trip Auxiliaries/ Shunt/ UV etc.)
- Line load reversibility for entire range
- Suitable for class II switchboards.

Contractors

- Sufficient pole pitch helps to terminate Copper and Aluminum busbars or cables
- Easy availability of the product due to less number of frame size
- Designed to perform in demanding applications.



EasyPact™ CVS

General Overview

CVS100F			
Ui	690V		
Uimp	8kV		
Ue(V)		Icu(kA)	Ics(kA)
220/240~	70	75	
380/415~	36	36	
440~	36	10	
50/60Hz		Cat. A	
IEC/EN 60947-2			

Standardised characteristics indicated on the rating plate:

1. Type of device: frame size and breaking capacity class
2. **Ui**: rated insulation voltage
3. **Uimp**: rated impulse withstand voltage
4. **Ics**: service breaking capacity
5. **Icu**: ultimate breaking capacity for various values of the rated operational voltage **Ue**
6. **Ue**: operational voltage
7. Suitable for Isolation symbol
8. Reference standard

Note: when the circuit breaker is equipped with an extended rotary handle, the door must

Compliance with standards

EasyPact™ CVS circuit breakers and auxiliaries comply with the following international recommendations:

- IEC 60947-1: general rules
- IEC 60947-2: circuit breakers
- IEC 60947-3: switch-disconnectors.

Pollution degree

EasyPact™ CVS circuit breakers are certified for operation in pollution-degree III environments as defined by IEC 60947-1 and IEC 60664-1 standards (industrial environments).

Climatic withstand

EasyPact™ CVS circuit breakers have successfully passed the tests defined by the following standards for extreme atmospheric conditions:

- IEC 60068-2-1: dry cold (-55°C)
- IEC 60068-2-2: dry heat (+85°C)
- IEC 60068-2-30: damp heat (95% relative humidity at 55°C)
- IEC 60068-2-52 severity level 2: salt mist.

Environment

EasyPact™ CVS respects the European environment directive EC/2002/95 concerning the restriction of hazardous substances (RoHS). All EasyPact™ CVS production sites have set up an ISO 14001 certified environmental management system.

Ambient temperature

- EasyPact™ CVS circuit breakers can be used between -25°C and +70°C. For temperatures higher than 40°C (65°C for circuit breakers used to protect motor feeders), devices must be derated.
- Circuit breakers should be put into service under normal ambient, operating temperature conditions. Exceptionally, the circuit breaker can be put into service when the ambient temperature is between -35°C and -25°C.
- The permissible storage-temperature range for EasyPact™ CVS circuit breakers in the original packing is -50°C and +85°C.

Electromagnetic compatibility

EasyPact™ CVS circuit breakers with ETS2.3 electronic trip unit have successfully passed the tests defined by the following standards for EMC:

- IEC/EN 60947-2, Annex F: immunity tests for circuit breakers with electronic protection.

Gain peace of mind,
quality, and value for
your installations



EasyPact™ CVS

Functions and characteristics

Characteristics and performance

Common characteristics

Rated voltages			
Insulation voltage (V)	Ui		690
Impulse withstand voltage (kV)	Uimp		8
Operational voltage (V)	Ue	AC 50/60 Hz	440
Suitability for isolation		IEC/EN 60947-2	yes
Utilisation category			A
Pollution degree		IEC 60664-1	3



EasyPact™ CVS100/160/250



EasyPact™ CVS400/630

Circuit breakers

	CVS100	CVS160	CVS250	CVS400	CVS630
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Performance

Electrical characteristics as per IEC 60947-2

Rated current (A)	In	40°C		100	160	250	400	630
Number of poles				3, 4	3, 4	3, 4	3, 4	3, 4
Breaking capacity levels				B F N	B F N	B F N	F N	F N
Breaking capacity (kA rms)	Icu	AC 50/60 Hz	220/240 V	40 70 90	40 70 90	40 70 90	40 70	40 70
			380/415 V	25 36 50	25 36 50	25 36 50	36 50	36 50
			440 V	20 36 50	20 36 50	20 36 50	30 42	30 42
Service breaking capacity (kA rms)	Ics	AC 50/60 Hz	220/240 V	40 70 90	40 70 90	40 70 90	40 70	40 70
			380/415 V	25 36 50	25 36 50	25 36 50	36 50	36 50
			440 V	15 18 38	15 18 38	15 18 38	23 32	23 32
Durability (C-O cycles)	Mechanical			30000	25000	20000	15000	15000
	Electrical	415V	In/2 In	30000 12000	25000 12000	20000 10000	12000 6000	8000 4000

Protection

Short-circuit protection	Magnetic only	b	b	b	b	b
Overload/short-circuit protection	Thermal magnetic	b	b	b	b	b
	Electronic	-	-	-	b	b
	With neutral protection (Off-0.5-1)	-	-	-	b	b
Earth-leakage protection	By Vigi module	b	b	b	b	b

Installation/connections

Dimensions and weights

Dimensions (mm) W x H x D	Fixed, front connections	3P	105 x 161 x 86	105 x 161 x 86	105 x 161 x 86	140 x 255 x 110	140 x 255 x 110
		4P	140 x 161 x 86	140 x 161 x 86	140 x 161 x 86	185 x 255 x 110	185 x 255 x 110
Weight (kg)	Fixed, front connections	3P	1.8	1.8	2.0	4.7	5.2
		4P	2.2	2.3	2.6	6.3	7.1

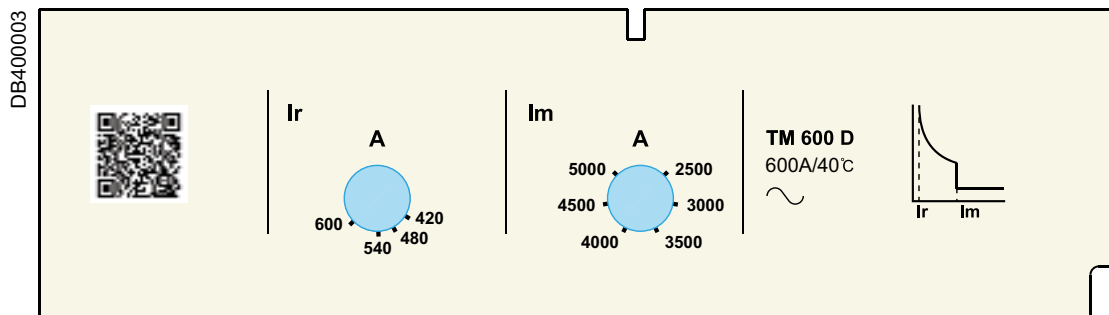
Connections

Connection terminals	Pitch	Without spreaders	35/45 mm	35/45 mm	35/45 mm	45/52.5 mm	45/52.5 mm
		With spreaders				45/70 mm	45/70 mm
Large Cu or Al cables	Cross-section mm²		300	300	300	4 x 240	4 x 240

Protection of distribution systems

TM-D thermal-magnetic trip units can be used on EasyPact™ CVS100-630 circuit breakers with performance levels B/F/N.

TM-D thermal-magnetic trip units



Protection

TM-D trip units are used mainly in electrical distribution applications for protection of cables supplied by transformers.

Thermal protection (I_r)

Thermal protection operates according to:

- I_r that can be adjusted in amps from 0.7 to 1 times the rating of the trip unit (16 A to 250 A), corresponding to settings from 11 to 250 A for the range of trip units
- a non-adjustable time delay.

Magnetic protection (I_m)

Short-circuit protection with a fixed or adjustable pick-up I_m that initiates instantaneous tripping if exceeded.

- TM-D: fixed pick-up, I_m , for 16 A to 250 A ratings and adjustable from 5 to 10 x I_n for 400 A ratings, 4.2 to 8.3 x I_n for 600 A rating.

Protection versions

- 3-pole:
 - 3P 3D: 3-pole frame (3P) with detection on all 3 poles (3D).
- 4-pole:
 - 4P 3D: 4-pole frame (4P) with detection on 3 poles (3D),
 - 4P 4D: 4-pole frame (4P) with detection on all 4 poles (same threshold for phases and neutral).

EasyPact™ CVS

Functions and characteristics

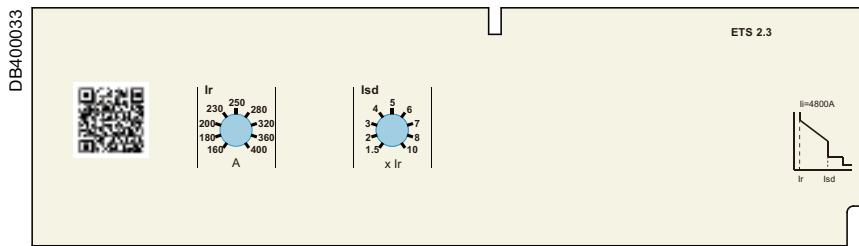
Thermal-magnetic trip units		TM16D to 250D												TM320D to 600D			
Ratings (A)	In at 40°C ¹	16	25	32	40	50	63	80	100	125	160	200	250	320	400	500	600
Circuit breaker	CVS100	■	■	■	■	■	■	■	■	-	-	-	-	-	-	-	-
	CVS160	-	-	-	-	-	-	-	■	■	■	-	-	-	-	-	-
	CVS250	-	-	-	-	-	-	-	-	-	■	■	■	-	-	-	-
	CVS400	-	-	-	-	-	-	-	-	-	-	-	-	■	■	-	-
	CVS630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	■	■
Magnetic protection																	
Pick-up (A) accuracy ±20%	Im	Fixed	-	-	-	-	-	-	-	-	-	-	-	Adjustable			
	CVS100	190	300	400	500	500	500	640	800	-	-	-	-	-	-	-	-
	CVS160/250	-	-	-	-	-	-	-	800	1250	1250	2000	2500	-	-	-	-
	CVS400	-	-	-	-	-	-	-	-	-	-	-	-	1600 to 3200 (320 A) 2000 to 4000 (400 A)			
	CVS630	-	-	-	-	-	-	-	-	-	-	-	-	2500 to 5000			
Thermal protection																	
Pick-up (A) tripping between 1.05 and 1.30 Ir	Ir = In x ...	Adjustable in amps from 0.7 to 1 x In															
Neutral protection																	
Unprotected neutral	4P 3D	No detection															
Fully protected neutral	4P 4D	1 x Ir															

¹ For temperatures not equal to 40°C, the thermal protection characteristics are modified. See the temperature derating table.
 Note: All the trip units have a transparent lead-sealable cover that protects access to the adjustment dials.

Protection of distribution systems

ETS 2.3 electronic trip unit and accessories

ETS2.3 electronic trip unit



Circuit breakers equipped with ETS2.3 trip units can be used to protect distribution systems supplied by transformers.

Protection

Settings are made using the adjustment dials with adjustment possibilities.

Overloads: Long time protection (Ir)

Inverse time protection against overloads with an adjustable current pick-up I_r set using a dial and a non-adjustable time delay t_r .

Short-circuits: Short-time protection with fixed time delay (Isd)

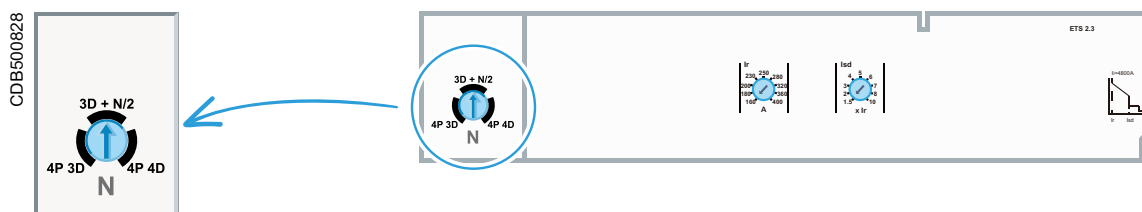
Protection with an adjustable pick-up I_{sd} . Tripping takes place after a very short delay used to allow discrimination with the downstream device.

Short-circuits: Non-adjustable instantaneous protection

Instantaneous short-circuit protection with a fixed pick-up.

Neutral protection

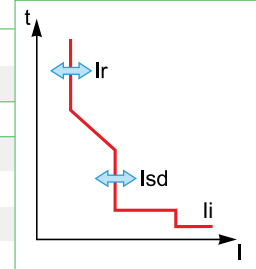
- On 3-pole circuit breakers, neutral protection is not possible.
- On four-pole circuit breakers, neutral protection may be set using a three-position switch:
 - 4P 3D: neutral unprotected,
 - 4P 3D + N/2: neutral protection at half the value of the phase pick-up, i.e. $0.5 \times I_r$,
 - 4P 4D: neutral fully protected at I_r .



EasyPact™ CVS

Functions and characteristics

ETS2.3											
Ratings (A)	In at 40°C ¹	400	630								
Circuit breaker	CVS400	■	-								
	CVS630	-	■								
L Long-time protection											
Pick-up (A) tripping between 1.05 and 1.20 Ir	Ir	Value depending on trip unit rating (In) and setting on dial									
	In = 400 A	Ir =	160	180	200	230	250	280	320	360	400
	In = 630 A	Ir =	250	280	315	370	400	440	505	565	630
Time delay (s) accuracy 0 to -20%	tr	keypad setting	Non-adjustable								
		1.5 x Ir	200								
		6 x Ir	8								
		7.2 x Ir	5.5								
Thermal memory	20 minutes before and after tripping										
S Short-time protection with fixed time delay											
Pick-up (A) accuracy ±10%	Isd = Ir x ...	1.5	2	3	4	5	6	7	8	10	
	tsd	Non-adjustable									
	Non-tripping time	20									
	Maximum break time	80									
I Instantaneous protection											
Pick-up (A) accuracy ±15%	li non-adjustable	4800 6930									
	Non-tripping time	10 ms									
	Maximum break time	50 ms for I>li									

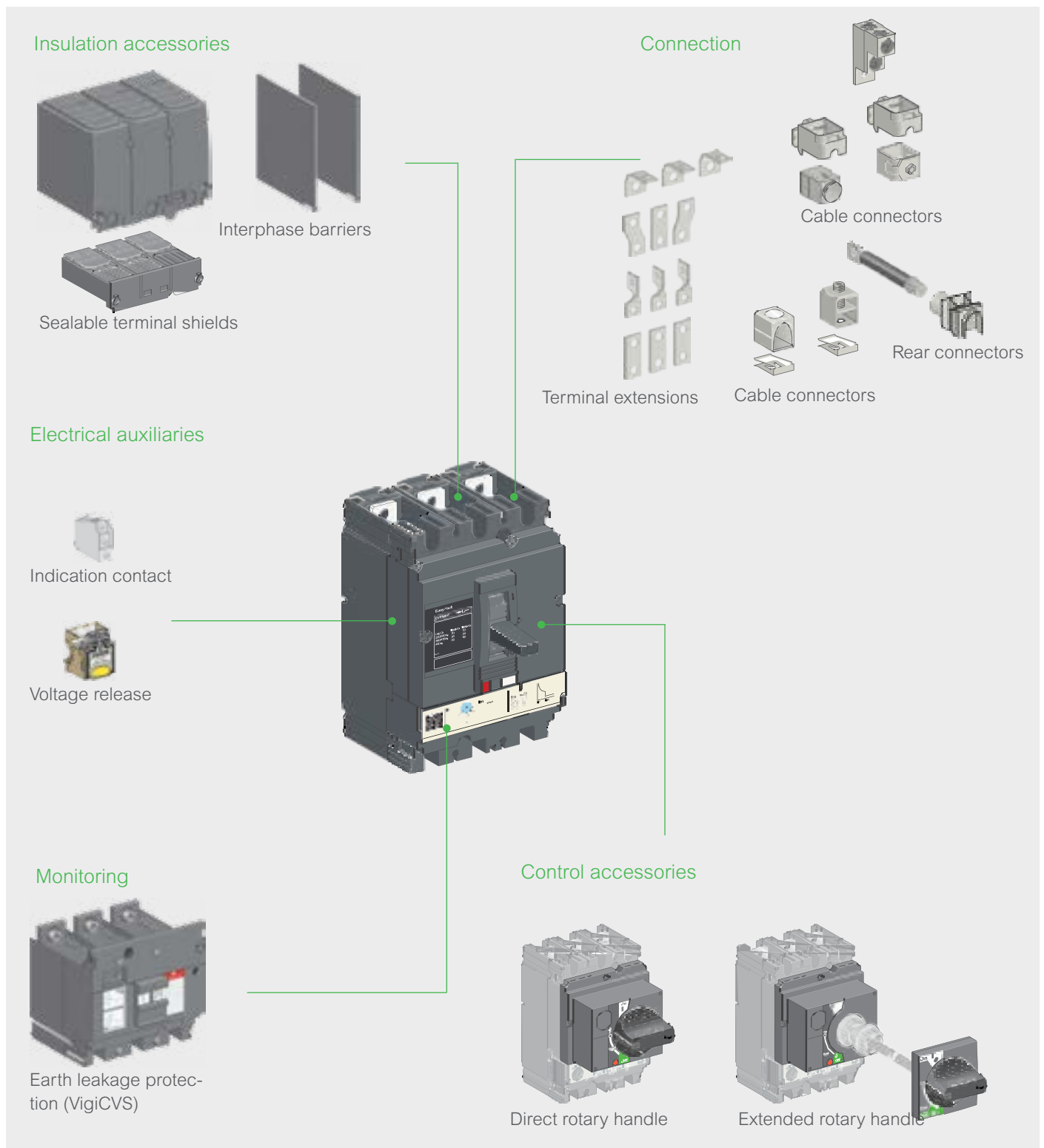


¹ If the trip units are used in high-temperature environments, the ETS^{2,3} setting must take into account the thermal limitations of the circuit breaker. See the temperature derating table.

Note: All the trip units have a transparent lead-sealable cover that protects access to the adjustment dials.

Accessories and auxiliaries

Overview



CVS100/160/250: complete fixed/FC device

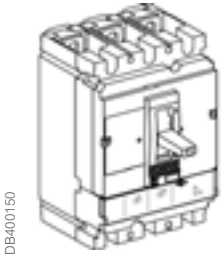
Reference Numbers

EasyPact™ CVS100/160/250

(25 kA/36kA, 380/415 V)

EasyPact™ CVS100/160/250B (25kA)

With TM-D thermal-magnetic trip unit



DB400150

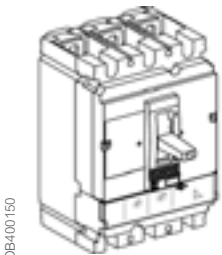
EasyPact™ CVS100B (25 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM16D	LV510300	LV510310
TM25D	LV510301	LV510311
TM32D	LV510302	LV510312
TM40D	LV510303	LV510313
TM50D	LV510304	LV510314
TM63D	LV510305	LV510315
TM80D	LV510306	LV510316
TM100D	LV510307	LV510317

EasyPact™ CVS160B (25 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM125D	LV516302	LV516312
TM160D	LV516303	LV516313

EasyPact™ CVS250B (25 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM200D	LV525305	LV525315
TM250D	LV525306	LV525316

EasyPact™ CVS100/160/250F (36kA)

With TM-D thermal-magnetic trip unit



DB400150

EasyPact™ CVS100F (36 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM16D	LV510330	LV510340
TM25D	LV510331	LV510341
TM32D	LV510332	LV510342
TM40D	LV510333	LV510343
TM50D	LV510334	LV510344
TM63D	LV510335	LV510345
TM80D	LV510336	LV510346
TM100D	LV510337	LV510347

EasyPact™ CVS160F (36 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM125D	LV516332	-
TM160D	LV516333	-

EasyPact™ CVS250F (36 kA at 380/415 V)		
Rating	3P 3d	4P 3d
TM200D	LV525335	LV525345
TM250D	LV525336	LV525346

CVS100/160/250N: complete fixed/FC device

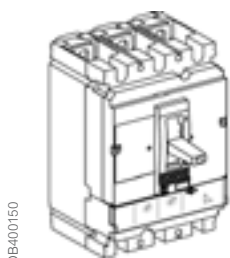
Reference Numbers

EasyPact™ CVS100/160/250N

(50 kA 380/415 V)

EasyPact™ CVS160/250N

With TM-D thermal-magnetic trip unit



DE400150

EasyPact™ CVS100N (50 kA at 380/415 V)

Rating	3P 3d	4P 3d
TM16D	LV510470	-
TM25D	LV510471	-
TM32D	LV510472	-
TM40D	LV510473	-
TM50D	LV510474	-
TM63D	LV510475	-
TM80D	LV510476	-
TM100D	LV510477	-

EasyPact™ CVS160N (50 kA at 380/415 V)

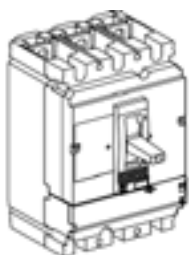
Rating	3P 3d	4P 3d
TM125D	LV516462	-
TM160D	LV516463	-

EasyPact™ CVS250N (50 kA at 380/415 V)

Rating	3P 3d	4P 3d
TM200D	LV525452	-
TM250D	LV525453	-

EasyPact™ CVS 250NA switch-disconnector

With NA switch-disconnector unit



DE400155

EasyPact™ CVS250NA

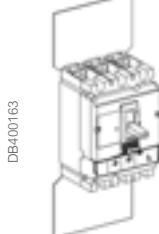
Rating	3P 3d	4P 3d
250	LV525425	-

Accessories

Reference Numbers

EasyPact™ and Vigi CVS100/160/250

EasyPact™ CVS100/160/250F (36kA)



Rear connections

2 short			LV429235
2 long			LV429236

Bare cable connectors

Steel connectors	1 x (1.5 to 95 mm ²) ; y 160 A	Set of 3	LV429242
		Set of 4	LV429243
Aluminium connectors	1 x (25 to 95 mm ²) ; y 250 A	Set of 3	LV429227
		Set of 4	LV429228
	1 x (120 to 185 mm ²) ; y 250 A	Set of 3	LV429259
		Set of 4	LV429260
Clips for connectors		Set of 10	LV429241

Aluminium connectors for 2 cables ⁽¹⁾	2 x (50 to 120 mm ²) ; y 250 A	Set of 3	LV429218
		Set of 4	LV429219

6.35 mm voltage tap for steel or aluminium connectors		Set of 10	LV429348
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Terminal extensions

Spreaders from 35 to 45 mm pitch ⁽¹⁾		Set of 3	LV431563
		Set of 4	LV431564

Insulation accessories

1 short terminal shield for breaker		3 P	LV429515
		4 P	LV429516
1 long terminal shield for breaker		3 P	LV429517
		4 P	LV429518

Interphase barriers for breaker		Set of 6	LV429329
---------------------------------	--	----------	----------

2 insulating screens for breaker (45 mm pitch)		3 P	LV429330
		4 P	LV429331

⁽¹⁾ Supplied with 2 or 3 interphase barriers.

Accessories

Reference Numbers

EasyPact™ and Vigi CVS100/160/250

Electrical auxiliaries

DB112254



Auxiliary contacts (changeover)

OF or SD or SDE or SDV	29450
OF or SD or SDE or SDV low level	29452

CDB500821-00



SDE adaptor, mandatory for trip unit TM, MA	LV429451
---	----------

DB111454



Voltage releases

Voltage	MX	MN
AC 110-130 V 50/60 Hz	LV429386	LV429406
220-240 V 50/60 Hz and 208-277 V 60 Hz	LV429387	LV429407
DC 24 V	LV429390	LV429410

Rotary handles

DB112259



Direct rotary handle

With black handle	LV429337
-------------------	----------

DB112260



Extended rotary handle

With black handle	LV429338
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Locks

DB400164



Toggle locking device for 1 to 3 padlocks

By removable device	29370
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DB400165



By fixed device	29371
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DB112263



Locking of rotary handle

Keylock adaptor (keylock not included)		LV429344
Keylock (keylock adaptor not included)	Ronis 1351B.500	41940
	Profalux KS5 B24 D4Z	42888

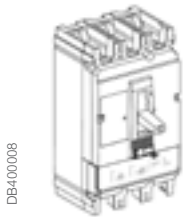
CVS400/630: complete fixed/FC device

Reference Numbers

EasyPact™ CVS400/630F/N

(25 kA/36kA, 380/415 V)

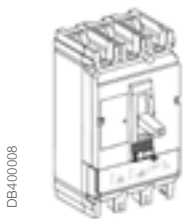
EasyPact™ CVS400/630F



DB400008

With TM-D thermal-magnetic trip unit			
EasyPact™ CVS400F (36 kA at 380/415 V)			
Rating		3P 3d	4P 3d
TM320D		LV540305	LV540308
TM400D		LV540306	LV540309
EasyPact™ CVS630F (36 kA at 380/415 V)			
Rating		3P 3d	4P 3d
TM500D		LV563305	LV563308
TM600D		LV563306	LV563309

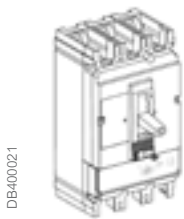
EasyPact™ CVS400/630N



DB400008

With TM-D thermal-magnetic trip unit			
EasyPact™ CVS400N (50 kA at 380/415 V)			
Rating		3P 3d	4P 3d
TM320D		LV540315	LV540318
TM400D		LV540316	LV540319
EasyPact™ CVS630N (50 kA at 380/415 V)			
Rating		3P 3d	4P 3d
TM500D		LV563315	LV563318
TM600D		LV563316	LV563319

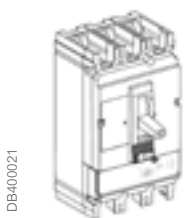
EasyPact™ CVS400/630F



DB400021

ETS 2.3 electronic trip unit (LSOI protection)			
		3P 3d	4P 3d, 4d, 3d + N/2
EasyPact™ CVS400F (36 kA at 380/415 V)	400 A	LV540505	LV540506
EasyPact™ CVS630F (36 kA at 380/415 V)	630 A	LV563505	LV563506

EasyPact™ CVS400/630N



DB400021

ETS 2.3 electronic trip unit (LSOI protection)			
		3P 3d	4P 3d, 4d, 3d + N/2
EasyPact™ CVS400N (50 kA at 380/415 V)	400 A	LV540510	LV540511
EasyPact™ CVS630N (50 kA at 380/415 V)	630 A	LV563510	LV563511

Accessories

Reference Numbers

EasyPact™ and Vigi CVS400/630

Connection accessories (Cu or Al)



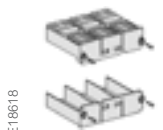
Rear connections		
2 short		LV432475
2 long		LV432476



Cable connectors ⁽¹⁾		
Aluminium connector 1x (35 to 300 mm ²)	Set of 3	LV432479
	Set of 4	LV432480
Aluminium connector 2x (35 to 240 mm ²)	Set of 3	LV432481
	Set of 4	LV432482
Voltage plug for aluminium connector 1 or 2 cables	Set of 10	LV429348



Terminal extension ⁽¹⁾			
Spreaders	52.5 mm	3P	LV432490
		4P	LV432491
	70 mm	3P	LV432492
		4P	LV432493



Insulation accessories		
Short terminal shield, 45 mm (1 piece)	3P	LV432591
	4P	LV432592
Long terminal shield, 45 mm (1 piece)	3P	LV432593
	4P	LV432594
Interphase barriers	Set of 6	LV432570
Long terminal shield for spreaders, 52,5mm (1 piece) (supplied with insulating plate)	3P	LV432595
	4P	LV432596
2 insulating screens (70 mm pitch)	3P	LV432578
	4P	LV432579



⁽¹⁾ Supplied with 2 or 3 interphase barriers.

Electrical auxiliaries



Auxiliary contacts (changeover)		
OF or SD or SDE or SDV		29450
OF or SD or SDE or SDV low level		29452
SDE adaptor mandatory for trip unit TM, MA and ETS2.3		LV540050



Voltage releases			
Voltage		MX	MN
AC	110-130 V 50/60 Hz	LV429386	LV429406
	220-240 V 50/60 Hz and 208-277 V 60 Hz	LV429387	LV429407
DC	24 V	LV429390	LV429410

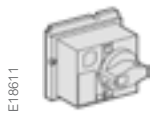


Accessories

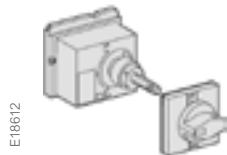
Reference Numbers

EasyPact™ and Vigi CVS400/630

Rotary handle

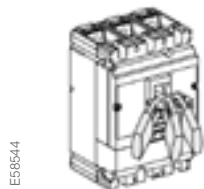


Direct rotary handle		
Standard black handle		LV432597



Extended rotary handle		
Standard extended rotary handle		LV432598

Locks




Toggle locking device for 1 to 3 padlocks		
By removable device		29370

By fixed device		32631
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Locking of the rotary handle		
Keylock adaptor (keylock not included)		LV432598
Keylock (keylock adaptor not included)	Ronis 1351B.500	41940
	Profalux KS5 B24 D4Z	42888


Innovation that protects:
 Learn about the technical information of the EasyPact™ CVS range here



Offer



Catalogue



Scan or click on QR code



EasyPact™ TVS

General Overview

Low voltage motor starter solutions from 6 to 630 A

The EasyPact™ TVS provides the essential performance, reliability, and cost-effectiveness required to meet the majority of LV motor starter needs.

Contactor

- 9 sizes from 6 to 630A
- 2.2 kW to 335 kW (AC3 / 400V)
- AC control
- Embedded auxiliary contacts

Thermal overload relay

- Direct mounting under contactors
- Class 10A

Motor protection circuit breaker

- One size from 0.37 to 15 kW
- Width = 44.5 mm
- Icu breaking capacity up to 100 kA

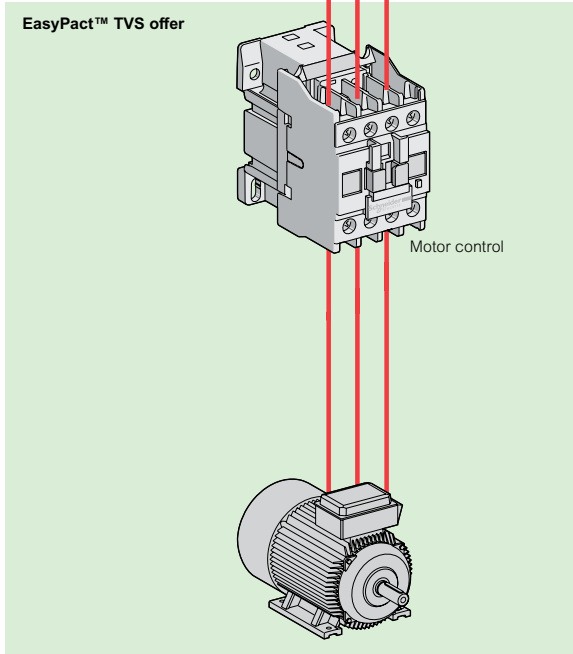
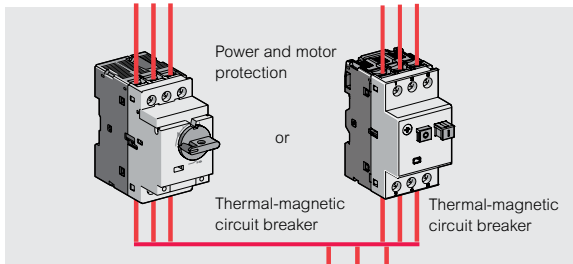
Control relay

- 2 NO / 2 NC
- 3 NO / 1 NC
- 4 NO / 0 NC

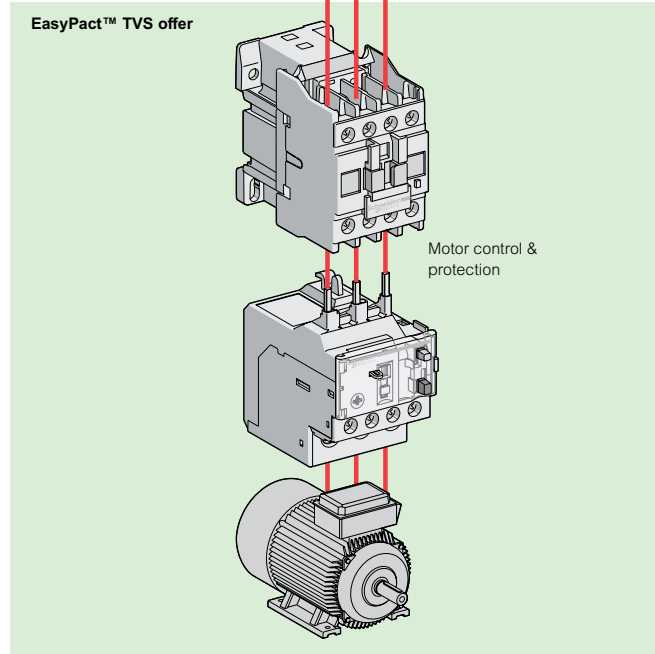
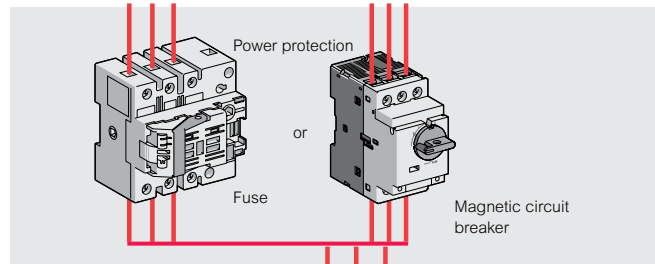


2 principles to build your starter solution

2-components solution
(Thermal-magnetic circuit breaker + Contactor)



3-components solution
(Magnetic circuit breaker or fuse + Contactor + TOR)



To build the essential solutions in an easy and simple way

Control			Terminal Block
Reverse starter			Star- Delta solution

EasyPact™ TVS

General Overview

EasyPact™ TVS range

Comprehensive, simple, and capable motor starter solutions

EasyPact™ TVS provides all the performance, reliability, and cost-effectiveness required to meet the majority of LV motor starter needs.

Precision engineered to deliver the optimal set of capabilities, EasyPact™ TVS is a value-leader and ideal choice for AC1 and AC3 applications in HVAC, textile, material handling, and manufacturing environments, to name just a few.

Choose EasyPact™ TVS when you need to cover the broadest range of motor starting applications, simply, easily, and effectively.



Complete
range%

of motor starter solutions

80 years

of leadership in motor
starter technology

Part of the EasyPact™ family of protection and control solutions

The EasyPact™ TVS range of motor starters delivers the perfect balance of:

The performance you need

Application-optimized EasyPact™ TVS features answer 80% of your motor starting needs.

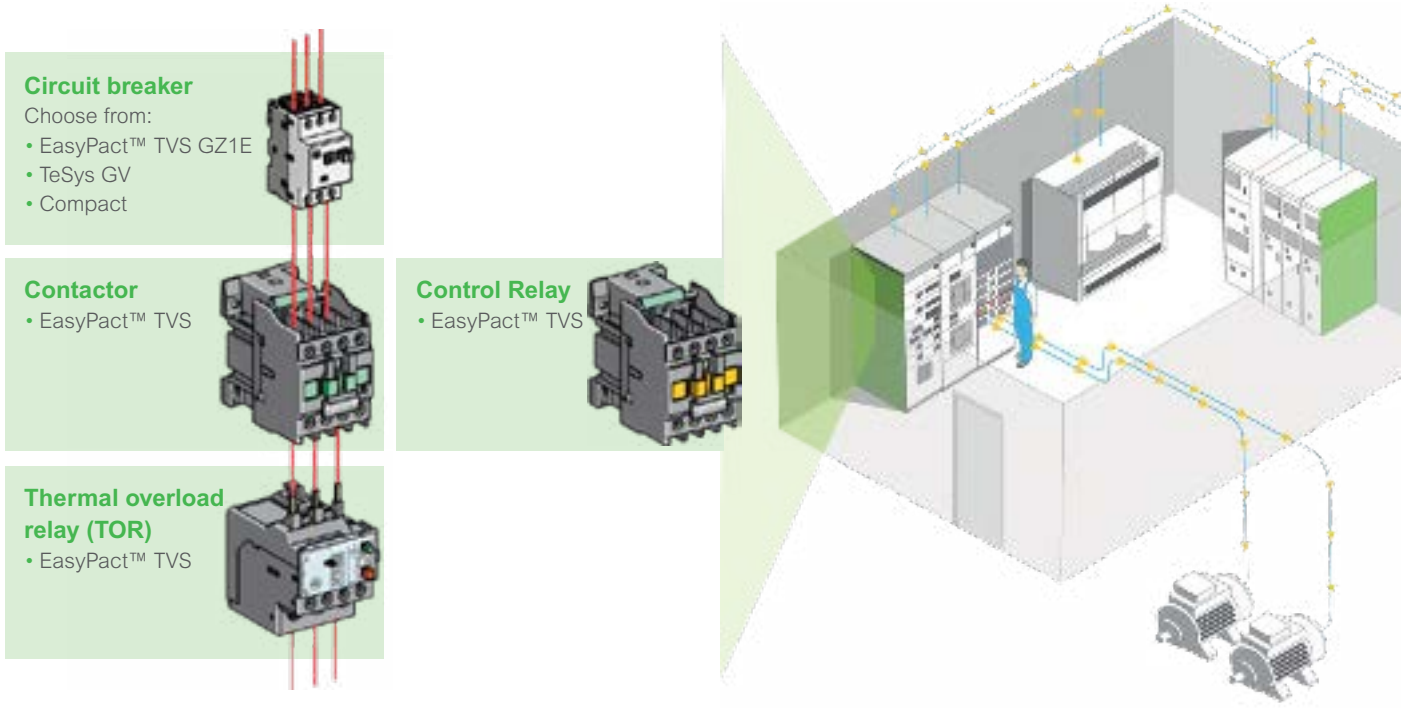
At a cost-effective investment

With simplicity of selection, purchasing, stocking, and installation designed into every unit, pay only for what you need and avoid specifying lower quality alternatives just to obtain excellent value.

With the quality you demand

Using advanced manufacturing methods and premium materials, EasyPact™ TVS delivers the Schneider Electric commitment to quality without compromise.

The performance you need



Four products to protect and control

Electric motors keep processes and facilities running, help enhance productivity and, when effectively controlled, keep costs in line.

EasyPact™ TVS solutions give you everything you need to control and protect motor loads in a wide variety of applications. Each essential component is compact while being quick and easy to install.

They combine seamlessly together to provide all of the essential functions for reliable control, with overload and short circuit protection.

80%

of common applications covered

Delivering the essential capabilities

Motor protection circuit breaker

- One size from 0.37 to 15 kW
- Width = 44.5 mm
- Icu breaking capacity up to 100 kA

Thermal overload relay

- The complete range offers optional direct mounting under contactors
- Class 10 A

Contactors

- Nine sizes from 6 to 630A
- 2.2 kW to 335 kW (AC3 / 400 V)
- AC control
- Embedded auxiliary contacts
- Type1 co-ordination

Control relay

- Choose from three combinations of contact types: 2 NO / 2 NC, 3 NO / 1 NC, 4 NO / 0 NC

EasyPact™ TVS

General Overview

A cost-effective investment

Optimized cost and maximum flexibility

In response to increasingly tight budgets in today's cost-conscious business environment, the EasyPact™ TVS range has been engineered with optimization in mind.

All components provide an optimum range of features, performance, and quality at their price point.

Extended flexibility

A maximum number of solutions are covered with an extended range of products, helping you reduce stocking requirements and simplify design.

9 sizes

cover common applications from 6 to 630 A



Introducing a motor protection circuit breaker that completes the EasyPact™ TVS range, making it one of the broadest choices of motor starter solutions in its class.

Easy ordering and stocking

An intuitive sales reference system ensures EasyPact™ TVS components are straightforward to understand, order, and stock.



Direct mounting of contactor and TOR reduces installation time and saves space in your switchboard.

Easy installation

EasyPact™ TVS components are easy to install in new panels or retrofit in existing motor control panels. Devices are designed for compatibility, which reduces the amount of cabling and time required, while enhancing reliability.

Key accessories for do-it-yourself solutions

Control

- Auxiliary contact block (LAEN)

Star Delta

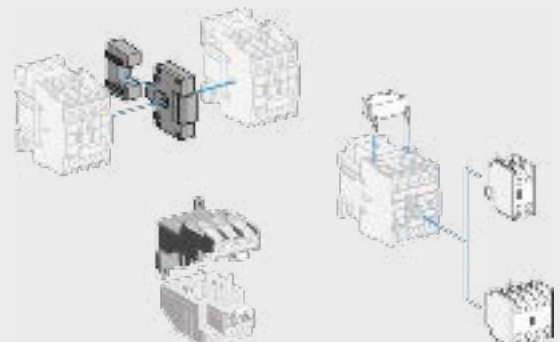
- Time delay auxiliary contact block (LAETSD)

Reversing starter

- Mechanical interlock (LAEM)

Terminal block

- Enables separate mounting of thermal overload relay (LAEB)



The quality you demand

The reliability and expertise you depend on

Being the Global Specialist in Energy Management™ means more than simply supplying industry-leading products, integrated solutions, and comprehensive services to customers around the world.

It also means leveraging our strong local presence and multidisciplinary expertise to ensure all your projects deliver more for less-on time and on budget.

Choose the leader

Schneider Electric leadership in energy management and power protection has resulted in an unparalleled portfolio of high quality products trusted for use in demanding applications.

All offers are easy to find and order, and you can count on our global network of skilled sales, engineering, and support professionals to help you be your most efficient.

An assurance of safety

The EasyPact™ TVS range conforms to the IEC 60947 standards, and all components are fully tested, approved, and certified by national, international, and third party organizations.

Proven quality

When you want exceptional quality and value in a motor starter, turn to Schneider Electric

The EasyPact™ TVS range is manufactured from premium materials in ISO 9001 and ISO 14000 certified production plants.

Motor protection circuit breaker

The EasyPact™ TVS circuit breaker is design specifically for motor protection applications, offering simplicity in a single size combined with breaking capacity performance up to 100 kVA.

Control relay

Three types of EasyPact™ TVS control relays, with 4 normally open (NO) and normally closed (NC) contacts, support any requirement to interface EasyPact™ TVS contactors with manual control devices or automation equipment.

ISO9001
ISO14000

quality certified
manufacturing

100%

Commitment to quality



EasyPact™ TVS

Functions and characteristics

EasyPact™ TVS contactors

3-pole contactors from 6 to 630 A



Size		1					2		3		
Rated operational current AC-3	A	6	9	12	18	25	32	38	40	50	65
Rated operational current AC-1	A	20	25		32	36	50		60	70	80
Rated operational power in AC-3	220/230 V	1.1	2.2	3	4	5.5	7.5	9	11	15	18.5
	380/400 V	2.2	4	5.5	7.5	11	15	18.5	18.5	22	30
	415/440 V	2.2	4	5.5	9	11	15	18.5	22	25/30	37
	500 V	3	5.5	7.5	10	15	18.5	18.5	22	30	37
	660/690 V	3	5.5	7.5	10	15	18.5	18.5	30	33	37
Width	mm	45			45.5		56		75		
Coil rated operating voltage		24...440 V AC according to the coil voltage code (see below)									
Auxiliary built in contact		1 NO or 1 NC						1 NO + 1 NC			
References ^[1]		LC1E06	LC1E09	LC1E12	LC1E18	LC1E25	LC1E32	LC1E38	LC1E40	LC1E50	LC1E65

^[1] Partial



Size		4		5		6	
Rated operational current AC-3	A	80	95	120	160	200	250
Rated operational current AC-1	A	110	120	150	200	250	300
Rated operational power in AC-3	220/230 V	22	25	37	45	55	75
	380/400 V	37	45	55	75	90	132
	415/440 V	45	45	59	80	100	140
	500 V	45	55	75	90	110	160
	660/690 V	45	45	80	100	110	160
Width	mm	85		120		168.5	
Coil rated operating voltage		24...440 V AC according to the coil voltage code (see below)					
Auxiliary built in contact		1 NO + 1 NC				-	
References ^[1]		LC1E80	LC1E95	LC1E120	LC1E160	LC1E200	LC1E250

^[1] Partial

Refer SEAU website for detailed references



Scan or click on QR code

Contact SE local office for 4Pole contactors

EasyPact™ TVS contactors

3-pole contactors from 6 to 630 A



Size		7	8	9
Rated operational current AC-3	A	300	400	500
Rated operational current AC-1	A	320	500	700
Rated operational power in AC-3	220/230 V	90	110	147
	380/400 V	160	200	250
	415/440 V	160/185	220/250	280/295
	500 V	200	257	355
	660/690 V	220	280	335
Width	mm	213	213	233
Coil rated operating voltage		24...440 V AC according to the coil voltage code (see below)		
Auxiliary built in contact		-		
References ^[1]		LC1E300	LC1E400	LC1E500
				LC1E630

[1] Partial

Common characteristics

Contactors compatible with:



LAENp auxiliary contact blocks



LAETSD time delay auxiliary contact (from 25 A contactor)



LAERCpp RC switch suppressor (up to 95 A)



LAEMp mechanical interlock



LAEPp set of power connections (up to 95 A)

Utilisation categories

- Class AC-1: AC loads with cos j at least equal to 0.95 (resistive load, heating, distribution, etc.)
- Class AC-3: squirrel-cage motors with breaking taking place with the motor running.

EasyPact™ TVS

Functions and characteristics

EasyPact™ TVS thermal overload relays



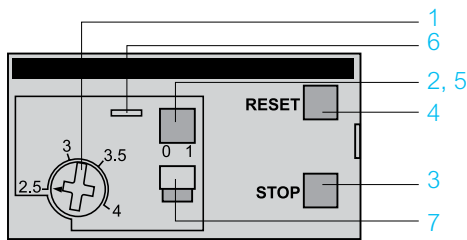
Presentation

EasyPact™ TVS thermal overload relays are designed to protect a.c. circuits and motors against:

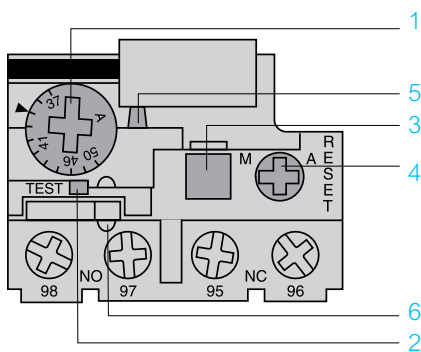
- overloads
- phase failure
- long starting time
- prolonged stalled rotor condition.

The thermal relay controls permanently the current driven by the motor. When this current exceeds the setting it's auxiliary contacts will change state, causing the motor to stop.

Description



1. Adjustment dial I_r.
2. Test button.
Operation of the Test button allows:
 - checking of control circuit wiring,
 - simulation of relay tripping (actuates both the N/O and N/C contacts)
3. Stop button. Actuates the N/C contact; does not affect the N/O contact.
4. Reset button.
5. Trip indicator.
6. Setting locked by sealing the cover.
7. Selector for manual or automatic reset.



LRE relays are supplied with the selector in the manual position, protected by a cover.

Deliberate action is required to move it to the automatic position.

EasyPact™ TVS thermal overload relays



TOR Com. Ref	Possible I _{max} Calibration	Compatible with Contactor (size 1 & 2) Com. Ref.						
		LC1E06	LC1E09	LC1E12	LC1E18	LC1E25	LC1E32	LC1E38
LRE01	0.10...0.16 A	■	■	■	■	■	■	■
LRE02	0.16...0.25 A	■	■	■	■	■	■	■
LRE03	0.25...0.40 A	■	■	■	■	■	■	■
LRE04	0.40...0.63 A	■	■	■	■	■	■	■
LRE05	0.63...1 A	■	■	■	■	■	■	■
LRE06	1...1.6 A	■	■	■	■	■	■	■
LRE07	1.6...2.5 A	■	■	■	■	■	■	■
LRE08	2.5...4 A	■	■	■	■	■	■	■
LRE10	4...6 A	■	■	■	■	■	■	■
LRE12	5.5...8 A		■	■	■	■	■	■
LRE14	7...10 A		■	■	■	■	■	■
LRE16	9...13 A			■	■	■	■	■
LRE21	12...18 A				■	■	■	■
LRE22	16...24 A					■	■	■
LRE32	23...32 A					■	■	■
LRE35	30...38 A							■

Common characteristics

- Class: 10 A
- Operating voltage: max. 690 V AC.

EasyPact™ TVS

Functions and characteristics

EasyPact™ TVS thermal overload relays



TOR Com. Ref	Possible I _{max} Calibration	Compatible with Contactor (size 3 & 4) Com. Ref.				
		LC1E40	LC1E50	LC1E65	LC1E80	LC1E95
LRE322	17...25 A	■	■	■	■	■
LRE353	23...32 A	■	■	■	■	■
LRE355	30...40 A	■	■	■	■	■
LRE357	37...50 A		■	■	■	■
LRE359	48...65 A			■	■	■
LRE361	55...70 A				■	■
LRE363	63...80 A				■	■
LRE365	80...104 A					■



TOR Com. Ref	Possible I _{max} Calibration	Compatible with Contactor (size 5, 6, 7, 8 & 9) Com. Ref.							
		LC1E120	LC1E160	LC1E200	LC1E250	LC1E300	LC1E400	LC1E500	LC1E630
LRE480	51...81 A	■	■	□	□	□	□	□	□
LRE481	62...99 A	■	■	□	□	□	□	□	□
LRE482	84...135 A	■	■	□	□	□	□	□	□
LRE483	124...198 A		□	■	□	□	□	□	□
LRE484	146...234 A			□	■	■	■	□	□
LRE485	174...279 A			□	■	■	■	□	□
LRE486	208...333 A				■	■	■	□	□
LRE487	259...414 A					■	■	□	□
LRE488	321...513 A						□	■	□
LRE489	394...630 A							□	■

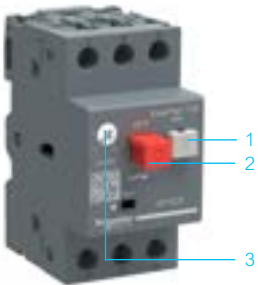
Note:

■ means the relay can match with contactor both in electrical and mechanical.

□ means the relay can match with contactor only in electrical (can not directly mounting).

EasyPact™ TVS motor protection circuit breaker

GZ1 0.1 A to 32 A



GZ1E*

Presentation

Connection

These circuit-breakers are designed for connection by screw clamp terminals. This technique ensures secure, permanent and durable clamping that is resistant to harsh environments, vibration and impact and is even more effective when conductors without cable ends are used. Each connection can take two independent conductors.

Motor ON/OFF pushbutton control

Energisation is controlled manually by operating the Start button “I” **1**.
De-energisation is controlled manually by operating the Stop button “O” **2**,
or automatically by the thermal-magnetic protection elements or by a voltage trip attachment.

Protection of motors and personnel

For thermal magnetic circuit breakers GZ1E, Motor protection is provided by the thermal-magnetic protection elements incorporated in the motor circuit-breaker. The magnetic elements (short-circuit protection) have a non-adjustable tripping threshold, which is equal to about 13 times the maximum setting current of the thermal trips.

The thermal elements (overload protection) include automatic compensation for ambient temperature variations. The rated operational current of the motor is displayed by means of a graduated knob **3**.

GZ1 E motor circuit-breakers are easily installed in any configuration thanks to their universal fixing arrangement: screw fixing or clip-on mounting on symmetrical, asymmetrical or combination rails.

Circuit breakers for motor protection and control

EasyPact™ TVS motor circuit breakers GZ1 provide easy and essential solutions for:

- Isolation
- protection against short circuits and overloads
- on-off manual control of motors up to 15 kW.

They are conforming to, depending of the versions, IEC 60947-2 and IEC 60947-4-1.

GZ1						
	Protection against		Range	Control	Terminals	Dimensions (W x H x D)
	Short-circuits	Overload				
GZ1E*	Yes	Yes	Up to 15kW	Push button	Screw clamp	44.5 x 89 x 66



Motor circuit breakers versus fuse protection?

Circuit breakers are a common solution for protecting motor against short circuits and overloads. As a comparison, a fuse based solution can only provide a partial protection depending on the choice of the fuse type and rating. The thermal magnetic circuit breaker is adjustable and can be fine-tuned to the practical motor load.

The fuse based solution offers a very fast protection.

EasyPact™ TVS

Reference Numbers

EasyPact™ TVS Motor Control

EasyPact™ TVS Contactors with: 1 NO contact (LC1E••10) or 1 NC contact (LC1E••01)



3-pole contactors – 2,2KW

3P CONTACTOR EasyPact™ TVS 1NC 2,2KW 400V AC3 110VAC	LC1E0601F5
3P CONTACTOR EasyPact™ TVS 1NC 2,2KW 400V AC3 240VAC	LC1E0601U5
3P CONTACTOR EasyPact™ TVS 1NC 2,2KW 400V AC3 415VAC	LC1E0601N5
3P CONTACTOR EasyPact™ TVS 1NO 2,2KW 400V AC3 24VAC	LC1E0610B5
3P CONTACTOR EasyPact™ TVS 1NO 2,2KW 400V AC3 110VAC	LC1E0610F5
3P CONTACTOR EasyPact™ TVS 1NO 2,2KW 400V AC3 240VAC	LC1E0610U5
3P CONTACTOR EasyPact™ TVS 1NO 2,2KW 400V AC3 415VAC	LC1E0610N5

3-pole contactors – 4KW

3P CONTACTOR EasyPact™ TVS 1NC 4KW 400V AC3 24VAC	LC1E0901B5
3P CONTACTOR EasyPact™ TVS 1NC 4KW 400V AC3 110VAC	LC1E0901F5
3P CONTACTOR EasyPact™ TVS 1NC 4KW 400V AC3 240VAC	LC1E0901U5
3P CONTACTOR EasyPact™ TVS 1NC 4KW 400V AC3 415VAC	LC1E0901N5
3P CONTACTOR EasyPact™ TVS 1NO 4KW 400V AC3 24VAC	LC1E0910B5
3P CONTACTOR EasyPact™ TVS 1NO 4KW 400V AC3 110VAC	LC1E0910F5
3P CONTACTOR EasyPact™ TVS 1NO 4KW 400V AC3 240VAC	LC1E0910U5
3P CONTACTOR EasyPact™ TVS 1NO 4KW 400V AC3 415VAC	LC1E0910N5

3-pole contactors – 5,5KW

3P CONTACTOR EasyPact™ TVS 1NC 5,5KW 400V AC3 24VAC	LC1E1201B5
3P CONTACTOR EasyPact™ TVS 1NC 5,5KW 400V AC3 110VAC	LC1E1201F5
3P CONTACTOR EasyPact™ TVS 1NC 5,5KW 400V AC3 240VAC	LC1E1201U5
3P CONTACTOR EasyPact™ TVS 1NC 5,5KW 400V AC3 415VAC	LC1E1201N5
3P CONTACTOR EasyPact™ TVS 1NO 5,5KW 400V AC3 24VAC	LC1E1210B5
3P CONTACTOR EasyPact™ TVS 1NO 5,5KW 400V AC3 110VAC	LC1E1210F5
3P CONTACTOR EasyPact™ TVS 1NO 5,5KW 400V AC3 240VAC	LC1E1210U5
3P CONTACTOR EasyPact™ TVS 1NO 5,5KW 400V AC3 415VAC	LC1E1210N5

3-pole contactors – 7,5KW

3P CONTACTOR EasyPact™ TVS 1NC 7,5KW 400V AC3 24VAC	LC1E1801B5
3P CONTACTOR EasyPact™ TVS 1NC 7,5KW 400V AC3 110VAC	LC1E1801F5
3P CONTACTOR EasyPact™ TVS 1NC 7,5KW 400V AC3 240VAC	LC1E1801U5
3P CONTACTOR EasyPact™ TVS 1NC 7,5KW 400V AC3 415VAC	LC1E1801N5
3P CONTACTOR EasyPact™ TVS 1NO 7,5KW 400V AC3 24VAC	LC1E1810B5
3P CONTACTOR EasyPact™ TVS 1NO 7,5KW 400V AC3 110VAC	LC1E1810F5
3P CONTACTOR EasyPact™ TVS 1NO 7,5KW 400V AC3 240VAC	LC1E1810U5
3P CONTACTOR EasyPact™ TVS 1NO 7,5KW 400V AC3 415VAC	LC1E1810N5

3-pole contactors – 11KW

3P CONTACTOR EasyPact™ TVS 1NC 11KW 400V AC3 24VAC	LC1E2501B5
3P CONTACTOR EasyPact™ TVS 1NC 11KW 400V AC3 48VAC	LC1E2501E5
3P CONTACTOR EasyPact™ TVS 1NC 11KW 400V AC3 110VAC	LC1E2501F5
3P CONTACTOR EasyPact™ TVS 1NC 11KW 400V AC3 240VAC	LC1E2501U5
3P CONTACTOR EasyPact™ TVS 1NC 11KW 400V AC3 415VAC	LC1E2501N5
3P CONTACTOR EasyPact™ TVS 1NO 11KW 400V AC3 24VAC	LC1E2510B5
3P CONTACTOR EasyPact™ TVS 1NO 11KW 400V AC3 110VAC	LC1E2510F5
3P CONTACTOR EasyPact™ TVS 1NO 11KW 400V AC3 240VAC	LC1E2510U5
3P CONTACTOR EasyPact™ TVS 1NO 11KW 400V AC3 415VAC	LC1E2510N5

Note: Contactors with: 1 NO contact (LC1E••10) or 1 NC contact (LC1E••01)

EasyPact™ TVS Motor Control

EasyPact™ TVS Contactors with: 1 NO contact (LC1E••10) or 1 NC contact (LC1E••01) (cont.)



3-pole contactors – 15KW

3P CONTACTOR EasyPact™ TVS 1NC 15KW 400V AC3 24VAC	LC1E3201B5
3P CONTACTOR EasyPact™ TVS 1NC 15KW 400V AC3 110VAC	LC1E3201F5
3P CONTACTOR EasyPact™ TVS 1NC 15KW 400V AC3 240VAC	LC1E3201U5
3P CONTACTOR EasyPact™ TVS 1NC 15KW 400V AC3 415VAC	LC1E3201N5
3P CONTACTOR EasyPact™ TVS 1NO 15KW 400V AC3 24VAC	LC1E3210B5
3P CONTACTOR EasyPact™ TVS 1NO 15KW 400V AC3 110VAC	LC1E3210F5
3P CONTACTOR EasyPact™ TVS 1NO 15KW 400V AC3 240VAC	LC1E3210U5
3P CONTACTOR EasyPact™ TVS 1NO 15KW 400V AC3 415VAC	LC1E3210N5

3-pole contactors – 18,5KW

3P CONTACTOR EasyPact™ TVS 1NC 18,5KW 400V AC3 240VAC	LC1E3801U5
3P CONTACTOR EasyPact™ TVS 1NC 18,5KW 400V AC3 415VAC	LC1E3801N5
3P CONTACTOR EasyPact™ TVS 1NO 18,5KW 400V AC3 24VAC	LC1E3810B5
3P CONTACTOR EasyPact™ TVS 1NO 18,5KW 400V AC3 110VAC	LC1E3810F5
3P CONTACTOR EasyPact™ TVS 1NO 18,5KW 400V AC3 240VAC	LC1E3810U5
3P CONTACTOR EasyPact™ TVS 1NO 18,5KW 400V AC3 415VAC	LC1E3810N5

Contactors (with 1 NO +1 NC contact)



3-pole contactors – 18,5KW

3P CONTACTOR EasyPact™ TVS 18,5KW 400V AC3 24VAC	LC1E40B5
3P CONTACTOR EasyPact™ TVS 18,5KW 400V AC3 110VAC	LC1E40F5
3P CONTACTOR EasyPact™ TVS 18,5KW 400V AC3 240VAC	LC1E40U5
3P CONTACTOR EasyPact™ TVS 18,5KW 400V AC3 415AC	LC1E40N5

3-pole contactors – 22KW

3P CONTACTOR EasyPact™ TVS 22KW 400V AC3 24VAC	LC1E50B5
3P CONTACTOR EasyPact™ TVS 22KW 400V AC3 110VAC	LC1E50F5
3P CONTACTOR EasyPact™ TVS 22KW 400V AC3 240VAC	LC1E50U5
3P CONTACTOR EasyPact™ TVS 22KW 400V AC3 415AC	LC1E50N5

3-pole contactors – 30KW

3P CONTACTOR EasyPact™ TVS 30KW 400V AC3 24VAC	LC1E65B5
3P CONTACTOR EasyPact™ TVS 30KW 400V AC3 110VAC	LC1E65F5
3P CONTACTOR EasyPact™ TVS 30KW 400V AC3 415AC	LC1E65N5

3-pole contactors – 37KW

3P CONTACTOR EasyPact™ TVS 37KW 400V AC3 24VAC	LC1E80B5
3P CONTACTOR EasyPact™ TVS 37KW 400V AC3 110VAC	LC1E80F5
3P CONTACTOR EasyPact™ TVS 37KW 400V AC3 240VAC	LC1E80U5
3P CONTACTOR EasyPact™ TVS 37KW 400V AC3 415AC	LC1E80N5

3-pole contactors – 45KW

3P CONTACTOR EasyPact™ TVS 45KW 400V AC3 24VAC	LC1E95B5
3P CONTACTOR EasyPact™ TVS 45KW 400V AC3 110VAC	LC1E95F5
3P CONTACTOR EasyPact™ TVS 45KW 400V AC3 240VAC	LC1E95U5
3P CONTACTOR EasyPact™ TVS 45KW 400V AC3 415AC	LC1E95N5

Note: Contactors with: 1 NO contact (LC1E••10) or 1 NC contact (LC1E••01). All contactors from 40A – 160A come with 1NO + 1NC

EasyPact™ TVS

Reference Numbers

EasyPact™ TVS Motor Control

EasyPact™ TVS Contactors (with 1 NO +1 NC contact) (cont.)



3-pole contactors – 55KW		
3P CONTACTOR EasyPact™ TVS 55KW 400V AC3 24VAC		LC1E120B5
3P CONTACTOR EasyPact™ TVS 55KW 400V AC3 110V		LC1E120F5
3P CONTACTOR EasyPact™ TVS 55KW 400V AC3 220V		LC1E120M5
3P CONTACTOR EasyPact™ TVS 55KW 400V AC3 240V		LC1E120U5
3P CONTACTOR EasyPact™ TVS 55KW 400V AC3 415V		LC1E120N5
3-pole contactors – 90KW		
3P CONTACTOR EasyPact™ TVS 90KW 400V AC3 24VAC		LC1E160B5
3P CONTACTOR EasyPact™ TVS 90KW 400V AC3 110V		LC1E160F5
3P CONTACTOR EasyPact™ TVS 90KW 400V AC3 220V		LC1E160M5
3P CONTACTOR EasyPact™ TVS 90KW 400V AC3 240V		LC1E160U5
3P CONTACTOR EasyPact™ TVS 90KW 400V AC3 415V		LC1E160N5

Contactors with no 'NO or NC' contact



3-pole contactors – 110KW		
3P CONTACTOR EasyPact™ TVS 110KW 400V AC3 24VAC		LC1E200B5
3P CONTACTOR EasyPact™ TVS 110KW 400V AC3 110V		LC1E200F5
3P CONTACTOR EasyPact™ TVS 110KW 400V AC3 240V		LC1E200U5
3P CONTACTOR EasyPact™ TVS 110KW 400V AC3 415V		LC1E200N5
3-pole contactors – 132KW		
3P CONTACTOR EasyPact™ TVS 132KW 400V AC3 24VAC		LC1E250B5
3P CONTACTOR EasyPact™ TVS 132KW 400V AC3 110V		LC1E250F5
3P CONTACTOR EasyPact™ TVS 132KW 400V AC3 240V		LC1E250U5
3P CONTACTOR EasyPact™ TVS 132KW 400V AC3 415V		LC1E250N5



3-pole contactors – 160KW		
3P CONTACTOR EasyPact™ TVS 160KW 400V AC3 24VAC		LC1E300B5
3P CONTACTOR EasyPact™ TVS 160KW 400V AC3 110V		LC1E300F5
3P CONTACTOR EasyPact™ TVS 160KW 400V AC3 240V		LC1E300U5
3P CONTACTOR EasyPact™ TVS 160KW 400V AC3 415V		LC1E300N5

3-pole contactors – 200KW		
3P CONTACTOR EasyPact™ TVS 200KW 400V AC3 110V		LC1E400F7
3P CONTACTOR EasyPact™ TVS 200KW 400V AC3 240V		LC1E400U7
3P CONTACTOR EasyPact™ TVS 200KW 400V AC3 415V		LC1E400N7

3-pole contactors – 250KW		
3P CONTACTOR EasyPact™ TVS 250KW 400V AC3 110V		LC1E500F7
3P CONTACTOR EasyPact™ TVS 250KW 400V AC3 240V		LC1E500U7
3P CONTACTOR EasyPact™ TVS 250KW 400V AC3 415V		LC1E500N7



3-pole contactors – 335KW		
3P CONTACTOR EasyPact™ TVS 335KW 400V AC3 110V		LC1E630F7
3P CONTACTOR EasyPact™ TVS 335KW 400V AC3 240V		LC1E630U7
3P CONTACTOR EasyPact™ TVS 335KW 400V AC3 415V		LC1E630N7

Note: We do not provide in-built 1NO or 1NC from 200A onwards (3-pole contactors – 110KW till 335KW).

EasyPact™ TVS Motor Control

EasyPact™ TVS Control Relays



Control Relay – 2NO/2NC	
CONTROL RELAY EasyPact™ TVS 2NO 2NC COIL 24VAC	CAE22B5
CONTROL RELAY EasyPact™ TVS 2NO 2NC COIL 110VAC	CAE22F5
CONTROL RELAY EasyPact™ TVS 2NO 2NC COIL 240VAC	CAE22U5
CONTROL RELAY EasyPact™ TVS 2NO 2NC COIL 415VAC	CAE22N5
Control Relay – 3NO/1NC	
CONTROL RELAY EasyPact™ TVS 3NO 1NC COIL 24VAC	CAE31B5
CONTROL RELAY EasyPact™ TVS 3NO 1NC COIL 110VAC	CAE31F5
CONTROL RELAY EasyPact™ TVS 3NO 1NC COIL 240VAC	CAE31U5
CONTROL RELAY EasyPact™ TVS 3NO 1NC COIL 415VAC	CAE31N5
Control Relay – 4NO	
CONTROL RELAY EasyPact™ TVS 4NO COIL 24VAC	CAE40B5
CONTROL RELAY EasyPact™ TVS 4NO COIL 48VAC	CAE40E5
CONTROL RELAY EasyPact™ TVS 4NO COIL 110VAC	CAE40F5
CONTROL RELAY EasyPact™ TVS 4NO COIL 240VAC	CAE40U5
CONTROL RELAY EasyPact™ TVS 4NO COIL 415VAC	CAE40N5

EasyPact™ TVS Motor Circuit Breakers



Motor Circuit Breaker – 3-pole	
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 0.4-0.63A	GZ1E04
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 0.63-1A	GZ1E05
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 1-1.6A	GZ1E06
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 1.6-2.5A	GZ1E07
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 2.5-4A	GZ1E08
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 4-6.3A	GZ1E10
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 6-10A	GZ1E14
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 9-14A	GZ1E16
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 17-23A	GZ1E21
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 20-25A	GZ1E22
EasyPact™ TVS GZ1 MOTOR CIRCUIT BREAKER 24-32A	GZ1E23

EasyPact™ TVS

Reference Numbers

EasyPact™ TVS Motor Control

EasyPact™ TVS Thermal Overload Relays



Thermal Overload Relays from 0.1 to 630 A	
THERMAL OVERLOAD RELAY EasyPact™ TVS 0,16...0,25A	LRE02
THERMAL OVERLOAD RELAY EasyPact™ TVS 0,25...0,4A	LRE03
THERMAL OVERLOAD RELAY EasyPact™ TVS 0,4...0,63A	LRE04
THERMAL OVERLOAD RELAY EasyPact™ TVS 0,63...1A	LRE05
THERMAL OVERLOAD RELAY EasyPact™ TVS 1...1,6A	LRE06
THERMAL OVERLOAD RELAY EasyPact™ TVS 1,6...2,5A	LRE07
THERMAL OVERLOAD RELAY EasyPact™ TVS 2,5...4A	LRE08
THERMAL OVERLOAD RELAY EasyPact™ TVS 4...6A	LRE10
THERMAL OVERLOAD RELAY EasyPact™ TVS 5,5...8A	LRE12
THERMAL OVERLOAD RELAY EasyPact™ TVS 7...10A	LRE14
THERMAL OVERLOAD RELAY EasyPact™ TVS 9...13A	LRE16
THERMAL OVERLOAD RELAY EasyPact™ TVS 12...18A	LRE21
THERMAL OVERLOAD RELAY EasyPact™ TVS 16...24A	LRE22
THERMAL OVERLOAD RELAY EasyPact™ TVS 23...32A	LRE32
THERMAL OVERLOAD RELAY EasyPact™ TVS 30...38A	LRE35
THERMAL OVERLOAD RELAY EasyPact™ TVS 17...25A	LRE322
THERMAL OVERLOAD RELAY EasyPact™ TVS 23...32A	LRE353
THERMAL OVERLOAD RELAY EasyPact™ TVS 30...40A	LRE355
THERMAL OVERLOAD RELAY EasyPact™ TVS 37...50A	LRE357
THERMAL OVERLOAD RELAY EasyPact™ TVS 48...65A	LRE359
THERMAL OVERLOAD RELAY EasyPact™ TVS 55...70A	LRE361
THERMAL OVERLOAD RELAY EasyPact™ TVS 63...80A	LRE363
THERMAL OVERLOAD RELAY EasyPact™ TVS 80...104A	LRE365
THERMAL OVERLOAD RELAY EasyPact™ TVS 51...81A	LRE480
THERMAL OVERLOAD RELAY EasyPact™ TVS 62...99A	LRE481
THERMAL OVERLOAD RELAY EasyPact™ TVS 84...135A	LRE482
THERMAL OVERLOAD RELAY EasyPact™ TVS 124...198A	LRE483
THERMAL OVERLOAD RELAY EasyPact™ TVS 146...234A	LRE484
THERMAL OVERLOAD RELAY EasyPact™ TVS 174...279A	LRE485
THERMAL OVERLOAD RELAY EasyPact™ TVS 208...333A	LRE486
THERMAL OVERLOAD RELAY EasyPact™ TVS 259...414A	LRE487
THERMAL OVERLOAD RELAY EasyPact™ TVS 321...513A	LRE488
THERMAL OVERLOAD RELAY EasyPact™ TVS 394...630A	LRE489

Reference Numbers

EasyPact™ TVS Motor Control

Accessories



Auxiliary Contact Block

AUXILIARY CONTACT BLOCK EasyPact™ TVS 1NO 1NC	LAEN11
AUXILIARY CONTACT BLOCK EasyPact™ TVS 2NO	LAEN20
AUXILIARY CONTACT BLOCK EasyPact™ TVS 2NC	LAEN02
AUXILIARY CONTACT BLOCK EasyPact™ TVS 2NO 2NC	LAEN22



Mechanical Interlock

MECHANICAL INTERLOCK EasyPact™ TVS 6 65	LAEM1
MECHANICAL INTERLOCK EasyPact™ TVS 80 95	LAEM4
MECHANICAL INTERLOCK EasyPact™ TVS 120 160	LAEM5
MECHANICAL INTERLOCK EasyPact™ TVS 200 250	LAEM6
MECHANICAL INTERLOCK EasyPact™ TVS 300 400 500	LAEM7
MECHANICAL INTERLOCK EasyPact™ TVS 630	LAEM8



Terminal Block

Terminal block for EasyPact™ TVS LRE01 UP TO LRE35	LAEB1
Terminal block for EasyPact™ TVS LRE322 UP TO LRE365	LAEB3



RC Surge Block

RC SURGE BLOCK 24 48 VAC EasyPact™ TVS 6 95	LAERCE
RC SURGE BLOCK 50 127 VAC EasyPact™ TVS 6 95	LAERCG
RC SURGE BLOCK 110 240 VAC EasyPact™ TVS 6 95	LAERCU
RC SURGE BLOCK 380 415 VAC EasyPact™ TVS 6 95	LAERCN



Innovation that protects:

Learn about the technical information of the **EasyPact™** TVS range here



Offer



Catalogue

Scan or click on QR code

EasyLogic™ PM2000 Series

General Overview

Multifunction energy and power meters



EasyLogic™ PM2000 series & Dual Circuit Meter

The easy choice for energy cost management applications in commercial buildings and SME industries

EasyLogic™ PM2000 series energy and power meters provide all the measurement capabilities required to monitor an electrical installation in a single 96 x 96 mm unit, available with LCD display.

The easy choice...

- for quality - Designed and manufactured in ISO-certified Schneider Electric facilities.
- for value - The right balance of features and price.
- for peace of mind - Reliable performance where you need it.

Leaner, more efficient order management thanks to field settable CT or PT ratios, modularity Fast and efficient installation & commissioning.

Safety marks for CE and UL compliance in accordance with latest IEC/UL 61010-1 Ed-3 standard.

Performance without compromise - exceptional reliability in its class

- Assured quality that you can trust to meet your needs throughout its lifecycle
- Outstanding value for an optimized feature set
- Simple to choose and easy to install and use for many applications

The EasyLogic™ PM2000 multi-function energy and power meter

Offering all the measurement capabilities required to monitor electrical installation in a single 96 x 96 mm unit, with LCD display.

Applications

Cost management applications

- Bill checking to verify that you are only charged for the energy you use
- Aggregation of energy consumption, including WAGES, and cost allocation per area, per usage, per shift or per time within the same facility
- Energy cost and usage analysis per zone, per usage or per time period to optimise energy usage.

Network management applications

- Metering of electrical parameters to better understand the behaviour of your electrical distribution system
- Power quality analysis.



EasyLogic™ PM2000 Series

Functions and characteristics

PM2000 technical specifications



PM2000 LCD display

Commercial ref. number	Model
METSEPM2220	PM2220
METSEPM2230	PM2230
METSEPM2220R	PM2200R

General

- Use on LV and MV systems with onsite programmable PT/CT ratio
- Basic metering with THD %, Individual Harmonics, RTC and min/max readings

Current	Average line current of 3-phase, per-phase, and calculated neutral current
Voltage	Average voltage of L-L, L-N parameters, and per-phase
Frequency	Any available line
Real, reactive, and apparent power	Total and per-phase value
Displacement power factor	Average and per-phase signed, four quadrant
True Power Factor	Average and per-phase signed, four quadrant
% Unbalance	Among the phase for Amps, V L-N, V L-L

Energy values stored in non-volatile memory

Four quadrant measurement for Delivered (Forward or Import) and Received (Reverse or Export) energy	Accumulated energy values for Active, Reactive & Apparent Energy parameters, quadrant basis Net & Total (absolute) values
Timer	Accumulated time counters for active load timer, meter operation timer, run hours and power outage counter
Old Registers	Facilitates retrieval of last cleared energy values

Demand values

Current average	Present, Last, Predicted, Peak, and Peak Date Time
Active power	Present, Last, Predicted, Peak, and Peak Date Time
Reactive power	Present, Last, Predicted, Peak, and Peak Date Time
Apparent power	Present, Last, Predicted, Peak, and Peak Date Time
Demand sync methods	Thermal, Timed, Command Sync, and Clocked Sync
Demand calculation mode	Sliding, fixed and rolling block
Demand intervals	Settable from 1 to 60 minutes, in the step of 1 minute

Display

PM2200 series	Full scope, monochrome graphical LCD of 128 x 128 resolution with viewable area of 67 x 62.5 mm
Visualization mode for signs	IEC or IEEE type in LCD display meter

Communication

RS-485 serial	Channel connection Industry standard Modbus RTU protocol
Integration with software	SCADA/DCS/PMS/EMS/BAS/BMS software
Native Plug and Play support	<ul style="list-style-type: none"> • Schneider Electric energy management system software EcoStruxure™ Power Monitoring Expert, • EcoStruxure™ PowerSCADA Operation, & ION Setup programming support

Min/Max values

Minimum & Maximum value recording of 3-ph average or total	For 8 parameters, viz., V L-L, V L-N, Amps, PF, Hz, W, VA, VAR with date and time stamp, resettable separately through set up mode
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Alarms

Alarming with time stamping in PM2x30 meters	A different combination of set point driven alarms and digital alarms with 1 s time stamping. The alarms can be programmed and combined to trigger digital outputs, the meter keeps an alarm logs with the active and historical alarms with date and time stamping in 40 registers
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Diagnostics

Diagnostic page	Indicates LED/LCD status, sl number, diag pages, OS &RS version, Run Hour counter in PM2100
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Lock/ Un-Lock

Page Lock & Unlock (PM2100 series)	Unique feature to ensures that commonly referred page is restored in 4 minutes of inactive time
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Rate 1 counter^[2]

Kg CO ₂ emission (example)	Rate counter can be configured to display the CO ₂ emission in kg CO ₂ format based on the kWh measured either in delivered or received direction
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Rate 2 counter^[2]

Tariff counter (example)	Rate counter can also be configured to calculate the electricity cost based on the energy consumption in customized currency format
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Configurable snap shot

Configurable snap shot ^[2]	Snap shot of Avg Voltage, Avg Current, Total Active Power & Energy delivered as measured by the meter at configurable time in Hours: Minutes format. Static page is refreshed with new values by next day at pre-configured time
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PM2000 electrical characteristics



Rear of PM2000 closed

Type of measurement	True RMS 64 samples per cycle	
Measurement accuracy		
Current, average & per-phase	± 0.5%	
Voltage average & per-phase	± 0.5%	
Frequency	± 0.05%	
Power Factor, average & per-phase	± 0.01	
Power (W-Active, VA- Apparent)	± 0.5%	
Power (VAR- Reactive)	± 1.0%	
Real/ Active Energy (Wh)	<ul style="list-style-type: none"> • Class 0.5S as per IEC 62053-22 • Class 1.0 as per IEC 62053-21 for both CT nominal of 5 A and 1 A^[3] 	
Reactive Energy	Class 1.0 as per IEC 62053-24	
Apparent Energy	± 0.5%	
THD % and Individual Harmonics- V & A	± 5% FS for THD % & Individual harmonics	
Input-voltage		
VT primary	999 kV L-L max, secondary voltage depends on VT ratio	
U nominal	277 V L-N/480V L-L	
Measured V with full range	<ul style="list-style-type: none"> • 20-277 V L-N/35 - 480 V L-L, cat III • 20-347 V L-N/35 - 600 V L-L, cat II 	
Permanent overload	750 V AC L-L	
Impedance	u 5 MΩ	
Frequency nominal	50/60 Hz	
VA burden	< 0.2 VA at 240 V AC L-N	
Input-current		
CT ratings	<ul style="list-style-type: none"> • Primary adjustable 1 A to 32768 A • Secondary 1 A or 5 A I-nominal 	
Measured Amps with overrange & Crest Factor	5 mA to 6 A	
Over current withstand	<ul style="list-style-type: none"> • Continuous 12 A • 10s/hr 50 A • 1s/hr 500 A 	
Impedance	< 0.3 mΩ	
Frequency nominal	50/60 Hz	
VA Burden	<0.024 VA at 6 A	
AC control power		
Operating range	44-277 V AC, ±10% (80-277 V AC, ±10% with I/O card)	
Burden	<6 VA at 277 V AC L-N (<8 VA for PM2x30 and PM2x25C)	
Frequency	45 to 65 Hz	
Ride-through time	<ul style="list-style-type: none"> • 100 ms typical at 120 V AC and maximum burden (50 ms with Analog IO card for PM2x30) • 400 ms typical at 230 V AC and maximum burden (50 ms with Analog IO card for PM2x30) 	
DC control power		
Operating range	48-277 V DC, ±10% (100-277 V AC ±10% with I/O card)	
Burden	<2 W at 277 V DC (<3.3 W for PM2x30 and PM2x25C)	
Ride-through time	50 ms typical at 125 V DC and maximum burden	
Real time clock		
RTC with battery backup	3 years (when meter is in Power OFF condition)	
Displays update		
Instantaneous	1s	
Demand	15s	
Harmonics	5s	
Wiring configuration		
User programmable	<ul style="list-style-type: none"> • 1ph, 2w, L-N • 1ph, 2w, L-L • 1ph, 3w, L-L with N (2phase) • 3ph, 3w, Delta, Ungrounded • 3ph, 3w, Delta • 3ph, 3w, Wye • 3ph, 4w, Open Delta • 3ph, 4w, Delta • 3ph, 4w, Wye 	

³ : for 1 A CT nominal, additional error of ± 1% from 50 mA to 150 mA, ±2% for current >10 mA to <50 mA. Partial standard compliance for Class 0.5S meter type (energy test clause only).

EasyLogic™ PM2000 Series

Functions and characteristics

PM2000 series mechanical characteristics

Mechanical characteristics

Weight	~ 300 gm
IP degree of protection	IP54 front side, IP30 meter body as per IEC 60529
Material	Polycarbonate meets UL 94V-0 flammability rating
Dimensions W x H x D	96 x 96 x 54 mm maximum (depth of the meter from housing mounting flange) and 13 mm (protrusion of meter from housing flange). Meter depth with IO module is 74 mm
Mounting position	Vertical
Panel thickness	5 mm maximum

Environmental characteristics

Operating temperature	Meter -10 to +60°C (14 to 140°F)
Storage temperature	Meter -25 to +70°C (-13 to 158°F)
Humidity rating	5 to 95% RH non condensing
Pollution degree	2
Altitude	≤ 2000 m (6562 ft) Category III
Product life	Minimum 7 years

Electromagnetic compatibility (tested as per IEC 61326-1)

Electrostatic discharge	IEC 61000-4-2
Immunity to radiated field	IEC 61000-4-3
Immunity to fast transients	IEC 61000-4-4
Immunity to impulse waves	IEC 61000-4-5
Conducted immunity	IEC 61000-4-6
Immunity to magnetic fields	IEC 61000-4-8
Immunity to voltage dips	IEC 61000-4-11
Emissions	Emissions FCC Part 15 Class A/CE

Safety

Europe	CE, as per IEC 61010-1 Ed-3
US and Canada	cULus as per UL61010-1 and CAN/CSA-C22.2 No. 61010-1, for 600 V AC
Measurement Category (Voltage and Current inputs)	<ul style="list-style-type: none"> CAT III up to 480 V L-L CAT II up to 600 V L-L
Overvoltage Category (Control power)	CAT III up to 300 V L-N
Dielectric	As per IEC/UL 61010-1 Ed-3
Protective Class	II, Double insulated for user accessible parts
Green premium	EOL, REACH, PEP, RoHS complied
Other certification	RCM (Australia), EAC (Russia)

Communication

RS-485 port	<ul style="list-style-type: none"> Modbus RTU: 2-Wires, with ground & shield, 4800, 9600, 19200 or 38400 baud, Parity – Even, Odd, None, 1 stop bit if parity is Odd or Even, 2 stop bits if None DLF3000: Firmware update through communication port
Pulse Output – POP	<ul style="list-style-type: none"> Max 40 V DC, 20 mA 20 ms ON time Configurable pulse weight from 1 to 9999000 pulses/k_h (kWh, kVAh, or kVARh)
Isolation	2.5 kV RMS, double insulated
Protection features	Password protected for set-up & clearing energy and Min/Max data
Display language	English, Spanish, French, Chinese, German, Portuguese, Russian, Turkish. EN default, other languages selectable in communication variants of PM2200 series
Technical publication	Printed installation guide (IG) with the meter in multi language (EN, ES, FR, DE, PT, RU, TR, ZH) User guide soft copy format in EN, ES, FR, ZH languages

Human machine interface

Display type	LCD display: Monochrome graphical LCD of 128 x 128 mm resolution with viewable area of 67 x 62.5 mm
Keypad	PM2200 series: 4 buttons for intuitive navigation of HMI/ UI pages
CAL LED Indicator	Red colour, meter constant is configurable from 1 to 9,999,000 pulses/k_h (kWh, kVAh, or kVARh)
Comm. activity	Green LED (for indicating RS-485 interface or heart beat pulse)

PM2000 Series and Dual circuit meter

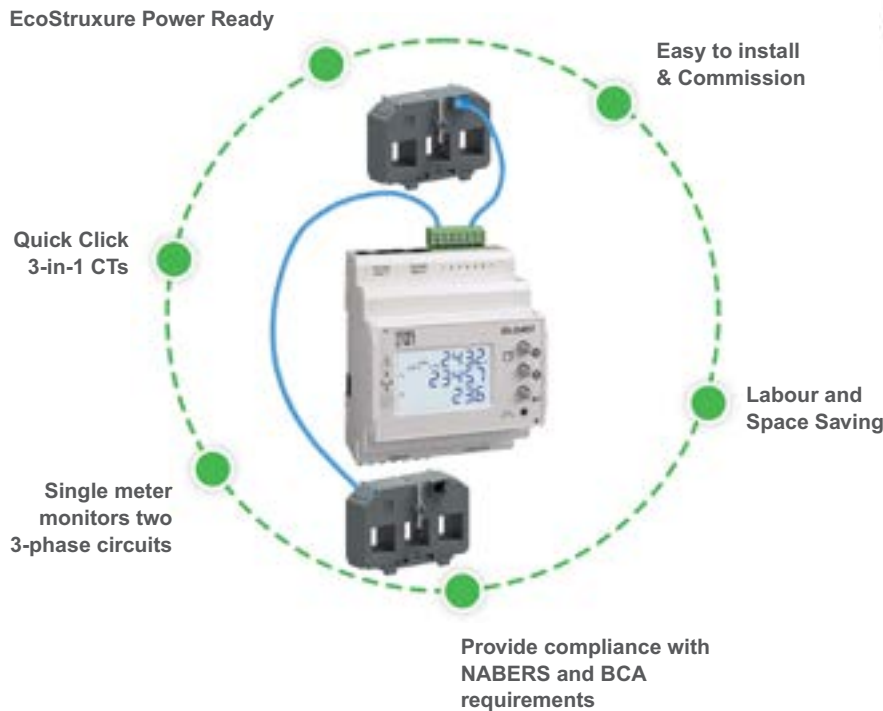


LCD Meter Range

	PM2220	PM2220R	PM2230
V, A, F pf, Demand, THD%	Y	Y	Y
4Q Power - per Ph & Total. Total Energy	Y	Y	Y
Min/max & Real-time Clock (RTC)	Y	Y	Y
RS-485	Y	Y	Y
Individual harmonics	15th	15th	31st
Data log for energy, power, and parameters	-	-	Y
DI/DO modules	-	-	-
AI/AO modules	-	-	-
Active Energy (kWh) accuracy class	1.0	1.0	0.5S
Quick Click LVCT compatibility	-	Y	-

Dual Circuit Meter

The **Dual Circuit Meter** is a single power meter that monitors two 3-phase circuits, saving space and labour. Not only is it easy to install, but it provides compliance with Energy Efficiency rating requirements, e.g., NABERS, BCA etc.



EasyLogic™ PM2000 Series

Functions and characteristics

Quick Click series power meters (PM2200R)

The **EasyLogic™** PM2200R multi-function power and energy meter with Quick Click CTs

Offering the same extensive measurement capabilities of the PM2200 meters - now with the option to significantly reduce installation time, cost, and complexity with new plug & play, 3-in-1 Quick Click CTs.

- 75% installation time savings
- Simplified (tool-less) physical installation
- Less skilled, lower cost labour required
- Minimized wiring errors and rework costs



Quick Click Offer – Application view

Plug & Play
PM22xx-equivalent
(METSEPM2220R)

+

60A-250A
35mm phase centers

250A-630A
45mm phase centers

800A-1250A
70mm phase centers

Type	B1
NSX100/160	35
NSX250	35
NSX400/630	45

Compact NSX
100A-630A

Compact NS
630A-1600A

Common 3-in-1 LVCT range for all plug & play meters

EasyLogic™ PM2000 Series

Reference Numbers

Power Meters



Dual Circuit Meter

D461 DUAL 3PH KWH MTR MODBUS	METSEEMD461R
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PM2000 Series Power Meter

EasyLogic™ VAF P & E RS485 15thHar CL 1	METSEPM2220
EasyLogic™ VAF P&E RS485 31stHar CL 0.5S	METSEPM2230
PM2220 POWER METER, RJ45 LVCT	METSEPM2220R
LVCT SOLIDC 3IN1 RJ45 35MMCTR 100A 1-3V	METSECTV35010
LVCT SOLIDC 3IN1 RJ45 35MMCTR 125A 1-3V	METSECTV35013
LVCT SOLIDC 3IN1 RJ45 35MMCTR 150A 1-3V	METSECTV35015
LVCT SOLIDC 3IN1 RJ45 35MMCTR 200A 1-3V	METSECTV35020
LVCT SOLIDC 3IN1 RJ45 35MMCTR 250A 1-3V	METSECTV35025
LVCT SOLIDC 3IN1 RJ45 45MMCTR 250A 1-3V	METSECTV45025
LVCT SOLIDC 3IN1 RJ45 70MMCTR 800A 1-3V	METSECTV70080
LVCT SOLIDC 3IN1 RJ45 70MMCTR 1000A 1-3V	METSECTV70100
LVCT SOLIDC 3IN1 RJ45 35MMCTR 60A 1-3V	METSECTV35006
LVCT SOLIDC 3IN1 RJ45 35MMCTR 160A 1-3V	METSECTV35016
LVCT SOLIDC 3IN1 RJ45 45MMCTR 400A 1-3V	METSECTV45040
LVCT SOLIDC 3IN1 RJ45 45MMCTR 630A 1-3V	METSECTV45063
LVCT SOLIDC 3IN1 RJ45 70MMCTR 1250A 1-3V	METSECTV70125



Innovation that protects:
Learn about the technical information of the EasyLogic™ PM2000 range here



Offer



Catalogue

Scan or click on QR code

EasyHarmony XA2 Series

General Overview

Plastic pushbuttons, switches and pilot lights



Control and signaling units Ø 22

Fit for purpose

All the products composing the Easy Harmony XA2 range have been designed to be used in numerous control and signaling applications:

- customers can easily select the key functions for standard applications
- their diameter, Ø 22 mm /0.866 in. makes them suitable for standard OEM and panel builder applications.
- with plastic material, they provide a solution for industrial applications demanding a high resistance to chemical agents.

Easy Harmony

- modular, plastic pushbuttons and switches with metallic-look ring,
- complete, plastic pilot lights with integral LED

Control and signaling units Ø 22

Plastic pushbuttons, switches and pilot lights

Ease and comfort of choice

The range is available in the form of complete units. It involves:

- modular, plastic pushbuttons and switches with metallic-look ring. The modular design allows flexible and simple setup for complete products: the right product can be chosen among various types of heads and 2 types of functions are proposed (contact and signaling)
- complete pilot lights, provided with integral LED.

All products are fitted with screw clamp terminals allowing fast and easy connection.



Pushbuttons and switches with metallic-look ring design

Contact functions

- Pushbuttons with spring return and push-push (marked or unmarked)
- Selector switches and key switches, 2 or 3 positions
- Emergency switching off pushbuttons with push-pull and turn to release
- Double-headed pushbuttons with spring return

Contact and signaling functions

- Illuminated pushbuttons with integral LED, spring return and flush push
- Illuminated double-headed pushbuttons with integral LED, spring return

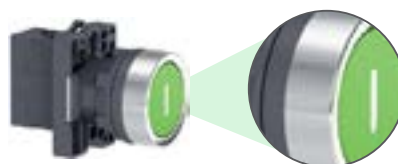
Signaling functions

- Pilot lights with integral LED
- Indicators with integral LED

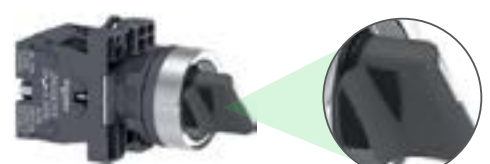


Groomed ergonomics

- Metallic-look ring on pushbuttons and switches gives a modern look
- Ergonomic curve on the selector switches allows flexible operation



Metallic-look ring



Ergonomic curve

EasyHarmony XA2 Series

General Overview

Control and signaling units Ø 22

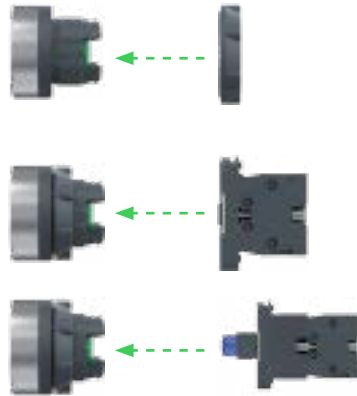
Plastic pushbuttons, switches and pilot lights

Easy installation

- Installation of pushbuttons is simple and easy
- Mounting by single nut to the control panel
- Anti-rotation plate prevents the pushbutton head from rotation

• Single lock ring for mounting on control panel

• Clip-together component system for head, body, contacts, and LED light blocks



Up to IP 65 degree of protection

Proven robustness

- Conforming to most demanding international standards and approvals
- Tested and certified performance
- Excellent resistance to mechanical shock and vibration
- Supports extended temperature range from - 40° C to + 70° C

Service and availability

- Supported by the service of Schneider Electric
- Wide availability throughout an extensive distribution network



Helps customer to improve the reliability

Control and signaling units Ø 22

Plastic pushbuttons, switches and pilot lights

Contact functions	Pushbuttons	Emergency switching off pushbuttons	Selector and key switches	Double-headed pushbuttons
				
Description of range	Pushbuttons, spring return: flush push, mushroom head, and push-push	Emergency switching off pushbuttons: turn to release and push-pull	Selector switches, 2 or 3-position: standard or long handle Key switches	Double-headed pushbuttons, spring return
Features	Products Shape of head	Complete units Circular		Rectangular
Drilling or cut-out for mounting	Ø 22 mm/0.866 in.			
Degree of protection	IP 65 conforming to standard IEC 60529		IP 54 conforming to standard IEC 60529 Selector switches: IP 65 Key switches: IP 54	IP 40 conforming to standard IEC 60529
Contact functions	Pushbuttons	Emergency switching off pushbuttons	Selector and key switches	Double-headed pushbuttons
International standards	IEC 60947-5-1, EN 60947-5-1, GB/T 14048.1-93, GB/14048.5-93			
Product certification	CCC, EAC, CE			
Cabling	Screw clamp terminal connections			
Mounting	Panel thickness	Ø 1 to 6 mm/ 0.04 to 0.24 in.		
Type references	XA2EA••/EA••••/EC••/ EH0••	XA2ET••/ES•••	XA2ED••/EJ••/EG••	XA2EA7A3415
Pages	59	60	61	59

EasyHarmony XA2 Series

Functions and characteristics

Control and signaling units Ø 22

Plastic pushbuttons, switches and pilot lights

Contact and signaling functions		Illuminated pushbuttons	Illuminated double-headed pushbuttons	Pilot lights	Indicators
					
Description of range		Illuminated pushbuttons with integral LED, spring return: flush push	Illuminated double-headed pushbuttons with integral LED, spring return	Pilot lights with integral LED	Indicators with integral LED
Features	Products	Complete units			
	Shape of head	Circular	Rectangular	Circular	
Drilling or cut-out for mounting		Ø 22 mm/0.866 in.			
Degree of protection		IP 65 conforming to standard IEC 60529	IP 40 conforming to standard IEC 60529	IP 65 conforming to standard IEC 60529	IP 54 conforming to standard IEC 60529
International standards		IEC 60947-5-1, EN 60947-5-1, GB/T 14048.1-93, GB/14048.5-93		IEC 60947-5-1, EN 60947-5-1, GB/T 14048.1-2012, GB/14048.5-2017	
Product certification		CCC, EAC, CE		CCC, CE	
Cabling		Screw clamp terminal connections			
Mounting	Panel thickness	Ø 1 to 6 mm/ 0.04 to 0.24 in.			
Type references		XA2EW3•••	XA2EW7L3741•5	XA2EV••LC/EV•E•LC/ EV•D•LC/EV••34LC	XA2EV•34•PC
Pages		62	60	63	64

Control and signaling units Ø 22

Plastic pushbuttons, switches and pilot lights

The Easy Harmony XA2 range of Ø 22/0.866 in. plastic control and signaling units combines simplicity of installation, flexibility and robustness. It meets the requirements of the majority of industrial applications. The metallic-look ring design on the pushbuttons and switches gives them a modern look. These products are available in the form of complete units.

This range includes:

- Contact functions: pushbuttons, selector/key switches, Emergency switching off pushbuttons, and double-headed pushbuttons designed for parameter settings, adjustments, and start/stop control of machines and installations
- Contact and signaling functions: illuminated pushbuttons and double-headed illuminated pushbuttons designed for control and signaling functions
- Signaling functions: pilot lights and indicators designed for visual signaling

The pushbutton, switch control (illuminated and non-illuminated), and pilot light offer is both broad and comprehensive:

- Pushbuttons, spring return with flush push, marked or unmarked, or mushroom head
- Emergency stop pushbuttons Ø 40/1.575 in., Ø 30/1.181 in., and Ø 60/2.362 in. with 2 types of head: push-pull and turn to release
- Pilot lights, indicators, and illuminated pushbuttons with integral LED
- Selector switches with different types of operator: standard handle, long handle, or key
- Choice of heads: circular and double-head
- Connection type: screw clamp connector
- Various accessories

Installation

Easy Harmony XA2 products are both simple and quick to install:

- Mounting by a single nut to the control panel,
- Body/fixing collar simply clip on the head.

Environment

The performance features of the Easy Harmony XA2 range meets the following specifications:

- Degrees of protection conforming to standard IEC 60529:
 - IP 65 for pushbuttons, Emergency switching off pushbuttons, illuminated pushbuttons, and pilot lights
 - IP 54 for key selector switch and indicators
 - P40 for double-headed pushbuttons
- International standards:
 - IEC 60947-5-1, EN 60947-5-1, GB/T 14048.1-93, GB/14048.5-93
- Product certification:
 - CCC, EAC, CE

For more technical information, please refer to the Schneider Electric website, Easy Harmony XA2 offer.

EasyHarmony XA2 Series




Functions and characteristics

Control and signaling units Ø 22

Plastic pushbuttons, switches and pilot lights: complete units

Contact functions	Pushbuttons, spring return			Pushbuttons, push-push	Double-headed push-buttons, spring return
					
Type of push	Flush push, unmarked	Flush push, marked	Mushroom head	Flush push, unmarked	Flush push
Degree of protection	IP65	IP65	IP65	IP65	IP40
Color	White, Black, Green, Yellow, Blue, and Red	Green, Black, White, Red and Blue	Black, Green and Red	Black, Green, Yellow and Red	Green and Red
Type references	XA2EA•1/EA42	XA2EA33•1/EA43•2/ XA2EA6511	XA2EC•1/EC42	XA2EH0•1/EH042	XA2EA7A3415
Pages	59	59	59	59	60





Contact functions	Emergency switching off pushbuttons	Selector switches and keyswitches		
				
Type of push	Turn to release and push-pull (Ø 30 mm/1.181 in., Ø 40 mm/1.575 in., Ø 60 mm/1.362 in.)	Standard handle, 2 or 3 positions	Long handle, 2 or 3 positions	Key, 2 or 3 positions
Degree of protection	IP65	IP65	IP65	IP54
Color	Red	Green, Black, White, Red and Blue	Black, Green and Red	Black, Green, Yellow and Red
Type references	XA2ET42/ES•42	XA2ED••	XA2EJ••	XA2EG21/EG•3
Pages	60	61	61	61

Contact and Signaling functions	Illuminated pushbuttons, spring return	Double-headed pushbuttons, spring return with pilot light block	Pilot lights	Indicators
				
Type of push	Flush push	Flush push	N/A	N/A
Degree of protection	IP65	IP40	IP65	IP54
LED	Integral LEDs 24, 220...230, or 380...400 V	Integral LEDs 24 or 220...230 V	Integral LEDs 12 V, 24 V, 30 V, 48 V, 60...63.5 V, 110 V, 220...230 V, and 380...400 V	Integral LEDs 110 V, 220...230 V, and 380...400 V
Color	White, Green, Red, Amber and Blue	Red and Green	White, Green, Red, Amber, Blue, Yellow and Bi-color (Green/Red)	Red and Green
Type references	XA2EW3•B1/3•M1/ 3•Q1	XA2EW7L3741B5 XA2EW7L3741M5	XA2EV••LC/EV•E•LC/EV•D•LC/ EV••34LC	XA2EV•34•PC
Pages	62	60	63	64



Control and signaling units Ø 22

Plastic spring return pushbuttons, marked and unmarked
Mushroom head pushbuttons, spring return



Spring return pushbuttons with flush push

	Shape of head	Type of contacts		Color of push	Marking	Reference	Weight kg/lb
		NO	NC				
 PF132002 XA2EA31		1	–	White	–	XA2EA11	0.032/0.071
		1	–	Black	–	XA2EA21	0.032/0.071
		1	–	Green	–	XA2EA31	0.032/0.071
		1	–	Yellow	–	XA2EA51	0.032/0.071
		1	–	Blue	–	XA2EA61	0.032/0.071
		1	–	Red	–	XA2EA42	0.032/0.071
 PF132010 XA2EA4342		1	–	Green	"I"	XA2EA3311	0.032/0.071
		1	–	Black	"A"	XA2EA3351	0.032/0.071
		1	–	White	"A"	XA2EA3341	0.032/0.071
		–	1	Red	"O"	XA2EA4322	0.032/0.071
		–	1	Red	"STOP"	XA2EA4342	0.032/0.071

Mushroom head pushbuttons, spring return

	Shape of head	Type of contacts		Color of push	Diameter Ø (mm)/in.	Reference	Weight kg/lb
		NO	NC				
 PF132012 XA2EC31		1	–	Black	40/1.575	XA2EC21	0.052/0.115
		1	–	Green	40/1.575	XA2EC31	0.052/0.115
		–	1	Red	40/1.575	XA2EC42	0.052/0.115

Pushbuttons, push-push with flush push

	Shape of head	Type of contacts		Color of push	Reference	Weight kg/lb
		NO	NC			
 PF132017 XA2EH021		1	–	Black	XA2EH021	0.04/0.088
		1	–	Green	XA2EH031	0.04/0.088
		–	1	Red	XA2EH042	0.04/0.088
		1	–	Yellow	XA2EH051	0.04/0.088

EasyHarmony XA2 Series

Reference Numbers

Control and signaling units Ø 22

Double-headed pushbuttons, spring return

Emergency switching off pushbuttons

Double-headed pushbuttons, spring return

XA2E_CP20011_2



XA2EA7A3415

Shape of head	Description	Type of contacts		Caps (1) Marking	Background Color	Reference	Weight kg/lb
		NO	NC				
Complete units							
	1 flush push, green	1	1	"I"	Green	XA2EA7A3415	0.048/0.106
	1 flush push, red			"O"	Red		

Double-headed pushbuttons with 1 white central pilot light block

XA2E_CP20012_2



XA2EW7L3741••

Shape of head	Description	Type of contacts		Caps (1) Marking	Background Color	Pilot light Voltage V	Reference	Weight kg/lb
		NO	NC					
Complete units								
	1 flush push, green	1	1	"I"	Green	24 z	XA2E-W7L3741B5	0.072/0.159
	1 flush push, red			"O"	Red			
	1 central pilot light block, white					220...230 ~	XA2E-W7L3741M5	0.072/0.159

Emergency switching off pushbuttons

PF132022



XA2ET42

Shape of head	Type of push	Type of contacts		Diameter Ø (mm)/in.	Reference	Weight kg/lb
		NO	NC			
	Push-pull		1	40/1.575	XA2ET42	0.088/0.194
	Turn to release		1	30/1.181	XA2ES442	0.056/0.123
			1	40/1.575	XA2ES542	0.058/0.128
			1	60/2.362	XA2ES642	0.064/0.141

Note: For information on dimensions, please refer to the Schneider Electric website, Easy Harmony XA2 offer.

(1) These caps are factory assembled and cannot be removed (risk of damage).

Reference Numbers

Control and signaling units Ø 22

Plastic selector switches, with standard or long handle Key switches

Selector switches, with standard handle or with long handle



Shape of head	Type of push	Type of contacts		Number and type of positions	Reference	Weight kg/lb	
		NO	NC				
ⓘ	Standard handle	1	–	2 - stay put	↙	XA2ED21	0.032/0.071
		1	1	2 - stay put	↙	XA2ED25	0.032/0.071
		2	–	3 - stay put	↘	XA2ED33	0.032/0.071
		2	–	3 - spring return from 2 sides	↕	XA2ED53	0.032/0.071
		1	–	2 - spring return	↙	XA2ED41	0.032/0.071
	Long handle	1	–	2 - stay put	↙	XA2EJ21	0.032/0.071
		1	1	2 - stay put	↙	XA2EJ25	0.041/0.090
		2	–	3 - stay put	↘	XA2EJ33	0.055/0.121
		2	–	3 - spring return from 2 sides	↕	XA2EJ53	0.055/0.121

Key switches



Shape of head	Type of push	Type of contacts		Number and type of positions	Reference	Weight kg/lb	
		NO	NC				
ⓘ	Key	1	–	2 - stay put, one side pull-out	↙	XA2EG21	0.064/0.141
		2	–	2 - stay put, two sides pull-out	↙↘	XA2EG43	0.078 /0.172
		2	–	2 - spring return, one side pull-out	↙	XA2EG63	0.078 /0.172
		2	–	3 - spring return from 2 sides, middle pull-out	↕	XA2EG73	0.078 /0.172
		2	–	3 - stay put, middle pull-out	↕	XA2EG33	0.078 /0.172
		2	–	3 - stay put, 3 sides pull-out	↙↘↕	XA2EG03	0.078 /0.172

Note: For information on dimensions, please refer to the Schneider Electric website, Easy Harmony XA2 offer.


EasyHarmony XA2 Series

Reference Numbers

Control and signaling units Ø 22

Plastic illuminated pushbuttons with flush push, Bulbs for illuminated pushbuttons, Contact functions for all XA2 pushbuttons and switches

Illuminated pushbuttons with integral LED




PF132051
XA2EW36B1

Shape of head	Type of push	Supply voltage V	Type of contacts		Color	Reference	Weight kg/lb
			NO	NC			
○	Flush push	24 z	1	-	White	XA2EW31B1	0.056/0.123
					Green	XA2EW33B1	0.056/0.123
					Red	XA2EW34B1	0.056/0.123
					Amber	XA2EW35B1	0.056/0.123
					Blue	XA2EW36B1	0.056/0.123
					-	1	Red
		220-230 ~	1	-	White	XA2EW31M1	0.064/0.141
					Green	XA2EW33M1	0.064/0.141
					Red	XA2EW34M1	0.064/0.141
					Amber	XA2EW35M1	0.064/0.141
					Blue	XA2EW36M1	0.064/0.141
					-	1	Red
380-400 ~	1	-	White	XA2EW31Q1	0.064/0.141		
			-	1	Red	XA2EW34Q2	0.056/0.123

Note: For information on dimensions, please refer to the Schneider Electric website, Easy Harmony XA2 offer.

Contact functions (for all XA2 pushbuttons and switches)



PF132063
ZA2EE102

Description	To be used with	Type of contacts		Sold in lots of	Reference	Weight kg/lb
		NO	NC			
Screw clamp terminal connections						
Contact blocks	All XA2 pushbuttons and switches	1	-	1	ZA2EE101	0.014/0.031
		-	1	1	ZA2EE102	0.014/0.031

Reference Numbers

Control and signaling units Ø 22

Plastic pilot lights with integral LED

Pilot lights with integral LED, screw clamp terminal connection

XA2E_OP20053_2



XA2EVB4LC

XA2E_OP20056_2




XA2EVC6LC

XA2E_OP20054_2



XA2EVE4LC

Shape of head	Supply voltage V	Color of lens	Sold in lots of	Reference	Weight kg/lb
	12 z	White	10	XA2EVJ1LC	0.019/0.041
		Green	10	XA2EVJ3LC	0.019/0.041
		Red	10	XA2EVJ4LC	0.019/0.041
		Amber	10	XA2EVJ5LC	0.019/0.041
		Blue	10	XA2EVJ6LC	0.019/0.041
		Yellow	10	XA2EVJ8LC	0.019/0.041
	24 z	White	10	XA2EVB1LC	0.019/0.041
		Green	10	XA2EVB3LC	0.019/0.041
		Red	10	XA2EVB4LC	0.019/0.041
		Amber	10	XA2EVB5LC	0.019/0.041
		Blue	10	XA2EVB6LC	0.019/0.041
		Yellow	10	XA2EVB8LC	0.019/0.041
	30 z	Green/Red	5	XA2EVB34LC	0.022/0.049
		White	10	XA2EVC1LC	0.019/0.041
		Green	10	XA2EVC3LC	0.019/0.041
		Red	10	XA2EVC4LC	0.019/0.041
		Amber	10	XA2EVC5LC	0.019/0.041
		Blue	10	XA2EVC6LC	0.019/0.041
	48 z	Yellow	10	XA2EVC8LC	0.019/0.041
		White	10	XA2EVE1LC	0.019/0.041
		Green	10	XA2EVE3LC	0.019/0.041
		Red	10	XA2EVE4LC	0.019/0.041
		Amber	10	XA2EVE5LC	0.019/0.041
		Blue	10	XA2EVE6LC	0.019/0.041
60...63.5 z	Yellow	10	XA2EVE8LC	0.019/0.041	
	White	10	XA2EVVE1LC	0.019/0.041	
	Green	10	XA2EVVE3LC	0.019/0.041	
	Red	10	XA2EVVE4LC	0.019/0.041	
	Amber	10	XA2EVVE5LC	0.019/0.041	
	Blue	10	XA2EVVE6LC	0.019/0.041	
110 z	Yellow	10	XA2EVVE8LC	0.019/0.041	
	White	10	XA2EVF1LC	0.019/0.041	
	Green	10	XA2EVF3LC	0.019/0.041	
	Red	10	XA2EVF4LC	0.019/0.041	
	Amber	10	XA2EVF5LC	0.019/0.041	
	Blue	10	XA2EVF6LC	0.019/0.041	
		Yellow	10	XA2EVF8LC	0.019/0.041

Note: For information on dimensions, please refer to the Schneider Electric website, Easy Harmony XA2 offer.

EasyHarmony XA2 Series

Reference Numbers







Control and signaling units Ø 22

Plastic pilot lights with integral LED and Indicators

Pilot lights with integral LED, screw clamp terminal connection

	Shape of head	Supply voltage V	Color of lens	Sold in lots of	Reference	Weight kg/lb	
 <p>XA2E_CP20055_2 XA2EVM5LC</p>		220 c	White	10	XA2EVM1LC	0.019/0.041	
			Green	10	XA2EVM3LC	0.019/0.041	
			Red	10	XA2EVM4LC	0.019/0.041	
			Amber	10	XA2EVM5LC	0.019/0.041	
			Blue	10	XA2EVM6LC	0.019/0.041	
			Yellow	10	XA2EVM8LC	0.019/0.041	
 <p>XA2E_CP20057_2 XA2EVQ8LC</p>		220-230 ~	White	10	XA2EVM1LC	0.019/0.041	
			Green	10	XA2EVM3LC	0.019/0.041	
			Red	10	XA2EVM4LC	0.019/0.041	
			Amber	10	XA2EVM5LC	0.019/0.041	
			Blue	10	XA2EVM8LC	0.019/0.041	
			Yellow	10	XA2EVM34LC	0.019/0.041	
			Green/Red	5	XA2EVQ1LC	0.022/0.049	
			380...400 ~	White	10	XA2EVQ3LC	0.019/0.041
				Green	10	XA2EVQ4LC	0.019/0.041
				Red	10	XA2EVQ5LC	0.019/0.041
Amber	10	XA2EVQ6LC		0.019/0.041			
Blue	10	XA2EVQ8LC		0.019/0.041			
			Yellow	10	XA2EVE8LC	0.019/0.041	

Indicators, screw clamp terminal connection

	Shape of head	Indicator type	Supply voltage V	Color of lens	Sold in lots of	Reference	Weight kg/lb
 <p>XA2E_CP20056_2 XA2EVF34SPC</p>		Isolation switch	110 ~	Green/Red	5	XA2EVF34SPC	0.027/0.058
			220...230 ~	Green/Red	5	XA2EVM34SPC	0.027/0.058
			380...400 ~	Green/Red	5	XA2EVQ34SPC	0.027/0.058
 <p>XA2E_CP20056_2 XA2EVF34BPC</p>		Circuit breaker	110 ~	Green/Red	5	XA2EVF34BPC	0.027/0.058
			220...230 ~	Green/Red	5	XA2EVM34BPC	0.027/0.058
			380...400 ~	Green/Red	5	XA2EVQ34BPC	0.027/0.058
 <p>XA2E_CP20056_2 XA2EVF34GPC</p>		Ground	110 ~	Green/Red	5	XA2EVF34GPC	0.027/0.058
			220...230 ~	Green/Red	5	XA2EVM34GPC	0.027/0.058
			380...400 ~	Green/Red	5	XA2EVQ34GPC	0.027/0.058

Note: For information on dimensions, please refer to the Schneider Electric website, Easy Harmony XA2 offer.

Control and signaling units Ø 22

Plastic empty control stations for XA2 pushbuttons, switches, and pilot lights

Empty control stations



XALB01C



XALB03C

Description	Characteristics	Dimension w x h x d mm/in.	Number of cut-outs	Reference	Weight kg/lb
Light gray "RAL 7035" cover	IP65	68 x 86 x 51/ 2.68 x 3.39 x 2	1	XALB01C	0.100/0.220
Dark gray "RAL 7016" base		68 x 104 x 51/ 2.68 x 4.1 x 2	2	XALB02C	0.150/0.330
		68 x 86 x 51/ 2.68 x 3.39 x 2	3	XALB03C	0.200/0.440

Yellow "RAL 1021" cover	IP65	68 x 86 x 51/ 2.68 x 3.39 x 2	1	XALB01YC	0.100/0.220
Dark gray "RAL 7016" base					



Innovation that protects:

Learn about the technical information of the **Easy** Harmony range here



Offer



Catalogue

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Easy UPS (1 Phase)

General Overview

Uninterruptible Power Supply (UPS)

Business continuity made **easy**



UPS SELECTOR



Easy UPS BVS

General overview

Schneider Electric Easy UPS BVS, 1 Phase, Line Interactive

This cost-effective, high quality power protection BVS UPS series (500, 800VA) is designed for the essential power protection needs even in the most inconsistent power conditions for our home and small office customers



Flexible design for both high and low powered devices

- Capable of powering low power devices such as your modem, router, or VOIP as well as high power devices such as PCs, and gaming consoles.

Stay connected for hours, not minutes

- Power your home router and/or modem allowing you to maintain your internet connection after safely shutting down your PC or other high-power devices.

Intelligent off-mode charging

- Continues to charge the battery even when the UPS is off.

Cold start function

- Allows you to reboot the UPS even when there is no utility power available.

Reliable surge protection

- Protects your valuable electronic devices against damaging lightning, surges and spikes.

Wall mounting sockets

- Keyhole sockets for mounting the UPS in structured wiring closets, behind desks, in basements, and garages.

Outlets

- Australian plugs
- Wide outlet spacing allows you to connect bulky transformers without blocking other outlets.

Automatic Voltage Regulation (AVR)

- Corrects voltage dips and surges to safe levels which is especially important for regions with poor power. This also saves battery life by correcting sustained voltage fluctuations without losing battery power.

Compact Size

- Accommodates installation in a variety of environments.

Easy to use

- One step battery connector.

Battery self diagnosis

- Alerts users with the appropriate alarm for battery conditions.

2-Year warranty and always on customer service

- Customer service is always there when you need it via phone support, online forums, and live chats with support agents.

Easy UPS BVS

Functions and characteristics

Schneider Electric Easy UPS BVS, 1 Phase, Line Interactive


Model		BVS500	BVS800
Input	Input Voltage Range	170-280 (V)	
	AC Input Circuit Breaker	5 A	7 A
	AC Input Fuse	5 A	10 A
	Cord Length	1.5 (m)	
	Input Connection	Schuko/ IEC/ Universal	
Output	Power Capacity	300 W / 500 VA	450 W / 800 VA
	Output Voltage on Battery	230VAC +/- 10%	
	Output Frequency Range (sync mode)	50 Hz or 60 Hz +/- 1 Hz	
	Topology and output waveform	Line interactive	
	Output Connections	(4) Schuko/ Universal battery backup outlets (6) IEC battery backup outlets	
Battery	Battery Type	12 V / 4.5 AH x 1	
	Typical Recharge Time	6 – 8 hours	
Runtime Estimates	120 W Runtime (min)	5	15
	180 W Runtime (min)	3	9
	240 W Runtime (min)	0.5	2.5
Physical & Warranty	Dimension, D X W X H (cm)	9.25 x 16.05 x 30.5	
	Net Weight (kgs)	3.9	5.3
	Warranty	2 years	

Reference Numbers




1 Phase, Line Interactive	
Easy UPS 1Ph BVS 500 VA AVR 230 V	BVS500I-AZ
Easy UPS 1Ph BVS 800 VA AVR 230 V	BVS800I-AZ

Innovation that protects:
Learn about the technical information of the **Easy UPS** BVS range here



Offer



Catalogue

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Easy Back UPS BX Series

General overview

APC™ Easy Back UPS BX, 1 Phase, Line Interactive

This cost-effective, high quality power protection BX UPS series (750-1600VA) with premium features is designed for the essential power protection needs even in the most inconsistent power conditions for home and home office environments. The high-power capacity models allow for more home devices to be simultaneously connected longer.



Form Factor

- Compact for office and business spaces (BX-750MI-AZ: 160 x 120 x 355 mm).

Outlets

- Australian plugs 3-4 battery backup with surge protection outlets

Functional Ease-of-use

- Front panel LED green lights to easily tell the functional status.

1GB Network Protection

- Safeguards your equipment and valuable files from “back door” surges traveling along data lines without sacrificing internet speed.

Automatic Voltage Regulation (AVR)

- Instantly corrects incoming utility power without utilising the battery, saving the battery for when it is needed most.

Audible Alarms

- Provides notification of changing utility power and UPS power conditions.

LED Indicators

- Side panel lights signify functional status (low battery, on battery)

PowerChute Personal Edition

- Ease-of-use auto-shutdown software with power and energy management features. USB communication for remote management configuration.



Easy Back UPS BX Series

General overview

Advanced Power Protection

The series comprehensive **VA range** with premium features further enables single UPS capabilities

The APC™ Easy Back UPS BX offers guaranteed power and surge protection for wireless networks, computers, gaming consoles and other electronics in your home or business. Models supply battery backup during outages and unsafe voltage fluctuations, as well as provide protection from damaging surges and spikes.



Ideal Power Protection for the following environments and devices:



Home Office

Work from home & remote learning devices

- Modem / Router
- PC Desktop Computer
- PC Monitor
- Network-attached Storage



Home Entertainment

Living room essentials

- Modem / Router
- TV Box
- Television
- Music Speaker



Smart Home

IoT electronics

- Modem / Router
- Smart Speaker
- Home Security / Surveillance Camera

Functions and characteristics

APC™ Easy Back UPS BX, 1 Phase, Line Interactive

Model		BX750MI-AZ	BX950MI-AZ	BX1200MI-AZ	BX1600MI-AZ
Input	Nominal Input Voltage	230 V			
	Input Connection	Australia AS/NZS 3112			
	Input Cord	1.2 m			
	Input Frequency (Hz)	50/60 +/-5Hz			
	USB Charging	No			
Output	Power Rating	750VA / 410W	950VA / 520W	1200VA / 650W	1600VA / 900W
	Nominal Output Voltage	230 V			
	Output Voltage (On Battery)	230+/-10%@ 100% load			
	Output Frequency (Hz)	50/60HZ +/-0.5Hz			
	Topology	Line interactive			
	Waveform Type	Stepped approximation to a sinewave			
	Output Connections (Battery Backup)	3 Australian Outlets	4 Australian Outlets		
Battery & Runtime	Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte :			
	Typical Backup Time at ½ Load (min)	8.5	6.5	5	6.5
	Typical Backup Time at Full Load	1 min			
	Typical Recharge Time (hours)	6	6-8	8	
Communications & Management	LED Indicators	Visual LED indicators			
	Data Line Protection	RJ 45 Gigabit			
	Interface Ports	273			
	Software	PowerChute Personal Edition			
Physical	Dimension, D X W X H (cm)	160 x 120 x 355		190 x 140 x 390	
	Net Weight (kgs)	5.4	6.1	7.6	10.3
Environment	Operating Environment	0 - 40 °C			
	Operating Relative Humidity	0 - 95 %			
	Operating Elevation	0-3000 meters			
	Storage Temperature	15 - 40 °C			
	Storage Relative Humidity	0 - 95 %			
Conformance	Regulatory Approvals	CB Meet EN62040-1 / CE / IEC-62040-1 / IEC-62040-2			
	Warranty	2 years			
	RoHS Compliant	Yes			


Easy Back UPS BX Series

Reference Numbers


APC™ Easy Back UPS BX




1 Phase, Line Interactive	
APC Back-UPS 750VA, 230V, AVR, Australian Sockets	BX750MI-AZ
APC Back-UPS 950VA, 230V, AVR, Australian Sockets	BX950MI-AZ
APC Back-UPS 1200VA, 230V, AVR, Australian Sockets	BX1200MI-AZ
APC Back-UPS 1600VA, 230V, AVR, Australian Sockets	BX1600MI-AZ



Innovation that protects:
 Learn about the technical information of the APC™ Easy UPS BX range here



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Easy UPS SMV Series

General overview

APC™ Easy UPS SMV, 1 Phase, Line Interactive

This cost-effective, high quality power protection SMV UPS series (750-3000VA) is designed for the essential power protection needs even in the most unstable power conditions for IT professionals in small to medium businesses.

It is a versatile UPS is developed to handle a wide voltage range, and inconsistent power conditions with pure sinewave output on battery backup power.



Power Factor

- More real output power with 0.7Pf

Pure Sinewave

- A pure form of sinewave designed to emulate utility power, will support your device upon battery backup

Battery Connector

- A convenient way to disconnect the battery for transport

Rugged Metal Construction

- Easy UPS SMV is built with resilient sheet metal that rigidly holds and protects critical electrical components

Dry contact port and intelligent slot

- Provides dry contact signals for remote UPS monitoring. Intelligent Slot also available to add a management card (sold separately) to enable remote UPS monitoring

LCD Display

- Intuitive interface provides detailed and accurate information at a glance

Generous number of outlets

- 6 IEC battery backup and surge protected outlets are included across all SMV Easy UPS

Communication Ports

- USB and serial ports for UPS management

Easy to use

- One step battery connector

Safety agency approved

- Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment

Easy UPS SMV Series

Functions and characteristics

APC™ Easy UPS SMV, 1 Phase, Line Interactive

Model		SMV750CAI	SMV1000CAI	SMV1500CAI	SMV2000CAI	SMV3000CAI
Input	Input Voltage Options	220, 230, 240 VAC				
	Nominal Input voltage	230 VAC				
	Input frequency	50/60 Hz (auto sensing)				
	Input Voltage Range	165-290 VAC ± 5 VAC				
	Input Connection	IEC C14				IEC C20
Output	Output Power Capacity	525 W / 750 VA	SMV1000CAI	1050 W / 1500 VA	1400 W / 2000 VA	2100 W / 3000 VA
	Nominal output voltage	230 VAC				
	Output Frequency (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz				
	Topology	Line Interactive				
	Output Waveform	Sinewave				
	Transfer Time	2 – 6ms typical				
	Output Connections	(6) IEC C13				
Battery	Battery Type	Maintenance-free sealed lead-acid battery				
	Typical Recharge Time	4-6 hours recover to 90% capacity				
	Runtime at Full Load	> 2mins 30secs				
	Battery Connector	Yes				
Communications & Management	USB Port	Supports Windows® Windows 7 / Server 2012 / 10 / Server 2016				
	RS-232	Yes				
	Dry Contact	Yes				
	Intelligent Slot	Yes				
	LCD Display	AC Mode, AVR Mode, Battery Mode, Battery Level, Load Level, Input Voltage, Output Voltage, System Error, Battery Malfunction				
Physical	Dimension, D X W X H (cm)	410 x 160 x 220			455 x 180 x 240	
	Net Weight (kgs)	13.6	17.8	23.5	25.2	
Conformance	Regulatory Approvals	CE				
	Warranty	2 years				

Reference Numbers

APC™ Easy UPS SMV



1 Phase, Line Interactive	
APC Easy UPS Line-interactive SMV 750VA 230V	SMV750CAI
APC Easy UPS Line-interactive SMV 1000VA 230V	SMV1000CAI
APC Easy UPS Line-interactive SMV 1500VA 230V	SMV1500CAI
APC Easy UPS Line-interactive SMV 2000VA 230V	SMV2000CAI
APC Easy UPS Line-interactive SMV 3000VA 230V	SMV3000CAI



Innovation that protects:
Learn about the technical
information of the APC™
Easy UPS SMV range here



Offer



Brochure



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Easy UPS SRV / SRVS Series

General overview

APC™ Easy UPS SRV, 1 Phase, On-Line Schneider Electric Easy UPS SRVS, 1 Phase, On-Line

For IT professionals in small to medium businesses, **Easy UPS Online** provides basic power protection in unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

APC Easy UPS Online is a versatile, high quality, cost competitive UPS developed to handle a wide voltage range and inconsistent power conditions, delivering the quality millions of IT professionals around the world trust.



High Efficiency

- Up to 94% efficiency in line mode and 91% in battery mode – 6&10kVA.

ECO Mode / Green Mode

- This is an energy saving mode and the input voltage regulation range can be set/ modified through the LCD display.

High Power Factor

- More real output power in watts 0.8 PF. Unity Power Factor for 6 & 10kVA.

True Double Conversion

- Provides tight voltage and frequency regulation and zero transfer time for reactive loads (machinery, lab equipment, etc.)

Input Power Factor Correction

- 0.95 under normal input & full load)
- Minimises installation costs by enabling the use of smaller generators and cabling.

Connections

- USB RJ45 Port – Provides management of the UPS via USB communication
- Serial RS232 Port – Provides management of the UPS via serial communication
- Optional Network Management - SNMP

Generator Compatible

- Ensures clean, uninterrupted power to the loads in the event of an extended power outage

Intelligent Battery Management

- Maximises battery performance, life, and reliability through intelligent precision temperature compensated charging.

Environmentally Robust

- Conformal coated

OVCD (Overvoltage Cut-off Device) protection

- Under special application with high voltage condition, OVCD protection will prevent the damage of UPS components and extend the life of the UPS

Wide input voltage range

- 60% Load: 110-300VAC
- Allow for unstable power environment

Selected Models: High & Scalable Runtime

- Ability to add up to 5 BP including the UPS battery packs to fulfilling the needs in long run time applications

General overview

Easy UPS SRV / SRVS Series

That's **Certainty** in a Connected World

Tower & Rack Models (standard & extended runtime)

- Available in 1, 2, 3, 6, 10 KVA



Extended Runtime Models Available

- Add external battery packs to scale runtime from minutes to hours, fulfilling the needs of long runtime applications

Excellent Power Quality and Performance

- True Double Conversion provides tight voltage, frequency regulation and zero transfer time for reactive loads

Flash Upgradeable Firmware

- Allows for field updates of firmware via communication ports.

LCD / LED Display

- Intuitive interface provides detailed and accurate information about UPS status with ability to configure locally

Built-in Automatic Bypass

- Ensures seamless power to the load even in the event of catastrophic UPS failure

Emergency Power Off (EPO)

- Immediately remove power to all connected equipment in the event of emergency (applicable to standard & extended runtime 6 & 10 kVA models)

Safety Agency Approved

- Tested and approved to work with the connected service provider equipment and within the specified environment

Power Conditioning

- Protects connected loads from surges, spikes, lightning and other power disturbances



Easy UPS SRV Series













Functions and characteristics



LCD Display

- 1** On/Off Status LED: Indicates power is ON
- 2** On/Off Button: Press to turn UPS On or OFF
- 3** Alert LED: Flashes red when UPS has a notification or is steady state when there is a fault
- 4** Mute/ESC button: Mutes alarm and serves as the Escape key when in the sub menus of the display
- 5** Enter Key: Press to enter the display menus and choose an option within the menu
- 6** Up/Down Arrows: Navigate keys through the display menus

LCD Display Icons

-  UPS is on utility power
-  UPS is on battery
-  UPS is in bypass mode
-  Replace battery
-  An internal fault is detected
-  Overload: Connected load is drawing more than the power rating
-  Battery charge
-  Load level
-  Mute: audible alarm disabled
-  Event: Illuminated when the user is reviewing the event log
-  Alert: UPS has detected error. Please see user's manual for details
-  ECO mode: Illuminated when the unit provides utility power and power is within configured ranges

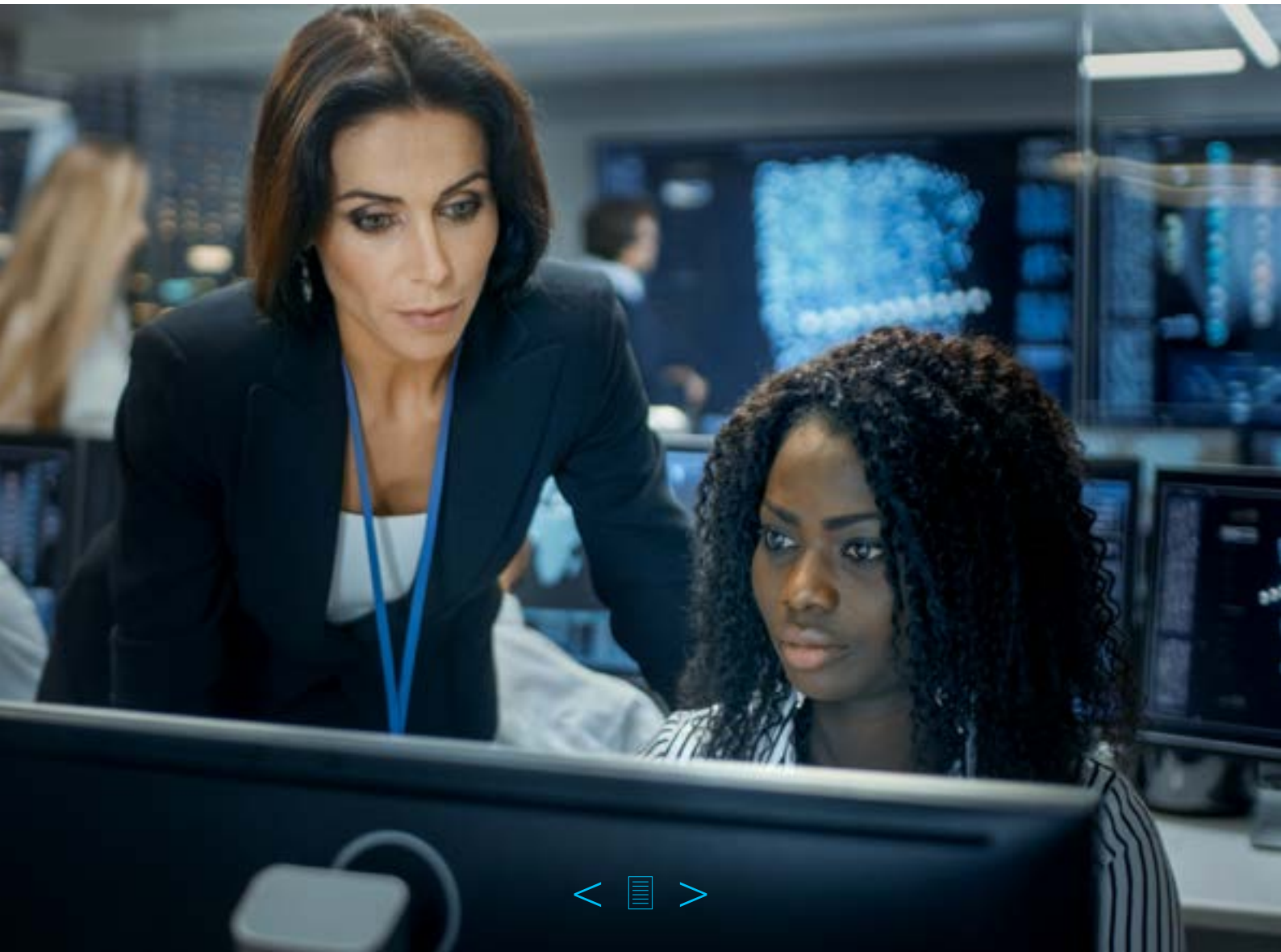
Easy UPS Remote Management Solution

Enable **monitoring and control** with an additional purchase

- Provides SNMP MIB to monitor and control your UPS
- Auto-senses 10M/100M/1000M Fast Ethernet Manage and configure via Web Browser or NMS
- Supports TCP/IP, UDP, SNMP, HTTPS, SMTP, FTPS Protocols
- Supports SSL/TLS, Encryptions
- Provides easy setup and upgrade tools via Easy UPS LI SNMP Manager software
- Sends SNMP TRAP; e-mail for events notification
- E-mails daily UPS history report
- Performs graceful shutdown via Easy UPS Line Interactive Shutdown software



APV9602



Easy UPS SRV Series

Functions and characteristics

Easy UPS Online Accessories

Additional solution enhancement options

Dry Contact Card (VGL9901I)

The UPS management accessory provides two dry contact inputs and one relay output interface to Easy UPS SRV series.

Ideal applications:

- IBM server, personal PC and workstation equipment
- Auto-controlled industrial equipment and communication applications



UPS Dry Contact Card
VGL9901I

SNMP Card (APV9601)

SNMP Card provides direct communication with your APC Easy UPS and monitors the following:

- UPS status: load, battery charge, voltage
- Battery status: healthy, capacity & runtime
- Shutdown Wizard: remotely shuts down and reboots server



UPS Network Management Card: APV9601

Rail Kits (SRVRK1, SRVRK2)

APC Easy UPS Rail Kit provides simple rack mount installation, allowing for easy UPS maintenance while minimizing space needed.

SRVKR1:

- Rail Kit for UPS / Battery Pack (700mm)

SRVKR2:

- Rail Kit for Battery Pack (900mm)



SRVKR1

Easy UPS 1 Ph Online Standard Models (Tower)

Model		SRV1KIL	SRV2KIL	SRV3KIL	SRV10KIL	
Input	Nominal Input Voltage	230 VAC				
	Input Connection	IEC C14		IEC C20	Terminal Block	
	Input Frequency (V)	50/60 Hz				
	Input Voltage Range (60% Load)	110 VAC – 285 VAC			110 VAC – 300 VAC ± 3%	
	Input Power Factor (100% Load)	≥ 0.95			≥ 0.99	
Output	Topology	Online				
	Output Power Capacity (Watts)	800 W	1600 W	2400 W	10000 W	
	Output Power Capacity (VA)	1000 VA	2000 VA	3000 VA	10000 VA	
	Output Voltage	220/230/240 VAC				
	Frequency (Battery Mode)	50/60Hz +/- 0.5%			50/60Hz +/- 0.1 Hz	
	Waveform Type	Pure Sinewave				
	Output Voltage Regulation	± 1%				
	Transfer Time (AC to DC)	Zero				
	Total Output Connections	IEC C13*3	IEC C13*4	IEC C13*6 + IEC C19*1	Terminal Block	
	Efficiency (AC Mode)	88%			94%	
	Current Crest Ratio	3:1				
External Battery Pack	Charging Current	4A			1 to 4 A (adjustable)	
	Battery Type	Maintenance-free sealed Lead-Acid battery				
	Part Number	SRV36BP-9A	SRV72BP-9A	SRV72BP-9A	SRV240BP-9A	
Physical	Dimension, D X W X H (cm)	Power Module	288 x 145 x 223	400 x 145 x 238	400 x 145 x 238	447x 190 x 336
		Battery Pack	400 x 145 x 238	425 x 190 x 336	425 x 190 x 336	485 x 190 x 368
	Weight (kgs)	Power Module	4.4	7.1	7.8	16.5
		Battery Pack	19.6	38	38	60
Features	LED	■				
	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
	EPO	-			■	
	USB Communication Port	■				
	DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8/10				
	Input Breaker	■				
	Battery User Disconnecter	■				
	Manual Maintenance Bypass	-			■	
	ECO Mode	■				
Protection	Surge Energy Rating (Joules)	600 J				
Environment	Humidity	0 to 95% relative humidity, noncondensing				
	Temperature	0° to 40°C at rated load				
	Noise Level	Less than 50dBA			Less than 58dB	
Conformance	Regulatory Approvals	CE				
	Warranty	2 years				

Easy UPS SRV/SRVS Series

Functions and characteristics

Easy UPS 1 Ph Online Standard Models (Rack Mount)


Model		SRV1KRI(RK)	SRV2KRI(RK)	SRV3KRI(RK)	SRV6KRI(RK)
Input	Nominal Input Voltage	230 VAC			
	Input Connection	IEC C14		IEC C20	Terminal Block
	Input Frequency	50/60 Hz			
	Input Voltage Range (60% Load)	110 VAC – 285 VAC			110 VAC – 300 VAC ± 3%
	Input Power Factor (100% Load)	≥ 0.95			≥ 0.99
Output	Topology	Online			
	Output Power Capacity (Watts)	800 W	1600 W	2400 W	6000 W
	Output Power Capacity (VA)	1000 VA	2000 VA	3000 VA	6000 VA
	Output Voltage	220/230/240 VAC			
	Frequency (Battery Mode)	50/60Hz +/- 0.5%			50/60Hz +/- 0.1 Hz
	Waveform Type	Pure Sinewave			
	Output Voltage Regulation	± 1%			
	Transfer Time (AC to DC)	Zero			
	Total Output Connections	IEC 3*C13	IEC 4*C13	IEC 6*C13+1*C19	Terminal Block
	Efficiency (AC Mode)	88%			94%
Current Crest Ratio	3:1				
Battery	Battery Type	Maintenance-free sealed Lead-Acid battery			
	Typical Recharge Time	4 hours recover to 90% capacity			3 hours recover to 90% capacity
Runtime Estimates	Half Load (min)	11	12	13	12.2
	Full Load (min)	4			
Physical	Dimension, D X W X H (cm)	312 x 438 x 86 (2U)	462 x 438 x 86 (2U)	632 x 438 x 86 (2U)	UPS: 612 x 438 x 88 (2U) BATT: 710 x 438 x 88 (2U)
	Weight (kgs)	11	18.2	27.6	UPS: 14 BATT: 46
Features	LED	■			
	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators			
	EPO	-			■
	USB Communication Port	■			
	DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8/10			
	Input Breaker	■			
	Battery User Disconnecter	■			
	ECO Mode	■			
Protection	Surge Energy Rating (Joules)	600 J			
Environment	Humidity	0 to 95% relative humidity, noncondensing			
	Temperature	0° to 40°C at rated load			
	Noise Level	Less than 50dBA			Less than 55dB
Conformance	Regulatory Approvals	CE			
	Warranty	2 years			

Reference Numbers


APC™ Easy UPS SRV Series




1 Phase, On-Line	
APC Easy UPS On-Line SRV 1000VA 230V	SRV1KI
APC Easy UPS On-Line SRV 2000VA 230V	SRV2KI
APC Easy UPS On-Line SRV 3000VA 230V	SRV3KI
APC Easy UPS On-Line SRV 1000VA 230V with Extended Runtime Battery Pack	SRV1KIL
APC Easy UPS On-Line SRV 2000VA 230V with Extended Runtime Battery Pack	SRV2KIL
APC Easy UPS On-Line SRV 3000VA 230V with Extended Runtime Battery Pack	SRV3KIL
APC Easy UPS On-Line SRV 10000VA 230V with Extended Runtime Battery Pack	SRV10KIL
APC Easy UPS On-Line SRV 2000VA RM 230V	SRV2KRI
APC Easy UPS On-Line SRV 3000VA RM 230V	SRV3KRI
APC Easy UPS On-Line SRV 6000VA RM 230V	SRV6KRI
APC Easy UPS On-Line SRV 6000VA RM 230V with Extended Runtime Battery Pack	SRV6KRIL
APC Easy UPS On-Line SRV 1000VA RM 230V with Rail Kit	SRV1KRIRK
APC Easy UPS On-Line SRV 2000VA RM 230V with Rail Kit	SRV2KRIRK
APC Easy UPS On-Line SRV 3000VA RM 230V with Rail Kit	SRV3KRIRK
APC Easy UPS On-Line SRV 6000VA RM 230V with Rail Kit	SRV6KRIRK
APC Easy UPS On-Line SRV 1000VA RM 230V with Extended Runtime Battery Pack, Rail Kit	SRV1KRILRK
APC Easy UPS On-Line SRV 2000VA RM 230V with Extended Runtime Battery Pack, Rail Kit	SRV2KRILRK
APC Easy UPS On-Line SRV 3000VA RM 230V with Extended Runtime Battery Pack, Rail Kit	SRV3KRILRK
APC Easy UPS On-Line SRV 6000VA RM 230V with Extended Runtime Battery Pack, Rail Kit	SRV6KRILRK
APC Easy UPS On-Line SRV 10000VA RM 230V with Extended Runtime Battery Pack, Rail Kit	SRV10KRILRK
APC Easy UPS On-Line SRV 36V RM Battery Pack for 1 kVA Extended Runtime Model	SRV36RLBP-9A
APC Easy UPS On-Line SRV 72V RM Battery Pack for 2/3 kVA Extended Runtime Model	SRV72RLBP-9A
APC Easy UPS On-Line SRV 240V RM Battery Pack for 6/10kVA Extended Runtime Model	SRV240RLBP-9A
APC Easy UPS On-Line SRV 19" Rail Kit 700mm Depth	SRVRK1
APC Easy UPS On-Line SRV 19" Rail Kit 900mm Depth	SRVRK2




Innovation that protects: Learn about the technical information of the **Easy UPS SRV** range here



Offer



Brochure




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Schneider Electric Easy UPS SRVS Series




1 Phase, On-Line	
Easy UPS On-Line SRVS 1000VA 230V, Australia	SRVS1KI-AZ
Easy UPS On-Line SRVS 3000VA 230V, Australia	SRVS3KI-AZ




Innovation that protects: Learn about the technical information of the **Easy UPS SRVS** series here



Offer



Brochure



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Easy Rack Series

General overview

Introducing APC™ Easy Rack Series



A reliable, affordable, and easy to use series of racks and accessories from a trusted brand

The APC™ Easy Rack Series are easy to choose, install and accessorize and are available in a variety of sizes that allows scalability for IT deployments from network closets to data centres.

Reliable:

- APC quality and reliability
- Industry standards adherence and UL Listed
- Standard 5-year factory warranty

Fast Deployment:

- Fully assembled
- Key features for fast deployment
- APC solution compatibility

Standardisation

- Several heights, widths, depths for any IT deployment
- Standardize on a single platform from edge to data centre
- Base building block of data centre and micro data centre solutions

Typical applications

- Cloud and Service Providers/ Colocation
- Small, medium, large data centre
- Enterprise Edge Computing

General overview

APC™ Easy Rack Series

From network closets to data centre...

Easy Rack for data centre

As the main carrier of IT equipment, the rack is the cornerstone of the data centre, based on the current IT market server and network application trends Easy Rack offers a wide variety of IT rack designs suitable for any IT application server, network, storage, and converged IT.

Easy Rack at the Edge

APC Easy Rack provide a variety of configurations to meet the high security, cost-effective, and rapid deployment requirements of edge systems. 24U and 800mm deep form factors make these racks suitable for smaller spaces often out at the edge of networks.



Easy Rack Series

Functions and characteristics

Easy Rack Key Features

Half height side panels:

- Easy to use and handle
- Lockable top side panels
- Tool-free installation



Multi-functional roof:

- Roof openings with brush strips for managing cabling and proper airflow management
- Compatible with APC overhead cable management system of troughs and partitions



Rear accessory brackets:

- 4 accessory brackets pre-installed to support toolless installation of full cabinet height vertical Rack PDUs
- Add additional brackets to support toolless installation of half height PDUs and cable managers or replace completely with accessory channels

Integrated electrical grounding:

- Grounding connections on doors
- Roof, side panels, doors are grounded to the frame of the enclosure
- Additional external grounding locations front / rear

Ventilated front/rear doors:

- Single open vented front door and split rear doors
- Up to 81% perforation
- Hexagonal pattern

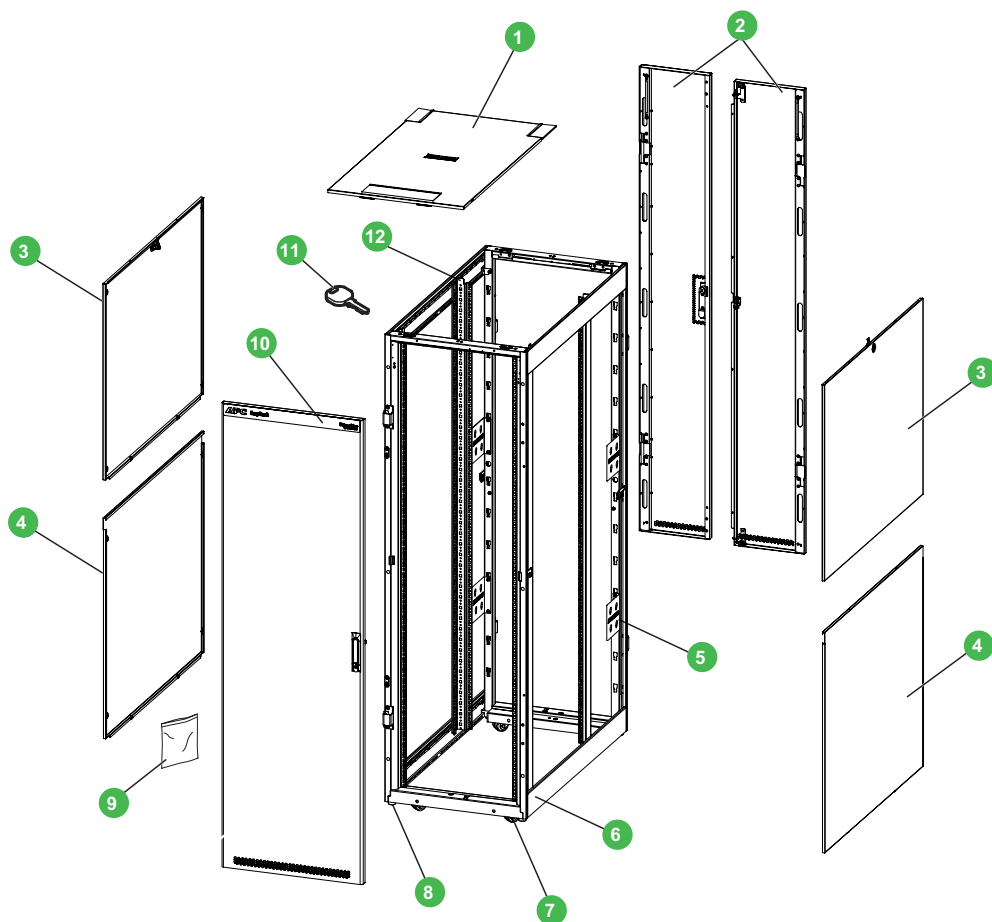
Additional features:

- Industry proven frame design
- Supports racks with or without side panels
- Static load rating: 1200kg
- Dynamic load rating: 600kg
- Tool-free installation of Rack PDUs
- 24, 42, and 48U designs
- 600, 800mm widths and 800, 1000, 1100, 1200mm Depths
- Flatpack unassembled option available for deployment in spaces a full assembled rack cannot be transported to

800mm Racks Feature:

- Up to 16 x 1U vertical knockout panels located within the front and rear equipment mounting rails (12 in 42U)
- Vertically mount patch panels or 1U devices and save horizontal mounting space for other IT devices
- Adds another 16U to an enclosure solution

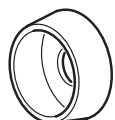
Easy Rack Components



Rack Components:

- 1 Roof
- 2 Rear doors
- 3 Removable top side panel (locking)
- 4 Removable bottom side panel
- 5 Zero U accessory mounting brackets
- 6 Cabinet frame
- 7 Casters
- 8 Levelling feet
- 9 Removable and reversible front door
- 10 Hardware bag
- 11 Key
- 12 Vertical Mounting Flange

Hardware:



Plastic cup washers M6 (50)



Cage nuts (50)



M5 x 12 Phillips screws (4)



M6 x 16 Phillips screws (50)

Tools provided:



Torx T30/ #2 Phillips tool (1)



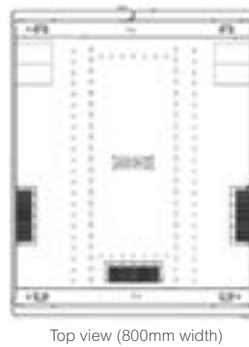
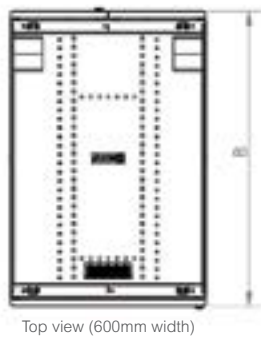
Cage nut tool (1)

Easy Rack Series

Reference Numbers

Easy Rack Selection

- 19" 42U/48U vented front and rear doors
- 1200mm/1100mm Depth
- Black



ER6222 Front



ER6222 Rear

Ordering Information

Reference	U space	Width A(mm)	Depth B(mm)	Height C(mm)	Height D(mm)	Net weight(kg)	Shipping dimensions	Packaged weight (kg)	Option without sides
ER6222	42U	600	1200	1955	1991	108	650 x 1250 x 2120	116	ER6220
ER6212	42U	600	1100	1955	1991	105	650 x 1150 x 2120	112	
ER8222	42U	800	1200	1955	1991	135	850 x 1250 x 2120	144	ER8220
ER8212	42U	800	1100	1955	1991	131	850 x 1150 x 2120	140	
ER6822	48U	600	1200	2222	2258	122	650 x 1250 x 2390	130	ER6820
ER8822	48U	800	1200	2222	2258	150	850 x 1250 x 2390	159	ER8820

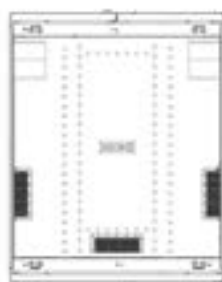
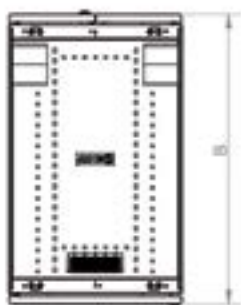
Reference Numbers

Easy Rack Selection

- 19" 42U/48U vented front and rear doors
- 1000mm Depth
- Black



ER8802 Front



ER8802 Rear

Ordering Information

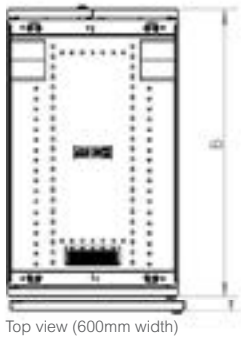
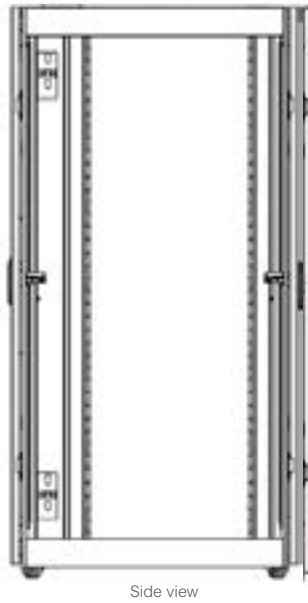
Reference	U space	Width A(mm)	Depth B(mm)	Height C(mm)	Height D(mm)	Net weight(kg)	Shipping dimensions	Packaged weight (kg)	Option without sides
ER6202	42U	600	1000	1955	1991	100	650 x 1050 x 2120	106	ER6200
ER8202	42U	800	1000	1955	1991	128	850 x 1050 x 2120	137	ER8200
ER6802	48U	600	1000	2222	2258	113	650 x 1050 x 2390	120	ER6800
ER8802	48U	800	1000	2222	2258	140	850 x 1050 x 2390	149	ER8800

Easy Rack Series

Reference Numbers

Easy Rack Selection

- 19" 42U/48U vented front and rear doors
- 1200mm / 1000mm / 800mm Depth
- Black



ER8282 Front



ER8282 Rear

Ordering Information

Reference	U space	Width A(mm)	Depth B(mm)	Height C(mm)	Height D(mm)	Net weight(kg)	Shipping dimensions	Packaged weight (kg)
ER8282	42U	800	800	1955	1991	120	850 x 850 x 2120	128

Reference Numbers

Easy Rack Accessories

- Accessory channels replace the standard pre-installed brackets and provide versatility and additional toolless mounting for vertical PDUs or accessories - 24, 42, and 48U - 2 pieces
- PDU mounting brackets supplement the pre-installed brackets and allow for half rack height PDU and cable management options to be toollessly installed
- Vertical cable managers for managing and securing cabling



For a complete list of compatible accessories view the full compatibility chart on apc.com

Accessory installation and management

0U Accessory Channels, 24U	ER7RCC24
0U Accessory Channels, 42U	ER7RCC42
0U Accessory Channels, 48U	ER7RCC48
PDU mounting bracket, dual	ER7PDUBRKT*
PDU mounting bracket, single	ER7PDUBRKTs**

Shelving

Adjustable shelf, 50KG	ER7SHELF*
Adjustable shelf, short depth, 50KG	ER7SHELFS**

Cable management

Vertical Cable Manager, 42U for 800mm W racks	ER7VCM42**
Vertical Cable Manager, 48U for 800mm W racks	ER7VCM48**
Horizontal Cable Manager, 1U	ER7HCM
Cable Manager in Depth, 1U	ER7DCM


Airflow management

1U metal blanking panel, 10 pieces	ER7BP1U
2U metal blanking panel, 10 pieces	ER7BP2U


* Compatible with 1100mm / 1200mm depth racks

**Compatible with 800mm / 1000mm depth racks

Innovation that protects:
Learn about the technical information of the APC™ Easy Rack series here



Offer



Support

Scan or click on QR code

APC™ Easy Rack PDUs

General Overview

APC™ Easy Rack PDUs



Make Power Distribution Easy

The **APC™ Easy Rack PDU** is an easy-to-install, easy-to-use rack mount PDU which provides reliable power distribution to the equipment in the rack and with functionality of monitoring and control.

Easy for installation:

- Ultra-light weight thanks to aluminum housing
- Support both toolless mounting and bracket mounting
- Built-in input cord with Industrial connector for vertical PDU
- Low-profile in depth, more convenience for equipment installation

Easy for operation and maintenance:

- User-friendly and simple Web interface and LCD screen
- Support network port , easy for data communication
- Field-replaceable control module, easy for maintenance

Easy Basic Rack PDUs

- Reliable power distribution

Easy Metered Rack PDUs

- Real-time remote monitoring of connected leads
- User-defined alarms warn IT and data center managers of potential circuit overloads to prevent accidental power loss to critical equipment

Easy Switched Rack PDUs

- Metered functionality
- Switch on/off the connected power load remotely

Typical applications

- Small and medium data centers and computer rooms
- Manufacturing facilities
- Telecommunication
- Commercial buildings
- Healthcare
- Transportation

Product feature by series

	Basic	Metered	Switched
Design feature			
Ultra low-profile in depth	■	■	
Hydraulic-magnetic circuit breakers (in units with 32A input current)	■	■	■
Environmental monitoring port for external temperature/humidity monitoring		■	■
Availability for regional outlets socket type	■		
Display and network management			
Full-featured network management capability via web, SNMP		■	■
User-interactive LCD display for local access		■	■
Field-replaceable network management module		■	■
Network port sharing (up to four Rack PDUs share one IP address)			■
Metering capability			
Active current measurements (amps)		■	■
Active power measurements (including volts, amps, real power (kW) and energy (kWh))		■	■
User-customizable alarms and warnings		■	■
Embedded log memory to record/review/report		■	■
Use access control with two levels		■	■
Outlet control			
Individual outlet remote power on/off control			■
Power-on sequencing and time delays with full user customization			■
Outlet level grouping (multiple outlets in same or multiple units follow single command)			■
Use access control with two levels		■	■
Installation and maintenance			
Ultralight for installation	■	■	
Field-replaceable network management module		■	■

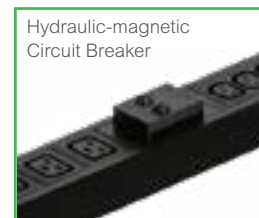


APC™ Easy Rack PDUs

Functions and characteristics

Easy Basic Rack PDUs

APC Easy Basic Rack PDUs provide reliable rack power distribution via a single input with multiple output receptacles and distribute power from low amperage single phase circuits to higher-power 3-phase solutions.



Model	EPDU1016B	EPDU1116B	EPDU1132B	EPDU1216B	EPDU1232B	
Input	Nominal Voltage	230 VAC			400 VAC, 3PH	
	Input Circuit	16 A	32 A	16 A, 3phase	32 A, 3phase	
	Input Frequency	50/60 Hz				
	Input Connector	IEC-320 C20 200-240V Inlet	IEC 309 16A 2P+E	IEC 309 32A 2P+E	IEC 309 16A 3P+N+E	IEC 309 32A 3P+N+E
	Input Cord Length	2.5m	3m		2m	
	Output Voltage	200-240 VAC, 1PH				
	Output Receptacles	(8) C13	(20) C13 (4) C19	(20) C13 (4) C19	(36) C13 (6) C19	(30) C13 (12) C19
	Circuit Breakers	NA		2 X 16A 1-pole hydraulic-magnetic circuit breakers	NA	6X 16A 1-pole hydraulic-magnetic circuit breakers
Physical	Mount Style	Horizontal (19" rack mountable)	Vertical			
	Width	488mm	62mm			
	Height	44.4mm	902mm	1175mm	1506mm	1796mm
	Depth	44.4mm				
	Housing Material	Aluminum extrusion				
	Tool-less Mounting	NA	Yes			
	Colour	Black				
Environmental	Operating Temp	-5° to +45°C				
	Operating Humidity	5-95%RH, non-condensing				
	Elevation Operating/Storage	0-3 000 m / 0-15 000 m				
Regulatory	EMC	CE, followed by standard EN55035, EN55032, EN55024				
	Safety	CE, TUV, followed by standard EN/IEC62368-1				
	Environment	RoHS, REACH				
Package	Rack Mounting Brackets	M6x16mm screw (4pcs), M6 cage nut (4pcs)	M5x10mm, self-tapping screw (4pcs), L type Bracket 2pcs (included screw)			
	Safety Sheet	Included				
	Installations Instructions	Included				
	Package Dimension	560*150*80mm	1320*160*110		1660*160*110	1950*160*110
	Weight/Shipping weight	0.58KG/1.18KG	2.2KG/2.98KG	3.58KG/4.36KG	3.08KG/4.28KG	5.14KG/6.2KG
Warranty	1 Year					

Functions and characteristics

Easy Metered Rack PDUs

Easy Metered Rack PDUs provide real-time remote monitoring of connected loads. User-defined alarms warn of potential circuit overloads before critical IT failures occur.

New designed display module horizontal type



Accessory of EPDU-TH



New designed display module 1 phase 3 phases



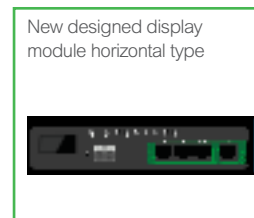
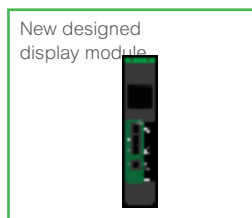
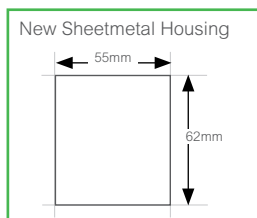
Model		EPDU1016M	EPDU1116M	EPDU1132M	EPDU1216M	EPDU1232M
Electrical	Nominal Voltage	230 VAC			400 VAC, 3PH	
	Input Circuit	16 A		32 A	16 A, 3phase	32 A, 3phase
	Input Frequency	50/60 Hz				
	Input Connector	IEC-320 C20 200-240V Inlet	IEC 309 16A 2P+E	IEC 309 32A 2P+E	IEC 309 16A 3P+N+E	IEC 309 32A 3P+N+E
	Input Cord Length	2.5m	3m		2m	
	Output Voltage	200-240 VAC, 1PH				
	Output Receptacles	(8) C13	(18) C13 (3) C19	(20) C13 (4) C19	(21) C13 (3) C19	(18) C13 (6) C19
	Circuit Breakers	NA		2 X 16A 1-pole hydraulic-magnetic circuit breakers	NA	6X 16A 1-pole hydraulic-magnetic circuit breakers
Physical	Mount Style	Horizontal (19" rack mountable)	Vertical			
	Width	482mm	62mm			
	Height	44.4mm	902mm	1175mm		1506mm
	Depth	44.4mm				
	Housing Material	Aluminum extrusion				
	Tool-less Mounting	NA	Yes			
	Colour	Black				
User Interface	Local User Interface	LCD Display, language: English				
	Local User Control	1 Button for scroll/select/Reset			2 Buttons for scroll/select/Reset	
	Communication I/O	1 Network port , 1 Temperature/ Humidity port				
	Remote Management Capabilities	http/https, SNMP V1,V2,V3				
Environmental	Operating Temp	-5° to +45°C				
	Operating Humidity	5-95%RH, non-condensing				
	Elevation Operating/Storage	0-3 000 m / 0-15 000 m				
Regulatory	EMC	CE, followed by standard EN55035, EN55032, EN55024				
	Safety	CE, TUV, followed by standard EN/IEC62368-1				
	Environment	RoHS, REACH				
Package	Rack Mounting Brackets	M6x16mm screw (4pcs), M6 cage nut (4pcs)	M5x10mm,self-tapping screw (4pcs),L type Bracket 2pcs (included screw)			
	Safety Sheet	Included				
	Installations Instructions	Included				
	Package Dimension	560*150*80mm	1320*160*110			1660*160*110
	Weight/Shipping weight	0.68KG/1.32KG	2.5KG/3KG	3.72KG/4.48KG	2.74KG/3.26KG	4.64KG/5.48KG
Accessory	EPDU-TH (need to be ordered separately)					
Warranty	1 Year					

APC™ Easy Rack PDUs

Functions and characteristics

Easy Switched Rack PDUs

Easy Switched Rack PDUs provide advanced load monitoring combined with remote on/off switching control of individual outlets for power cycling.



Model		EPDU1016M	EPDU1116M	EPDU1132M
Electrical	Nominal Voltage	230 VAC		
	Input Circuit	16 A		32 A
	Input Frequency	50/60 Hz		
	Input Connector	IEC-320 C20 200-240V Inlet	IEC 309 16A 2P+E	IEC 309 32A 2P+E
	Input Cord Length	2.5m	3m	
	Output Voltage	200-240 VAC, 1PH		
	Output Receptacles	(8) C13	(20) C13 (4) C19	
	Circuit Breakers	NA		2 X 16A 1-pole hydraulic-magnetic circuit breakers
Physical	Mount Style	Horizontal (19" rack mountable)	Vertical	
	Width	482mm	55mm	
	Height	44.4mm	1175mm	
	Depth	200mm	62mm	
	Housing Material	Sheetmetal		
	Tool-less Mounting	NA	Yes	
	Colour	Black		
User Interface	Local User Interface	LCD Display, language: English		
	Local User Control	2 Button for scroll/select/Reset		
	Communication I/O	1 Network port , 1 Temperature/ Humidity port, 2RS485 port sharing connection		
	Remote Management Capabilities	http/https, SNMP V1,V2,V3		
Environmental	Operating Temp	-5° to +45°C		
	Operating Humidity	5-95%RH, non-condensing		
	Elevation Operating/Storage	0-3 000 m / 0-15 000 m		
Regulatory	EMC	CE, followed by standard EN55035, EN55032, EN55024		
	Safety	CE, TUV, followed by standard EN/IEC62368-1		
	Environment	RoHS, REACH		
Package	Rack Mounting Brackets	M6x16mm screw (4pcs), M6 cage nut (4pcs)	M5x10mm,self-tapping screw (4pcs),L type Bracket 2pcs (included screw)	
	Safety Sheet	Included		
	Installations Instructions	Included		
	Package Dimension	560*220*80mm	1950*160*110mm	
	Weight/Shipping weight	2.8KG/3.6KG	7.3KG/8.5KG	7.9KG/9.0KG
Accessory	EPDU-TH (need to be ordered separately)			
Warranty	1 Year			

Reference Numbers

APC™ Easy PDUs

Basic

Easy PDU, Basic, 1U, 16A, 230V, (8)C13	EPDU1016B
Easy PDU, Basic, Zero U, 16A, 230V, (20)C13 & (4)C19; IEC309	EPDU1116B
Easy PDU, Basic, Zero U, 32A, 230V, (20)C13 & (4)C19; IEC309	EPDU1132B
Easy PDU, Basic, Zero U, 11 kW, 230V, (36) C13 & (6) C19; IEC309	EPDU1216B
Easy PDU, Basic, Zero U, 22 kW, 230V, (30) C13 & (12) C19; IEC309	EPDU1232B

Metered

Easy PDU, Metered, 1U, 16A, 230V, (8)C13	EPDU1016M
Easy PDU, Metered, Zero U, 16A, 230V, (18)C13 & (3)C19; IEC309	EPDU1116M
Easy PDU, Metered, Zero U, 32A, 230V, (20)C13 & (4)C19; IEC309	EPDU1132M
Easy PDU, Metered, Zero U, 11 kW, 230V, (21) C13 & (3) C19; IEC309	EPDU1216M
Easy PDU, Metered, Zero U, 22 kW, 230V, (18) C13 & (6) C19; IEC309	EPDU1232M

Switched

Easy PDU, Switched, 1U, 16A, 230V, (8)C13	EPDU1016S
Easy PDU, Switched, Zero U, 16A, 230V, (20)C13 & (4)C19, IEC309	EPDU1116S
Easy PDU, Switched, Zero U, 32A, 230V, (20)C13 & (4)C19; IEC309	EPDU1132S



Innovation that protects:
Learn about the technical information of the APC™ Easy Rack PDU series here



Scan or click on QR code

Offer

Easy UPS (3S, 3M & 3L)

General Overview

Uninterruptible power supplies (UPS)

Business continuity made **easy**



Convenience

Easy loop test

Verifies UPS performance before you connect your load, without the need for a load bank

Easy to install fast

Quickly roll the compact and lightweight UPS into position

Intuitive user interface

The intuitive graphical user interface allows for easy system configuration

ECO mode

Operating mode that by-passes unused electrical components in good power conditions to achieve high operating efficiency without sacrificing protection

Front-access servicing

Simplifies installation and UPS maintenance while minimising space requirements

Straightforward installation

Including the input, output, and bypass breakers, as well as the Emergency Power Off (EPO) switch, simplifies installation planning and speeds up deployment.

Protection

Optional SNMP card

When you purchase the SNMP card, you can monitor and manage UPS status remotely through the UPS Web interface or through EcoStruxure IT's cloud-based and on-premise software suites

Replaceable dust filters

Protect the UPS in harsh environments

Intuitive user interface

The intuitive graphical user interface allows for easy system configuration

Parallel capability

Multiple units can be placed in parallel to meet power capacity and redundancy requirements

Wide input voltage window

Saves your battery power for when you really need it - during power cuts

Easy UPS 3S

10 to 40 kVA 3 phase UPS for small and medium data centers and other business critical applications



3 phase Uninterruptible Power System. Designed for fast and easy installation, this EcoStruxure-ready UPS features a wide operating temperature window and strong overload protection, all in a compact and lightweight footprint.

Characteristics

Normal AC supply input

- 10 to 40 kVA (Internal or External batteries)
- 3:1 (10 to 30 kVA) 3:3 (10 to 40 kVA)
- Input voltage (V): 380 / 400 / 415 V (Three-phase + Neutral)
- Frequency (Hz): 45 – 65 Hz
- Input power factor: >0.99
- THDI:linear load,
- 5% non-linear load

Output

- Nominal output voltage (V):
 - 3:1 – 220 / 230 / 240 V
 - 3:3 – 380 / 400 / 415 V
- Efficiency: Double conversion mode up to 96%
- Efficiency: ECO mode up to 99%
- Overload capacity in normal operation 130% for 10 minutes and 130-150% for one minute
- Output voltage tolerance $\pm 1\%$.

Connectivity

Communication interface RS232, RS485, USB,dry contact, Modbus TCP/IP, optional network card Control panel Multi- function LCD, status and display console.

Easy to install and start up

- Rolls into position quickly and easily
- Minimal footprint requirement with lightweight, compact form factor
- Straightforward installation
- Input, output, and bypass breakers are included
- Emergency Power Off (EPO) switch is included
- Easy Loop test verifies UPS performance before you connect your load, without the need for a load bank
- Aesthetic design blends well into your installation environment

How to buy



Product references

Associated Offers



Galaxy VS Maintenance Bypass Panel, single unit, 10-20kW 400V wall mount
GVSBPSU10K20H



Galaxy VS Maintenance Bypass Panel, single unit, 20-60kW 400V wall mount
GVSBPSU20K60H



Easy UPS 3S Parallel Maintenance Bypass Panel for up to 2 units, 10-40kVA
E3SOPT006



Easy UPS 3S Parallel Kit
E3SOPT002



Easy UPS 3S Series Network Card
E3SOPT001

Easy UPS

General overview

Easy UPS 3M

60 to 200 kVA 3 phase UPS for small and medium data centers and other business critical applications



3 phase Uninterruptible Power System. Designed for fast and easy installation, this EcoStruxure-ready UPS features a wide operating temperature window and strong overload protection, all in a compact and lightweight footprint.

Characteristics

Normal AC supply input

- 60 to 80 kVA (Internal batteries)
- 60 to 200 kVA (External batteries)
- 3:3 (60 to 200 kVA)
- Input voltage (V): 380 / 400 / 415 V (Three-phase + Neutral)
- Frequency (Hz): 45 – 65 Hz
- Input power factor: >0.99
- THDI:
 - linear load,
 - 5% non-linear load

Output

- Nominal output voltage (V):
 - 3:3 – 380 / 400 / 415 V
- Efficiency: Double conversion mode up to 96%
- Efficiency: ECO mode up to 99%
- Overload capacity in normal operation 130% for 10 minutes and 130-150% for one minute
- Output voltage tolerance $\pm 1\%$

Connectivity

Communication interface RS232, RS485, USB, dry contact, Modbus TCP/IP, optional network card Control panel Multi-function LCD, status and display console

Easy to install and start up

- Rolls into position quickly and easily
- Minimal footprint requirement with lightweight, compact form factor
- Straightforward installation
- Input, output, and bypass breakers are included
- Emergency Power Off (EPO) switch is included
- Easy Loop test verifies UPS performance before you connect your load, without the need for a load bank
- Aesthetic design blends well into your installation environment

How to buy

Phone:

13 73 28 (13 SEAU)

Email Sales Support:



Chat Support:



Product references

Associated Offers



Easy UPS 3M Battery Breaker Box 60-80kVA 400V
E3MBBB60K80H



Easy UPS 3M Parallel Maintenance Bypass Panel
E3MBPAR60K200H



Battery Breaker Box, 630A, one circuit breaker for Easy UPS 3M/3L
E3MBBB100K200H



Maintenance Bypass Panel for Easy UPS 3M 60-200kVA/ Easy UPS 3L 250-400kVA, 400V
E3MBP60K400H



Easy UPS 3S Series Network Card
E3SOPT001

Easy UPS 3L

250 to 600 kVA 3 phase UPS for commercial and industrial applications



3 phase Uninterruptible Power System. Designed for fast and easy installation, this EcoStruxure-ready UPS features a wide operating temperature window and strong overload protection, all in a compact and lightweight footprint.

Characteristics

Normal AC supply input

- 250 to 600 kVA (External batteries)
- 3:3 (250 to 600 kVA)
- Input voltage (V): 380 / 400 / 415 V (Three-phase + Neutral)
- Frequency (Hz): 45 – 65 Hz
- Input power factor: >0.99
- THDI:
 - linear load,
 - 5% non-linear load

Output

- Nominal output voltage (V):
 - 3:3 – 380 / 400 / 415 V
- Efficiency: Double conversion mode up to 96%
- Efficiency: ECO mode up to 99%
- Overload capacity in normal operation 130% for 10 minutes and 130-150% for one minute
- Output voltage tolerance $\pm 1\%$.

Connectivity

Communication interface RS232, RS485, USB, dry contact, Modbus TCP/IP, optional network card Control panel Multi-function LCD, status and display console.

Easy to install and start up

- Minimal footprint requirement with lightweight, compact form factor
- Straightforward installation
- Emergency Power Off (EPO) switch is included
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How to buy

Phone:
13 73 28 (13 SEAU)

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Chat Support:



Product references

Associated Offers



Battery Breaker Box, 630A, one circuit breaker for Easy UPS 3M/3L
E3MBBB100K200H



Galaxy VS Maintenance Bypass Panel, single unit, 20-60kW 400V wall mount
E3MBP60K400H



Easy UPS 3L Parallel Kit with 20m cable
E3LOPT001



Synchronisation Kit with 20m cable for Easy UPS 3M/3L
E3LOPT002



Easy UPS 3S Series Network Card
E3SOPT001



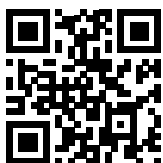
Green Premium™

An industry leading portfolio of offers delivering sustainable value



More than 75% of our product sales offer superior transparency on the material content, regulatory information, and environmental impact of our products:

- RoHS compliance
- REACH substance information
- Industry leading # of PEP's*
- Circularity instructions



Discover what we mean by green

Check your products!

The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognised environmental claims and extended to cover all offers including Products, Services, and Solutions.

CO₂ and P&L impact through... Resource Performance

Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimisation of CO₂ emissions.

Cost of ownership optimisation through... Circular Performance

We're helping our customers optimise the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through... Well-Being Performance

Green Premium products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

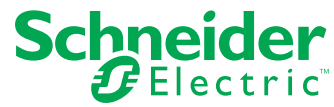
Improved sales through... Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organisations, we can support our customers in meeting their sustainability goals such as green building certifications.

*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)



Life Is On



se.com/au

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