

Quick selection guide



Who we are



As the Switch Specialist, we design and manufacture low voltage switchgear solutions. We anticipate our customers' needs and offer electromechanical products for industrial applications, utilities, railway and green energy sector.

Telergon is an innovative, customer orientated firm and we are strongly committed to R&D as a tool to boost the future of the industry. Due to this attitude, the company offers a wide range of standard products but also the possibility to customize them according to special requirements.

Our knowledge, acquired through an experience of more than 70 years, together with the involvement of its highly qualified professionals, has allowed Telergon to be present in more than 100 countries, always providing the best service and working under the strictest quality standards.

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Index

AC

	CAM SWITCHES T, TB, TF, TP, ENCLOSED SOLUTIONS	2
	COMPACT SWITCHES S3, S3L, S3S, S3M	6
	SWITCH-DISCONNECTORS S5, S6, S6N, S5M	12
	CHANGEOVER SWITCHES CEC, S5F, CCF, S5B	18
	MOTORIZED SWITCHES & CHANGEOVER UM-S, UM-C	22
	ENCLOSED SOLUTIONS CIS, CTR	26
	SWITCH FUSES M3, M21, CIF	28

DC

	DC SWITCH-DISCONNECTORS F1, F7, S5, S5N, S6, S7, S5M	32
	CRS FIREFIGHTER SAFETY SWITCH	35
	CHANGEOVER AC DC & DC DC S5F, S5L	38
	DC ISOLATION ONLY S5, S6	40
	GREEN ENERGY APPLICATIONS	42

For further details about the products included in this guide, please consult the general catalogue, visit our website (www.telergon.com) or contact us directly.

Cam switches

Testing and approvals:       

Cam switches are a flexible and low cost solution for any electric diagram. They consist of chambers, each containing up to two double break contacts of positive opening, which are silver alloy coated in order to guarantee a long electromechanical life.

According to:

IEC 60947-3 | UL 60947-4-1 | RoHS | GB/T 14048.3

The different configurations available provide faster and safer solutions for several electrical operations, becoming a reliable product that meets the most demanding requirements.

Customized solutions

From 10 A up to 1200 A



Ergonomic handle

With position indicator



Removable shrouds

In T series

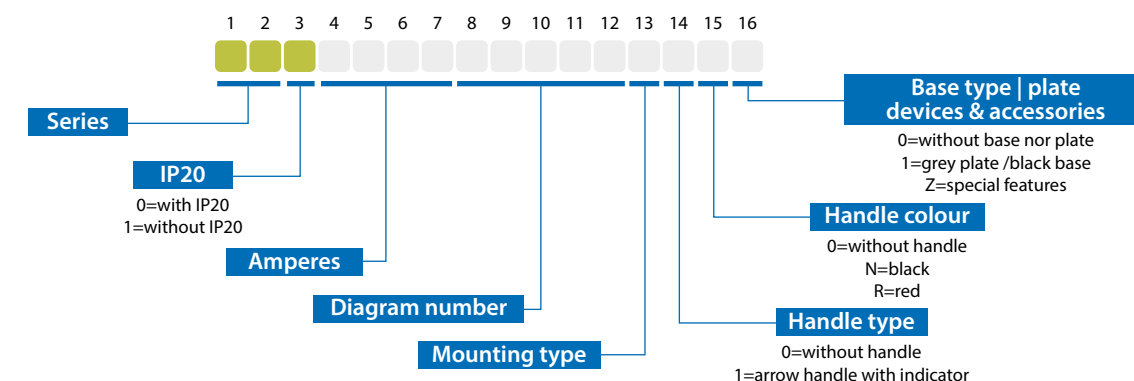


Wide range

Of devices and accessories



T175



T series

From 12A up to 1200A (under request).
1P up to 12 P.
Supplied with IP20 removable terminals

 protection (except T175).
Four sizes available: 0,1 2 & 3.



TB series

From 20A up to 32A.
1P up to 12 P.
Side access to all terminal screws (up and

down).
Two different bodies depending on mounting type: door or base mounting.



TF series

From 12A up to 32A.
1P up to 12 P.
Square body, smooth sides, axial access to terminal screws.

Two different bodies depending on mounting type: door or base mounting.



TP series

Available for 12A.
1P up to 12 P.
Reduced-sized body.

Door mounting.



Enclosed cam switches

CITP, CITR & CTFR series (plastic enclosure) and CITA & CITC series (metallic enclosure).
Available from 12A up to 100A according to models.
With padlockable handle (under request).

Possibility of other diagrams (under request).
Different enclosure sizes.

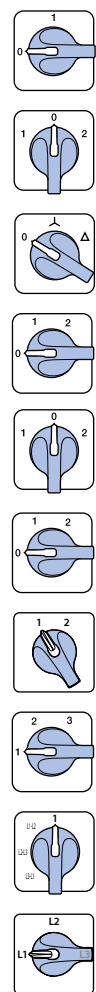
Customized solutions

From 10A up to 1200A.
Any electrical programme can be executed.
Up to 36 positions and 72 contacts.
Reversing, selector, ammeter, voltmeter, Dahlander switches...

Special devices for the railway sector.
Customized enclosed solutions are also available.



Cam switches | Standard codes



Ith		12A	16A	25A	32A
Model		TP-0010	T-00012	T-00020	T-00025
On - off switches					
T-010	1P	TP-001000010E1N1	T-0001200010E1N1	T-0002000010E1N1	T-0002500010E1N1
T-011	2P	TP-001000011E1N1	T-0001200011E1N1	T-0002000011E1N1	T-0002500011E1N1
T-012	3P	TP-001000012E1N1	T-0001200012E1N1	T-0002000012E1N1	T-0002500012E1N1
T-013	4P	TP-001000013E1N1	T-0001200013E1N1	T-0002000013E1N1	T-0002500013E1N1
Reversing switches					
T-101	2P	-	T-0001200101E1N1	T-0002000101E1N1	T-0002500101E1N1
T-102	3P	-	T-0001200102E1N1	T-0002000102E1N1	T-0002500102E1N1
Star delta switches					
T-300	Normal	-	T-0001200300E1N1	T-0002000300E1N1	T-0002500300E1N1
Dahlander multi-step switches					
T-330	0-1-2	-	T-0001200330E1N1	T-0002000330E1N1	T-0002500330E1N1
Changeover switches with center "OFF" 1-0-2					
T-400	1P	TP-001000400E1N1	T-0001200400E1N1	T-0002000400E1N1	T-0002500400E1N1
T-401	2P	TP-001000401E1N1	T-0001200401E1N1	T-0002000401E1N1	T-0002500401E1N1
T-402	3P	TP-001000402E1N1	T-0001200402E1N1	T-0002000402E1N1	T-0002500402E1N1
T-403	4P	TP-001000403E1N1	T-0001200403E1N1	T-0002000403E1N1	T-0002500403E1N1
Multi-step switches with "OFF" position 1-0-2 - 1 pole					
T-410	0+2 positions	-	T-0001200410E1N1	T-0002000410E1N1	T-0002500410E1N1
T-411	0+3 positions	-	T-0001200411E1N1	T-0002000411E1N1	T-0002500411E1N1
T-412	0+4 positions	-	T-0001200412E1N1	T-0002000412E1N1	T-0002500412E1N1
Changeover switches without "OFF" 1-2					
T-500	1P	-	T-0001200500E1N1	T-0002000500E1N1	T-0002500500E1N1
T-501	2P	-	T-0001200501E1N1	T-0002000501E1N1	T-0002500501E1N1
T-502	3P	-	T-0001200502E1N1	T-0002000502E1N1	T-0002500502E1N1
T-503	4P	-	T-0001200503E1N1	T-0002000503E1N1	T-0002500503E1N1
Multi-step switches without "OFF" position 1 pole					
T-510	3 positions	-	T-0001200510E1N1	T-0002000510E1N1	T-0002500510E1N1
T-511	4 positions	-	T-0001200511E1N1	T-0002000511E1N1	T-0002500511E1N1
T-512	5 positions	-	T-0001200512E1N1	T-0002000512E1N1	T-0002500512E1N1
Voltmeter switches					
T-701	3 phases	TP-001000701E1N1	T-0001200701E1N1	-	-
T-705	3 phases and 3 phases to neutral	TP-001000705E1N1	T-0001200705E1N1	-	-
Ammeter switches					
T-720	3 phases	-	T-0001200720E1N1	-	-
T-731	3 circuits	TP-001000731E1N1	T-0001200731E1N1	-	-

For more references, features, poles and positions, please consult.

Bespoke solutions



Light with white neon lamp



Light with white neon lamp and inscription plate



Tandem drive operation



Blocking operation



Dual voltage locking device



Clutch device with door interlock



Key handle device



Key handle device

For other customized solutions, please consult.

50A	80A	125A	200A	250A
T-00040	T-00063	T-00100	T-00175	T-00250
T-0004000010E1N1	T-0006300010E1N1	T-0010000010E1N1	T-0017500010E1N1	T-0025000010E1N1
T-0004000011E1N1	T-0006300011E1N1	T-0010000011E1N1	T-0017500011E1N1	T-0025000011E1N1
T-0004000012E1N1	T-0006300012E1N1	T-0010000012E1N1	T-0017500012E1N1	T-0025000012E1N1
T-0004000013E1N1	T-0006300013E1N1	T-0010000013E1N1	T-0017500013E1N1	T-0025000013E1N1
T-0004000101E1N1	T-0006300101E1N1	T-0010000101E1N1	T-0017500101E1N1	T-0025000101E1N1
T-0004000102E1N1	T-0006300102E1N1	T-0010000102E1N1	T-0017500102E1N1	T-0025000102E1N1
T-0004000300E1N1	T-0006300300E1N1	T-0010000300E1N1	T-0017500300E1N1	T-0025000300E1N1
T-0004000330E1N1	T-0006300330E1N1	T-0010000330E1N1	T-0017500330E1N1	T-0025000330E1N1
T-0004000400E1N1	T-0006300400E1N1	T-0010000400E1N1	T-0017500400E1N1	T-0025000400E1N1
T-0004000401E1N1	T-0006300401E1N1	T-0010000401E1N1	T-0017500401E1N1	T-0025000401E1N1
T-0004000402E1N1	T-0006300402E1N1	T-0010000402E1N1	T-0017500402E1N1	T-0025000402E1N1
T-0004000403E1N1	T-0006300403E1N1	T-0010000403E1N1	T-0017500403E1N1	T-0025000403E1N1
T-0004000410E1N1	T-0006300410E1N1	T-0010000410E1N1	T-0017500410E1N1	T-0025000410E1N1
T-0004000411E1N1	T-0006300411E1N1	T-0010000411E1N1	T-0017500411E1N1	T-0025000411E1N1
T-0004000412E1N1	T-0006300412E1N1	T-0010000412E1N1	T-0017500412E1N1	T-0025000412E1N1
T-0004000500E1N1	T-0006300500E1N1	T-0010000500E1N1	T-0017500500E1N1	T-0025000500E1N1
T-0004000501E1N1	T-0006300501E1N1	T-0010000501E1N1	T-0017500501E1N1	T-0025000501E1N1
T-0004000502E1N1	T-0006300502E1N1	T-0010000502E1N1	T-0017500502E1N1	T-0025000502E1N1
T-0004000503E1N1	T-0006300503E1N1	T-0010000503E1N1	T-0017500503E1N1	T-0025000503E1N1
T-0004000510E1N1	T-0006300510E1N1	T-0010000510E1N1	T-0017500510E1N1	T-0025000510E1N1
T-0004000511E1N1	T-0006300511E1N1	T-0010000511E1N1	T-0017500511E1N1	T-0025000511E1N1
T-0004000512E1N1	T-0006300512E1N1	T-0010000512E1N1	T-0017500512E1N1	T-0025000512E1N1
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Standard codes are for rear mounting assemble (E) with standard black arrow handle (1N1). E1N1 at the end.
Other fixings (base & DIN mounting with direct or external handle) under request.
Other handles under request.

Plate and handle

ARROW HANDLE



PADLOCKABLE HANDLE "MINI"

(E TYPE ONLY)



PADLOCKABLE HANDLE



Key lock device



Key lock device with inscription plate



Padlockable handle with inscription plate



Push button blocking system



Push button blocking system with inscription plate



DIN rail mounting device



Front plates for distribution boards

For other customized solutions, please consult.

At Telergon, we specialize in customized solutions. Above are some examples of customized cam switches we have developed. They are made according to customer specifications or to comply with a diagram or special scheme.

Compact switches

Testing and approvals:  

Different compact devices compose the S3 series, all with a high breaking capacity and contact pressure, allowing an optimized response to short

circuits.

Designed for use in low voltage civil and industrial machines and facilities, this series includes a range of changeover switches and diverse solutions in plastic and metal enclosures.

Compact-size cases



Different mounting options

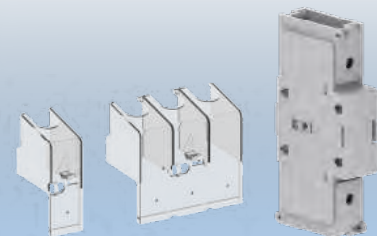


Enclosed solutions

from 16 up to 125A



Wide range of add-on accessories



S3 Series

Din Rail mounting

From 3P up to 8P.

Available from

- 16A up to 125A 3P & 3P+N.
- 63A up to 80A 6P & 8P (S3M)



Panel mounting

3P or 3P+N.

Available from 16A up to 125A.

Two types of padlockable handle.



Door Interlock mounting

3P or 3P+N.

Available from 16A up to 125A



Changeover switches

3P or 3P +N.

Available 63A & 80A.

By-pass available (S3S)



Plastic & aluminium enclosed solutions

3P or 3P+N

Available from 16A up to 125A

Padlockable handle.

Emergency and black handles



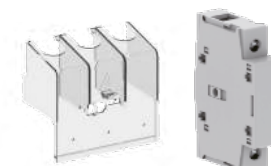
Accessories for these series

Terminal shrouds

Side Mount Add-on Fourth Pole

Add-on Auxiliary Contacts

Shaft extension



Compact switches

► S3 SERIES | DIN-RAIL MOUNTING (DB) NEW



					
		3P	3P+N*2	3P	3P+N*2
Size	Amp	Code	Code	Code	Code
000	16	S3-00163P1DB	S3-00163N1DB	S3-00163P5DB	S3-00163N5DB
	20	S3-00203P1DB	S3-00203N1DB	S3-00203P5DB	S3-00203N5DB
	25	S3-00253P1DB	S3-00253N1DB	S3-00253P5DB	S3-00253N5DB
	32	S3-00323P1DB	S3-00323N1DB	S3-00323P5DB	S3-00323N5DB
00	40	S3-00403P1DB	S3-00403N1DB	S3-00403P5DB	S3-00403N5DB
	63	S3-00633P1DB	S3-00633N1DB	S3-00633P5DB	S3-00633N5DB
	80	S3-00803P1DB	S3-00803N1DB	S3-00803P5DB	S3-00803N5DB
0	100	S3-01003P1DB	S3-01003N1DB	S3-01003P5DB	S3-01003N5DB
	125	S3-01253P1DB	S3-01253N1DB	S3-01253P5DB	S3-01253N5DB

► S3 SERIES | PANEL MOUNTING (PM)



									
		3P	3P+N*2	3P	3P+N*2	3P	3P+N*2	3P	3P+N*2
Size	Amp	Code	Code	Code	Code	Code	Code	Code	Code
000	16	S3-00163P4PM	S3-00163N4PM	S3-00163P3PM	S3-00163N3PM	S3-00163P7PM	S3-00163N7PM	S3-00163P6PM	S3-00163N6PM
	20	S3-00203P4PM	S3-00203N4PM	S3-00203P3PM	S3-00203N3PM	S3-00203P7PM	S3-00203N7PM	S3-00203P6PM	S3-00203N6PM
	25	S3-00253P4PM	S3-00253N4PM	S3-00253P3PM	S3-00253N3PM	S3-00253P7PM	S3-00253N7PM	S3-00253P6PM	S3-00253N6PM
	32	S3-00323P4PM	S3-00323N4PM	S3-00323P3PM	S3-00323N3PM	S3-00323P7PM	S3-00323N7PM	S3-00323P6PM	S3-00323N6PM
00	40	S3-00403P4PM	S3-00403N4PM	S3-00403P3PM	S3-00403N3PM	S3-00403P7PM	S3-00403N7PM	S3-00403P6PM	S3-00403N6PM
	63	S3-00633P4PM	S3-00633N4PM	S3-00633P3PM	S3-00633N3PM	S3-00633P7PM	S3-00633N7PM	S3-00633P6PM	S3-00633N6PM
	80	S3-00803P4PM	S3-00803N4PM	S3-00803P3PM	S3-00803N3PM	S3-00803P7PM	S3-00803N7PM	S3-00803P6PM	S3-00803N6PM
0	100	S3-01003P4PM	S3-01003N4PM	S3-01003P3PM	S3-01003N3PM	S3-01003P7PM	S3-01003N7PM	S3-01003P6PM	S3-01003N6PM
	125	S3-01253P4PM	S3-01253N4PM	S3-01253P3PM	S3-01253N3PM	S3-01253P7PM	S3-01253N7PM	S3-01253P6PM	S3-01253N6PM

*2 Neutral is early-make and late-break

Compact switches

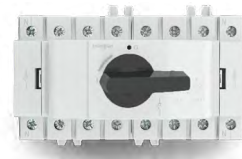
► S3 SERIES | DOOR INTERLOCK (DC)



									
		3P	3P+N*2	3P	3P+N*2	3P	3P+N*2	3P	3P+N*2
Size	Amp	Code	Code	Code	Code	Code	Code	Code	Code
000	16	S3-00163P4DC	S3-00163N4DC	S3-00163P3DC	S3-00163N3DC	S3-00163P7DC	S3-00163N7DC	S3-00163P6DC	S3-00163N6DC
	20	S3-00203P4DC	S3-00203N4DC	S3-00203P3DC	S3-00203N3DC	S3-00203P7DC	S3-00203N7DC	S3-00203P6DC	S3-00203N6DC
	25	S3-00253P4DC	S3-00253N4DC	S3-00253P3DC	S3-00253N3DC	S3-00253P7DC	S3-00253N7DC	S3-00253P6DC	S3-00253N6DC
	32	S3-00323P4DC	S3-00323N4DC	S3-00323P3DC	S3-00323N3DC	S3-00323P7DC	S3-00323N7DC	S3-00323P6DC	S3-00323N6DC
00	40	S3-00403P4DC	S3-00403N4DC	S3-00403P3DC	S3-00403N3DC	S3-00403P7DC	S3-00403N7DC	S3-00403P6DC	S3-00403N6DC
	63	S3-00633P4DC	S3-00633N4DC	S3-00633P3DC	S3-00633N3DC	S3-00633P7DC	S3-00633N7DC	S3-00633P6DC	S3-00633N6DC
	80	S3-00803P4DC	S3-00803N4DC	S3-00803P3DC	S3-00803N3DC	S3-00803P7DC	S3-00803N7DC	S3-00803P6DC	S3-00803N6DC
0	100	S3-01003P4DC	S3-01003N4DC	S3-01003P3DC	S3-01003N3DC	S3-01003P7DC	S3-01003N7DC	S3-01003P6DC	S3-01003N6DC
	125	S3-01253P4DC	S3-01253N4DC	S3-01253P3DC	S3-01253N3DC	S3-01253P7DC	S3-01253N7DC	S3-01253P6DC	S3-01253N6DC

The code includes a 135mm long shaft

► MULTIPOLE AND CHANGEOVER SWITCHES

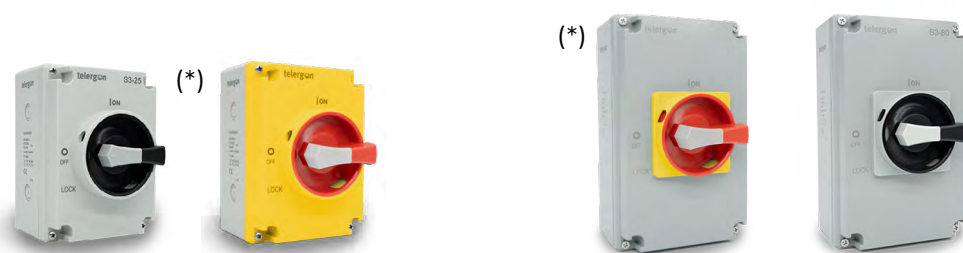


		Din-Rail mounting Multipole switch*3		Din-Rail mounting changeover switch (I-O-II)		Din-Rail mounting Changeover with overlapping (I-(I+II)-II)	
		6P	8P	3P	3P+N*2	3P	3P+N*2
Size	Amp	Code	Code	Code	Code	Code	Code
000	16	S3M00166P0DB	S3M00168P0DB	S3L00163P1DB	S3L00163N1DB	S3S00163P1DB	S3S00163N1DB
	20	S3M00206P0DB	S3M00208P0DB	S3L00203P1DB	S3L00203N1DB	S3S00203P1DB	S3S00203N1DB
	25	S3M00256P0DB	S3M00258P0DB	S3L00253P1DB	S3L00253N1DB	S3S00253P1DB	S3S00253N1DB
	32	S3M00326P0DB	S3M00328P0DB	S3L00323P1DB	S3L00323N1DB	S3S00323P1DB	S3S00323N1DB
00	40	S3M00406P0DB	S3M00408P0DB	S3L00403P1DB	S3L00403N1DB	S3S00403P1DB	S3S00403N1DB
	63	S3M00636P0DB	S3M00638P0DB	S3L00633P1DB	S3L00633N1DB	S3S00633P1DB	S3S00633N1DB
	80	S3M00806P0DB	S3M00808P0DB	S3L00803P1DB	S3L00803N1DB	S3S00803P1DB	S3S00803N1DB

*3 handle without lock

Compact switches

► **S3 SERIES** | ENCLOSED SOLUTIONS



		Plastic enclosure				Aluminium enclosure	
		3P	3P+N	6P	8P	3P	3P+N
Size	Amp	Code	Code	Code	Code	Code	Code
000	16	S3-00163P3EP	S3-00163N3EP	S3M00166P3EP	S3M00168P3EP	S3-00163P3EA	S3-00163N3EA
	20	S3-00203P3EP	S3-00203N3EP	S3M00206P3EP	S3M00208P3EP	S3-00203P3EA	S3-00203N3EA
	25	S3-00253P3EP	S3-00253N3EP	S3M00256P3EP	S3M00258P3EP	S3-00253P3EA	S3-00253N3EA
	32	S3-00323P3EP	S3-00323N3EP	S3M00326P3EP	S3M00328P3EP	S3-00323P3EA	S3-00323N3EA
	40	S3-00403P3EP	S3-00403N3EP	S3M00406P3EP	S3M00408P3EP	S3-00403P3EA	S3-00403N3EA
00	63	S3-00633P3EP	S3-00633N3EP	S3M00636P3EP	S3M00638P3EP	S3-00633P3EA	S3-00633N3EA
	80	S3-00803P3EP	S3-00803N3EP	S3M00806P3EP	S3M00808P3EP	S3-00803P3EA	S3-00803N3EA
0	100	S3-01003P3EP	S3-01003N3EP	-	-	-	-
	125	S3-01253P3EP	S3-01253N3EP	-	-	-	-

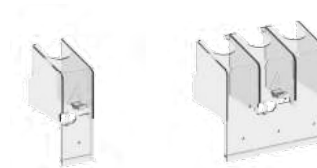
***For emergency handle, please consult**

► **S3 SERIES** | ACCESSORIES



Compact switches

02 Terminal shrouds



		1P	3P
Size	Amp.	Code	Code
000	16A-40A	DS3CUA2	DS3CUA1
00	63A-80A	DS3CUB2	DS3CUB1
0	100A-125A	DS3CU02	DS3CU01

06 Shaft extension



Lenght (mm)	Code
150	DS3EPA1
200	DS3EPA2
320	DS3EPA3

03 Side Mount Add-on Pole



			Simultaneous		Early-make	
			Front installation	Reverse installation	Front installation	Reverse installation
			DB/DC/EP/EA	PM	DB/DC/EP/EA	PM
Size	Amp	Width (mm)	Code	Code	Code	Code
000	16A-40A	11	DS3PSAF	DS3PSAR	DS3PDAF	DS3PDAR
00	63A-80A	16	DS3PSBF	DS3PSBR	DS3PDBF	DS3PDBR
0	100A-125A	21.3	DS3PSOF	DS3PSOR	DS3PD0F	DS3PDOR



			Fixed neutral		Earth /Ground	
			Front installation	Reverse installation	Front installation	Reverse installation
			DB/DC/EP/EA	PM	DB/DC/EP/EA	PM
Size	Amp	Width (mm)	Code	Code	Code	Code
000	16A-40A	11	DS3PNAF	DS3PNAR	DS3PEAF	DS3PEAR
00	63A-80A	16	DS3PNBF	DS3PNBR	DS3PEBF	DS3PEBR
0	100A-125A	21.3	DS3PNOF	DS3PNOR	DS3PEOF	DS3PEOR



04 Add-on Auxiliary Contacts



	1NO+1NC		2NO+2NC	
	DB/DC/EP/EA	PM	DB/DC/EP/EA	PM
Width (mm)	Code	Code	Code	Code
9	DS3AUP1	DS3AUP1R	DS3AUP2	DS3AUP2R

AC electrical characteristics AC-13: 10A, 230V~ AC-15: 6A, 230V~.

Switch-disconnectors

Testing and approvals:      

All the switch-disconnectors series are based on a sandwich-type body that contains self-cleaning knife contacts, with pre-arc zones to ensure long term and fault-free energy transmission. In addition, the contacts are silver alloy coated with the aim to ensure a long electromechanical life.

According to:

IEC 60947-3 | IEC 61439-2 | RoHS

Functional and ergonomic handle

Direct or external and in different colours: blue or red/yellow (emergency, only external).



Possibility of incorporating

Different devices and accessories



The spring operation provides quick and independent switching due to the accumulation of elastic potential energy, which is transmitted at a high speed to enable the arc extinction.

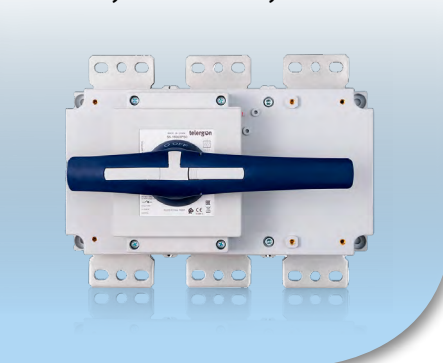
Base mounting

With screws



Wide range of ratings

New switch S6/S6N with great flexibility and versatility of connection



S5 series

3P & 3P+N.

Available from 40A up to 6300A.

Switching under load up to 800Vac.

Breaking current up to 8 times the operational current.



S6 & S6N series

3P & 3P+N.

From 1250 A up to 3150 A.

Footprint up to 45% smaller than S5.

Compact design.

Optimized phase to phase distance.



S6 series

2P, 3P & 3P+N.

Available from 200A up to 800A.

Molded case adjusted to the number of poles.



S5M series

6P & 8P.

Available from 125A up to 1000A.

Back to back arrangement with operating mechanism in side.



S6N series

6P & 8P.

Available from 250A.

Back to back arrangement with operating mechanism in front, in order to increase the number of available contacts between 6 and 8.



UM-S series

Motorized unit kit 0 - 1.

Wide range of currents depending on series:

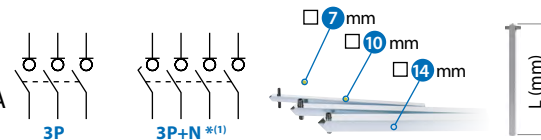
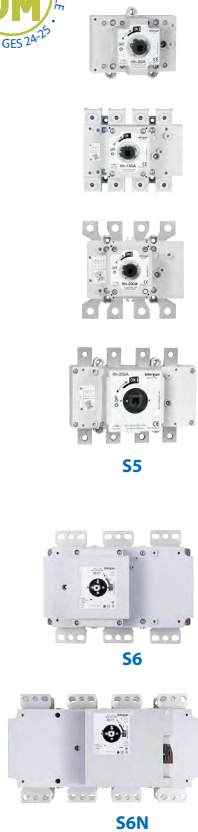
- For **S5**: From 250A up to 3150A.
- For **S6** (2P, 3P & 4P): From 200A up to 1800A.
- For **S5M** y **S6N** (6P & 8P): From 125A up to 3150A.

One or two voltages depending on model 120 - 230 Vac (for DC values, please consult).

For further information, please see pages 22-25.

Switch-disconnectors

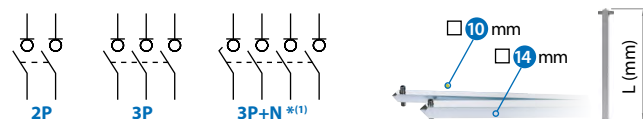
► S5, S6 & S6N | BASE MOUNTING SWITCHES | 3 & 4P | 40A-6300A



Amp.	Size	Connection	3P	3P+N ^{*(1)}	Manual handle			Shaft extensions ^{*(4)}		
					External ^{*(2)}	Direct	Emergency external ^{*(2)}		Type 1 & 2	
			Code	Code					L	Code ^{*(e1)}
40	00		S5-00403PB0	S5-00403NB0	DS-SA01	DS-SI01	DS-SR01	7	250	DS-EP04
63			S5-00633PB0	S5-00633NB0					387	DS-EP05
80			S5-00803PB0	S5-00803NB0						
125	0		S5-01253PB0	S5-01253NB0	DS-SA01	DS-SI01	DS-SR01	7	250	DS-EP04
125			S5-01253PS0	S5-01253NS0					387	DS-EP05
160			S5-01603PB0	S5-01603NB0						
160			S5-01603PS0	S5-01603NS0						
200			S5-02003PS0	S5-02003NS0						
250			S5-02503PR0	S5-02503NR0					375	DS-EP14
315	1		S5-03153PR0	S5-03153NR0	DS-SA11	DS-SI11	DS-SR11	10	536	DS-EP15
400			S5-04003PC0	S5-04003NC0						
500			S5-05003PR0	S5-05003NR0					345	DS-EP23
630	2		S5-06303PR0	S5-06303NR0	DS-LA21	DS-LI21	DS-LR21	14	535	DS-EP24
800			S5-08003PC0	S5-08003NC0						
1000	3		S5-10003PC0	S5-10003NC0	DS-LA31	DS-LI31	DS-LR31	14	345	DS-EP23
1250	4 (S6)		S6-12503PS0	S6-12503NS0	3P DS-LA45	3P DS-LI45	DS-LR41	14	485	DS-EP44
1600			S6-16003PS0	S6-16003NS0	3P+N DS-LA41	3P+N DS-LI41			635	DS-EP45
1800			S6-18003PS0	S6-18003NS0						
2000	5 (S6N)		S6N20003PS0	S6N20003NS0	DS-LI41	DS-LI41	DS-LR41	-	-	-
2500			S6N25003PS0	S6N25003NS0						
3150			S6N31503PS0	S6N31503NS0						
4000	6 (S5)		S5-40003PP0	S5-40003NP0	DS-EN61 ^{*(3)}	-	-	-	-	-
5000			S5-50003PP0	S5-50003NP0						
6300			S5-63003PP0	S5-63003NP0						

New S6 and S6N codes.

► S6 | BASE MOUNTING SWITCHES | 2, 3 & 4P | 200A-800A



Amp.	Size	Connection	2P	3P	3P+N ^{*(1)}	Manual handle			Shaft extensions ^{*(4)}		
						External ^{*(2)}	Direct	Emergency external ^{*(2)}		Type 1 & 2	
			Code	Code	Code					L	Code ^{*(e1)}
200	1		S6-02002PS0	S6-02003PS0	S6-02003NS0	DS-SA11	DS-SI11	DS-SR11	10	375	DS-EP14
250			S6-02502PS0	S6-02503PS0	S6-02503NS0					536	DS-EP15
315			S6-03152PS0	S6-03153PS0	S6-03153NS0						
400			S6-04002PD0	S6-04003PD0	S6-04003ND0						
500			S6-05002PD0	S6-05003PD0	S6-05003ND0						
630	2		S6-06302PS0	S6-06303PS0	S6-06303NS0	DS-LA21	DS-LI21	DS-LR21	14	345	DS-EP23
800			S6-08002PD0	S6-08003PD0	S6-08003ND0					535	DS-EP24

For high performance range (800Vac), please consult the corresponding full details.

For Kit Motorized units - See pages 24-25.

- ^{*(1)} Neutral pole early make & late break - 4P versions with "simultaneous contacts" are also available (please, consult).
- ^{*(2)} Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool).
Door interlocked by a padlock in OFF 0 position.
- ^{*(3)} Slide bar handle, only standard door interlock. Please, consult the corresponding full details.
- ^{*(4)} A standard shaft is included with the external handle.

Please indicate in your order the switch code and the handle code, as these both products are managed separately.



Size	Shaft guide	Auxiliary contacts ^{*(5)}		DIN rail mounting	Safety key lock device ^{*(6)}		Terminal protection ^{*(7)}	Phase barriers			Terminal shrouds ^{*(7)} (3P - 1 unit 4P -2 units)			Terminal shrouds ^{*(7)} (2 units)
		1NO+1NC	2NO+2NC	Code (2 units)	Simple	Double	Code	1 unit	2 units	3 units	Up	Down	Up or Down	Code
		Code	Code		Code	Code ^{*(e1)}		Code ^{*(e1)}	Code	Code	Code	3P	3P	
00	-	D5LAU01	D5LAU02	-	DS-CAB1	DS-CEB1	-	-	-	-	-	-	-	-
0	DS-EC00	D5LAU01	D5LAU02	DS-DN01	DS-CAB1	DS-CEB1	DS-CU01	-	-	-	-	-	-	-
				-							DS-CU02	DS-CU03	DS-CU04	
				DS-DN01							-	-	-	
				-							DS-CU02	DS-CU03	DS-CU04	
				-							DS-CU05	DS-CU06	DS-CU07	
1	DS-EC00	D5LAU01	D5LAU02	-	DS-CA11	DS-CE11	DS-CU12	-	-	-	-	-	-	DS-CU11
2	DS-EC00	D5LAU01	D5LAU02	-	DS-CB21	DS-CF21	DS-CU22	-	-	-	-	-	-	DS-CU21
3	DS-EC00	D5LAU01	D5LAU02	-	DS-CB31	DS-CF31	-	-	-	-	-	-	-	DS-CU31
4 (S6)	DS-EC00	D5LAU01	D5LAU02	-	DS-CB41	DS-CF41	-	DR-SF41	DR-SF42	DR-SF43	3P	DR-CU41		-
											4P	DR-CU42		
5 (S6N)	DS-EC00	D5LAU01	D5LAU02	-	DS-CB41	DS-CF41	-	-	DR-SF44	DR-SF45	3P	DR-CU51		-
											4P	DR-CU52		
6 (S5)	DS-EC00	DS-AU11	DS-AU12	-	DS-CS41	DS-CD41	-	-	-	-	-	-	-	-

^{*(P2)} The bridging links must be assembled to the switch in order to comply with the operation and electrical features. Please, consult for more information.



Size	Shaft guide	Auxiliary contacts ^{*(5)}		Safety key lock device ^{*(6)}		Spacers	Phase barriers			Terminal shrouds ^{*(7)}		
		1NO+1NC	2NO+2NC	Simple	Double		(1 unit)	(2 units)	(3 units)			
		Code	Code	Code ^{*(e1)}	Code ^{*(e1)}	Code	Code	Code	Code	Code	Code	Code
1	DS-EC00	D5LAU01	D5LAU02	DS-CA11	DS-CE11	DR-EL11	DR-SF11	DR-SF12	DR-SF13	DR-CU11	DR-CU12	DR-CU13
2	DS-EC00	D5LAU01	D5LAU02	DS-CB21	DS-CF21	DR-EL21	DR-SF21	DR-SF22	DR-SF23	DR-CU21	DR-CU22	DR-CU23

^{*(5)} To be used as signaling or control contacts - Ie = 16A (resistive loads) 4A (inductive loads) at 250 Vac.

Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.

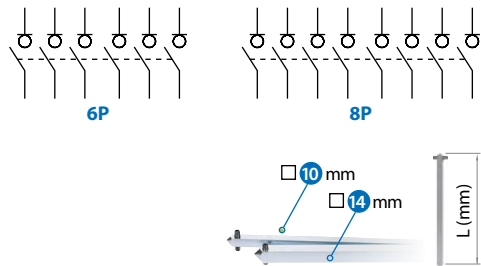
^{*(6)} Handle interlocked in OFF 0 position by using a key, that only can be removed when the handle is unlocked. Interlocking in other positions available under request.

^{*(7)} One set or one unit for input or output. Terminals shrouds for **S5N** only for frontal switch. These accessories aren't compatible with each other.

^{*(e1)} All these codes are related to the new handle . In case of replacements for old design handles, please consult.

Switch-disconnectors

S5M & S6N | BASE MOUNTING SWITCHES | 6 & 8P | 125A-1800A



Amp.	Size	Connection	6 pole (6P)	8 pole (8P)	Manual handle 			Shaft extensions ^{*(2)}		
					External ^{*(1)}	Direct	Emergency external ^{*(1)}		Type 1 & 2	
			Code	Code					L	Code ^{*(e1)}
125	0 (S5M)		S5M01256PS0	S5M01258PS0	DS-LA01	DS-SI01	DS-LR01	-	-	-
160			S5M01606PS0	S5M01608PS0						
200			S5M02006PS0	S5M02008PS0						
250	1 (S6N)		S6N02506PS0	S6N02508PS0	DS-SA11	DS-SI11	DS-SR11	10	375	DS-EP14
315			S6N03156PS0	S6N03158PS0					536	DS-EP15
400			S6N04006PD0	S6N04008PD0						
500			S6N05006PD0	S6N05008PD0						
630	2 (S6N)		S6N06306PS0	S6N06308PS0	DS-LA21	DS-LI21	DS-LR21	14	345	DS-EP23
800			S6N08006PD0	S6N08008PD0					535	DS-EP24
1000	3 (S5M)		S5M10006PC0	S5M10008PC0	DS-LA41	DS-LI41	DS-LR41	-	-	-
1250	4 (S6N)		S6N12506PS0	S6N12508PS0	DS-LA41	DS-LI41	DS-LR41	-	-	-
1600			S6N16006PS0	S6N16008PS0						
1800			S6N18006PS0	S6N18008PS0						

For Kit Motorized units - See pages 24-25.

^{*(1)} Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlocked by a padlock in OFF 0 position.

^{*(2)} A standard shaft is included with the external handle.

^{*(3)} To be used as signaling or control contacts – I_e = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.

 Please indicate in your order the switch code and the handle code, as these both products are managed separately.



Size	Shaft guide	Auxiliary contacts ^{*(3)}		Safety key lock device ^{*(4)}		Phase barriers ^{*(5)}			Terminal shrouds ^{*(5)} (1 unit)			Terminal shrouds ^{*(5)} (2 units)	
		1NO+1NC	2NO+2NC	Simple	Double	1 unit	2 units	3 units	Up 6P	Down 6P	Up or Down 8P	Only switches 	
		Code	Code	Code ^{*(e1)}	Code ^{*(e1)}	Code	Code	Code	Code	Code	Code	Code	
0 (S5M)	DS-EC00	DS-AU11	DS-AU12	DS-CAB1	DS-CEB1	-	-	-	DS-CU02	DS-CU03	DS-CU04	-	
									DS-CU02	DS-CU03	DS-CU04		
									DS-CU05	DS-CU06	DS-CU07		
1 (S6N)	DS-EC00	D5LAU01	D5LAU02	DS-CA11	DS-CE11	-	-	-	-	-	-	-	
2 (S6N)	DS-EC00	D5LAU01	D5LAU02	DS-CB21	DS-CF21	-	-	-	-	-	-	-	
3 (S5M)	DS-EC00	DS-AU11	DS-AU12	DS-CB21	DS-CF21	-	-	-	-	-	-	DS-CU31	
4 (S6N)	DS-EC00	D5LAU01	D5LAU02	DS-CB41	DS-CF41	DR-SF41	DR-SF42	DR-SF43	-	-	-	3P	DR-CU41
												4P	DR-CU42

^{*(4)} Handle interlocked in OFF 0 position by using a key, that only can be removed when the handle is unlocked. Interlocking in other positions available under request.

^{*(5)} One set or one unit for input or output. Terminals shrouds for **S5M** only for frontal switch. These accessories aren't compatible with each other.

^{*(e1)} All these codes are related to the new handle. In case of replacements for old design handles, please consult.

Changeover switches

Testing and approvals:    

All the changeover series offer a high operating load capacity and a high-level disconnection insulation, which ensures reliability and safety in

According to:

IEC 60947-3 | IEC 61439-2 | RoHS

unusual situations. The compact models are with visible cutoff and performed internally the common output without the need for external connections.

Direct or external

In blue colour



Base mounting

With screws



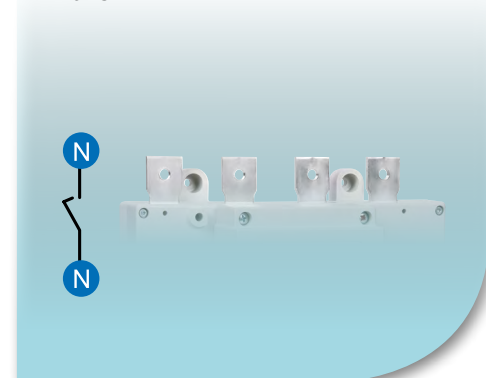
Possibility of incorporate

Different devices and accessories



Preventive security in all these series

Neutral pole early-make & late-break for 3P+N



CEC series

Compact efficient changeover switch.

3P & 3P+N.

Available from 63A up to 125A.

Modular design and reduced sized.

High electrical performance (AC23A).

Common output form the up (captive nut allows for a one-handed wire installation process).

Flexible mounting.



S5F series

3P & 3P+N.

Available from 125A up to 200A and from 1600A up to 3150A.

Back to back arrangement.



CCF series

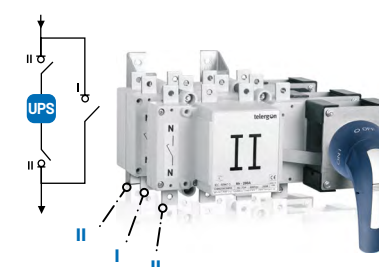
Compact changeover.

3P & 3P+N.

Available from 200A up to 1250A.

Visible cut-off.

Common output from the front.



S5B series

Bypass changeover.

3P & 3P+N.

Available from 125A up to 2000A.

Overlapped contacts I I + II II available under request.



UM-C series

Motorized unit kit 1 - 0 - 2.

- For **S5F** from 125A up to 200A and from 1600A up to 3150A.

- For **CCF** from 200A up to 1250A.

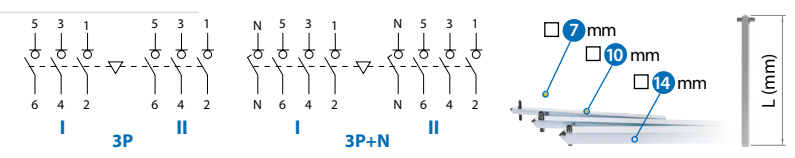
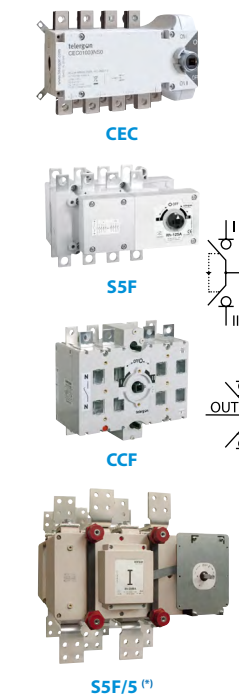
- For **S5B** from 125A up to 2000A.

One or two voltages depending on model
120 - 230 Vac (for DC values, please consult).

For further information, please see pages 24-25.

Changeover switches

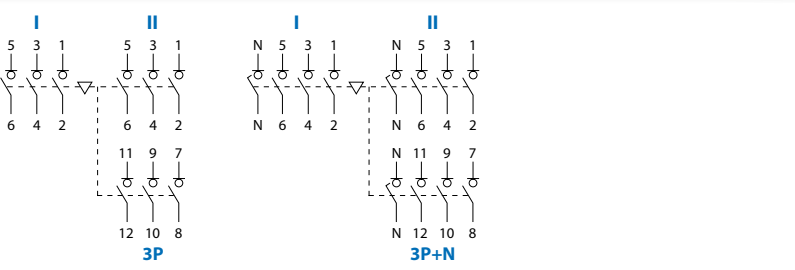
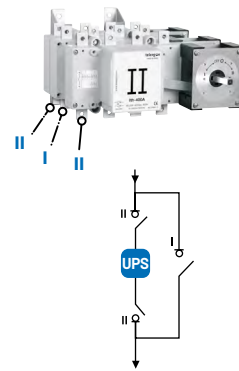
CEC, S5F & CCF SERIES
BASE MOUNTING CHANGEOVER SWITCHES
3 & 4P | 63A-3150A



Amp.	Size	Connection	Series	3P	3P+N ^{*(1)}	Manual handle 		Shaft extensions ^{*(4)}					
						External ^{*(3)}	Direct		Type 1 & 2				
									L	Code ^{*(e1)}			
63	00		CEC	CEC00633PB0	CEC00633NB0	DCELAB1	D5LSI01	7	347	DS-EP02			
63			CEC	CEC00633PS0	CEC00633NS0								
80			CEC	CEC00803PB0	CEC00803NB0								
80			CEC	CEC00803PS0	CEC00803NS0								
100			CEC	CEC01003PS0	CEC01003NS0								
125	0		CEC	CEC01253PS0	CEC01253NS0	D5LLA01	D5LSI01	7	250	DS-EP04			
125			S5F	S5F01253PS0	S5F01253NS0				387	DS-EP05			
160			S5F	S5F01603PS0	S5F01603NS0				10	375	DS-EP14		
200			S5F	S5F02003PS0	S5F02003NS0					536	DS-EP15		
200			CCF	CCF02003PS0	CCF02003NS0					14	345	DS-EP23	
250	1		CCF	CCF02503PS0	CCF02503NS0	DCCLA21	DCCLI21	535	DS-EP24				
315			CCF	CCF03153PS0	CCF03153NS0			345	DS-EP23				
400			CCF	CCF04003PS0	CCF04003NS0			535	DS-EP24				
500			CCF	CCF05003PS0	CCF05003NS0			DCCLA31	DCCLI31		14	535	DS-EP24
630	2		CCF	CCF06303PS0	CCF06303NS0					D5LLA31		D5LLI32	-
800			CCF	CCF08003PS0	CCF08003NS0								
1000			CCF	CCF10003PS0	CCF10003NS0								
1250	3		CCF	CCF12503PS0	CCF12503NS0								
1600			S5F	S5F16003PS0	S5F16003NS0								
1800	4		S5F	S5F18003PS0	S5F18003NS0	D5LLA31	D5LLI32	-	-	-			
2000			S5F	S5F20003PD0	S5F20003ND0								
2500		5		S5F	S5F25003PP0						S5F25003NP0	D5LEN51	DS-EI61
3150			S5F	S5F31503PP0	S5F31503NP0								

^(*) Option of straight terminal (...S0).

S5B SERIES
BYPASS CHANGEOVER SWITCHES
3 & 4P | 125A-2000A

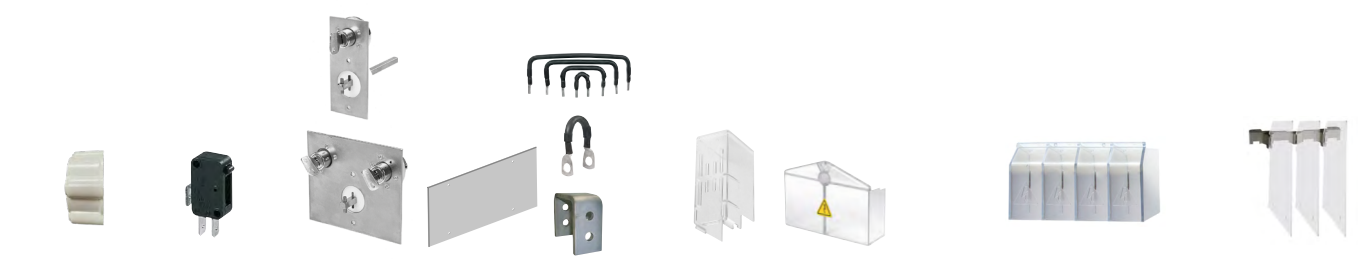


Amp.	Size	Connection	3P	3P+N ^{*(1)}	Manual handle	
			Code	Code	External ^{*(3)}	Direct
					Code	Code
125	0		S5B01253PS0	S5B01253NS0	D5LLA01	D5LSI02
160			S5B01603PS0	S5B01603NS0		
200			S5B02003PS0	S5B02003NS0		
250			S5B02503PR0	S5B02503NR0		
315	1		S5B03153PR0	S5B03153NR0	D5LLA11	D5LLI12
400			S5B04003PC0	S5B04003NC0		
500			S5B05003PR0	S5B05003NR0		
630	2		S5B06303PR0	S5B06303NR0	D5LLA21	D5LLI22
800			S5B08003PR0	S5B08003NR0		
1000			S5B10003PC0	S5B10003NC0		
1250	3		S5B12503PS0	S5B12503NS0	D5LLA31	D5LLI32
1600			S5B16003PS0	S5B16003NS0		
1800			S5B18003PS0	S5B18003NS0		
2000			S5B20003PD0	S5B20003ND0		

^{*(1)} Neutral pole early make & late break - 4P versions with "simultaneous contacts" are also available (please, consult).
^{*(2)} There are versions of changeover switches without OFF 0 position:
S5F (I - II) = S5D _____ - Please, consult.
CCF "overlapped" (I - I+II - II) = CCS _____ - Please, consult.
^{*(3)} Padlockable handle only in OFF 0 position.

Please indicate in your order the switch code and the handle code, as these both products are managed separately.

For Kit Motorized units - See pages 24-25.



Size	Shaft guide	Auxiliary contacts *(6)		Safety *(7) key lock device		Rear protective plate	Bridging links	Terminal shrouds *(8)				Terminal shrouds *(8) (1 unit)			Phase barrier *(8)		
		1NO+1NC	2NO+2NC	Simple	Double	Code	Code (4 units)	3P input	3P common output	4P input position I & II	4P common output	Up	Down	Up or Down	Only changeover switches 		
		Code	Code	Code	Code *(e1)			Code *(e1)	3P	3P	4P	4P	3P	3P	4P	3P	4P
									Code	Code	Code	Code	Code	Code	Code	Code	Code
00	-	DCEAUB1	-	-	-	-	-	-	-	-	-	-	-	-	DCECUB1	DCECUB2	
0	DS-EC00	DS-AU11	DS-AU12	D5LCBB1	D5LCFB1	-	D5LPC03	-	-	-	-	DS-CU02 DS-CU02 DS-CU05	DS-CU03 DS-CU03 DS-CU06	DS-CU04 DS-CU04 DS-CU07	DS-PB01 DS-PB01 DS-PB04	DS-PB02 DS-PB02 DS-PB03	
1	DS-EC00	D5LAU01	D5LAU02	D5LCB11	D5LCF11	3P DCCPP11	-	position I DM2CU12	DCCCU11	DM2CU13	DCCCU12	-	-	-	-	-	
						4P DCCPP12		position II DM2CU11									
2	DS-EC00	D5LAU01	D5LAU02	D5LCB21	D5LCF21	3P DCCPP21	-	position I DM2CU22	DCCCU21	DM2CU23	DCCCU22	-	-	-	-	-	
						4P DCCPP22		position II DM2CU21									
3	DS-EC00	D5LAU01	D5LAU02	D5LCB31	D5LCF31	3P DCCPP31	-	position I DM2CU32	DCCCU31	DM2CU33	DCCCU32	-	-	-	-	-	
						4P DCCPP32		position II DM2CU31									
4	DS-EC00	DS-AU11	DS-AU12	D5LCB41	D5LCF41	-	D5LPC42	-	-	DS-CU41	DS-CU41	-	-	-	-	-	
5	DS-EC00	DS-AU11	DS-AU12	D5LCB41	D5LCF41	-	-	-	-	-	-	-	-	-	-	-	



Size	Auxiliary contacts ^{*(6)}		Safety key lock device ^{*(7)}		Terminal ^{*(8)} protection	Terminal shrouds ^{*(8)} (2 units)	Terminal shrouds ^{*(8)} (1 unit)		
	1NO+1NC	2NO+2NC	Simple	Double	Code	Only changeover switches	Up 3P	Down 3P	Up or Down 4P
	Code	Code	Code ^{*(e1)}	Code ^{*(e1)}			Code	Code	Code
0	DS-AU11	DS-AU12	D5LCBB1	D5LCFB1	DS-CU01	-	DS-CU02	DS-CU03	DS-CU04
							DS-CU05	DS-CU06	DS-CU07
1	DS-AU11	DS-AU12	D5LCB11	D5LCF11	DS-CU12	DS-CU11	-	-	-
2	DS-AU11	DS-AU12	D5LCB21	D5LCF21	-	DS-CU21	-	-	-
3	DS-AU11	DS-AU12	D5LCB31	D5LCF31	-	DS-CU31	-	-	-
4	DS-AU11	DS-AU12	D5LCB41	D5LCF41	-	DS-CU41	-	-	-

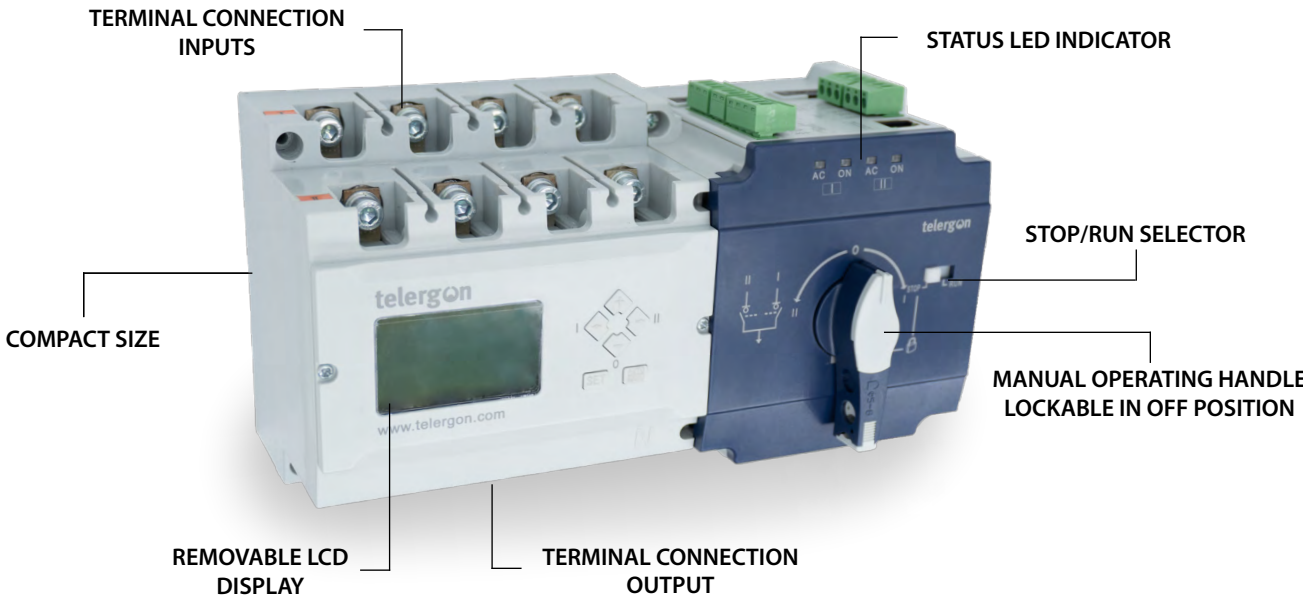
^{*(4)} A standard shaft is included with the external handle.
^{*(5)} There are versions of bypass changeover switch without OFF 0 position "overlapped":
S5B "overlapped" (I - I + II - II) = S5S _____ - Please, consult.
^{*(6)} To be used as signaling or control contacts - Ie = 16A (resistive loads) 4A (inductive loads) at 250 Vac.
Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.
^{*(7)} Handle interlocked in OFF 0 position by using a key, that only can be removed when the handle is unlocked.
^{*(8)} One set or one unit for input or output. Terminals shrouds for S5B and S5F only for frontal switch. These accessories aren't compatible with each other.
^{*(e1)} All these codes are related to the new handle. In case of replacements for old design handles, please consult.

INTERRUPTOR DE TRANSFERENCIA AUTOMÁTICA

NEW
series **ATS**



- Maintenance free
- Easy installation and operation
- High short-circuit withstand capacity
- Quick-make and quick-break operation
- High electrical and mechanical reliability



NEW

► SERIE C1 | 3P & 3P+N | 63A-630A



Size	Amp	Connection	Type G		Type C		Display
			3P	3P+N	3P	3P+N	Code
00	63		C1-00633PSMGB	C1-00633NSMGB	C1-00633PSMCB	C1-00633NSMCB	DC1DP01*1
	80		C1-00803PSMGB	C1-00803NSMGB	C1-00803PSMCB	C1-00803NSMCB	
	100		C1-01003PSMGB	C1-01003NSMGB	C1-01003PSMCB	C1-01003NSMCB	
	125		C1-01253PSMGB	C1-01253NSMGB	C1-01253PSMCB	C1-01253NSMCB	
0	160		C1-01603PSMGB	C1-01603NSMGB	C1-01603PSMCB	C1-01603NSMCB	
1	250		C1-02503PSMGB	C1-02503NSMGB	C1-02503PSMCB	C1-02503NSMCB	
2	400		C1-04003PSMGB	C1-04003NSMGB	C1-04003PSMCB	C1-04003NSMCB	
	630		C1-06303PSMGB	C1-06303NSMGB	C1-06303PSMCB	C1-06303NSMCB	

*1 Display available only for type C.



► SERIE C2 | 3P & 3P+N | 63A-630A



Size	Amp	Connection	3P	3P+N	Shrouds	Display
			Code	Code	Code	Code
00	63		C2-00633PBDDT	C2-00633NBDDT	-	DC1DP01
	80		C2-00803PBDDT	C2-00803NBDDT	-	
0	100		C2-01003PTDDT	C2-01003NTDDT	DC2CU01	
	125		C2-01253PTDDT	C2-01253NTDDT		
1	160		C2-01603PTDDT	C2-01603NTDDT	DC2CU11	
	250		C2-02503PTDDT	C2-02503NTDDT		
2	400		C2-04003PTDDT	C2-04003NTDDT	DC2CU21	
	630		C2-06303PTDDT	C2-06303NTDDT		



Motorized switch-disconnectors & changeover

Testing and approvals:  

Motorized units to automate the drive system of the switch-disconnectors, changeover switches and by-pass changeover switches. The kit concept simplifies

According to:
IEC 60947-1&3 | RoHS | European Standard 2014/35/UE
European standard 2014/30/UE of EMC.

both logistics and maintenance, since allows an easy and simple assembly. All the series are equipped with a selector for automatic-manual-lock operating modes.



UM-S series

Supply voltage - 230 Vac ^{*(1)}.

For switch-disconnectors:

S5 Sizes 1-2 | 3P & 3P+N ready to motorize (250A... 800A).

S6 Sizes 1-2 | 2P, 3P & 3P+N ready to motorize (200A... 800A).

S6N Size 1 | 6P & 8P ready to motorize (250A... 500A).

^{*(1)} Consult for DC values, please.



Supply voltage 120 - 230 Vac ^{*(1)} with MODBUS.

For switch-disconnectors:

S5 Size 3 | 3P & 3P+N ready to motorize (1000A).

S6 Size 4 | 3P & 3P+N ready to motorize (1250A... 1800A).

S6N Size 2 | 6P & 8P ready to motorize (630A... 800A).

S5M Size 3 | 6P & 8P ready to motorize (1000A).

^{*(1)} Consult for DC values, please.



UM-C series

Supply voltage 230 Vac ^{*(1)}.

For changeover switches:

S5F Size 0 | 3P & 3P+N standard (125A... 200A).

CCF Size 1 | 3P & 3P+N standard (200A...400A)

CCF Size 2 | 3P & 3P+N standard (500A... 800A).

S5B Size 0 | 3P & 3P+N standard (125A... 200A).

S5B Size 1 | 3P & 3P+N ready to motorize (250A... 400A).

^{*(1)} Consult for DC values, please.



Supply voltage 120 - 230 Vac ^{*(1)} with MODBUS

For changeover switches:

CCF Size 2 | 3P & 3P+N standard (500A... 800A).

CCF Size 3 | 3P & 3P+N standard (1000A...1250A)

S5F Sizes 4-5 | 3P & 3P+N standard (1600A... 3150A)

S5B Sizes 2-3 | 3P & 3P+N ready to motorize (500A... 1000A)

S5B Size 4 | 3P & 3P+N standard (1250A... 2000A).

^{*(1)} Consult for DC values, please.

Kit motorized unit for switch-disconnectors & changeover switches

S5 SERIES | SWITCHES | 3 & 4P | 250A-1000A



S5



UM



UM (MODBUS)

Amp.	Size	Connection	3P	3P+N ^{*(1)}	UM-S Motorized unit kit (O - I) ^{*(2)}	
					120Vac ^{*(3)}	230Vac ^{*(3)}
			Code	Code	Code	Code
250	1		S5-02503PRC	S5-02503NRC	-	UM-S1A230Z
315			S5-03153PRC	S5-03153NRC		
400			S5-04003PCC	S5-04003NCC		
500	2		S5-05003PRC	S5-05003NRC	-	UM-S2A230Z
630			S5-06303PRC	S5-06303NRC		
800			S5-08003PCC	S5-08003NCC		
1000	3		S5-10003PCC	S5-10003NCC	 UM-S31120M	 UM-S31230M

For Kit Motorized Units for Size 4 & 5, please consult.



UM + S5 sizes 1 - 2 normal mounting



UM + S5 size 3 normal mounting

S6 SERIES | SWITCHES | 2, 3 & 4P | 200A-1800A

 S6	Amp.	Size	Connection	2P	3P	3P+N ^{*(1)}	UM-S Motorized unit kit (O - I) ^{*(2)}
							230Vac ^{*(3)}
				Code	Code	Code	Code
 UM	200	1		S6-02002PSC	S6-02003PSC	S6-02003NSC	UM-S1A230Z
	250			S6-02502PSC	S6-02503PSC	S6-02503NSC	
	315			S6-03152PSC	S6-03153PSC	S6-03153NSC	
	400			S6-04002PDC	S6-04003PDC	S6-04003NDC	
	500	2		S6-05002PSC	S6-05003PSC	S6-05003NSC	UM-S2A230Z
	630			S6-06302PSC	S6-06303PSC	S6-06303NSC	
	800			S6-08002PDC	S6-08003PDC	S6-08003NDC	
	1250		-	S6-12503PSC	S6-12503NSC		
	1600	4	-	S6-16003PSC	S6-16003NSC	UM-S47230M	
	1800		-	S6-18003PSC	S6-18003NSC		

 UM + S6 sizes 1 - 2 normal mounting

 UM + S6 size 4 normal mounting

S5M & S6N SERIES | SWITCHES | 6 & 8P | 125A-2000A



S6N



S5M



UM
(MODBUS)



UM

Amp.	Size	Connection	6P	8P	UM-S Motorized unit kit (O - I) ^{*(2)}	
					120Vac ^{*(3)}	230Vac ^{*(3)}
			Code	Code	Code	Code
250	1 (S6N)		S6N02506PSC	S6N02508PSC	-	UM-S2A230Z
315			S6N03156PSC	S6N03158PSC		
400			S6N04006PDC	S6N04008PDC		
500			S6N05006PDC	S6N05008PDC		
630			S6N06306PSC	S6N06308PSC		
800	2 (S6N)		S6N08006PDC	S6N08008PDC	 UM-S26120M	 UM-S26230M
1000	3 (S5M)		S5M10006PCC	S5M10008PCC	 UM-S35120M	 UM-S35230M

For Kit Motorized Units for S6 Size 4, please consult.

 **UM** + **S6N** normal mounting
  **UM** + **S5M** size 3 normal mounting
  **UM** + **S5M** size 3 inverted mounting (please consult UM codes)

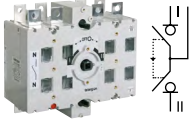
^{*(1)} Neutral pole early make & late break - 4P versions with “simultaneous contacts” are also available (please, consult).

^{*(2)} **UM** Kit code is just available for the standard corresponding switch or changeover-switch. Please, consult for a different type of mounting or different code of switch or **UM** kit.

^{*(3)} For DC values, please consult.

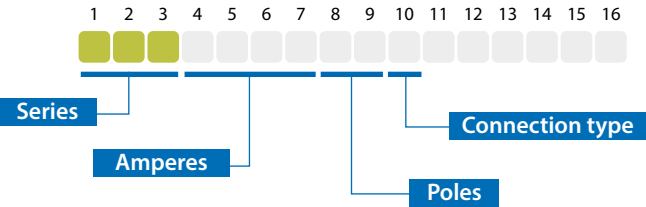
 For all solutions, please indicate in your order the switch code and the **UM** Kit code, as these both products are managed separately.

S5F & CCF SERIES | MOTORIZED CHANGEOVER SWITCHES | 3 & 4P | 125A-3150A

 S5F	 CCF
--	--

Enclosed solutions

Switch-disconnectors and changeover switches in metal enclosures with external padlockable handle in OFF 0 position and the highest protection standards.



CIS25C series

Metal enclosed switch.
3P or 3P+N.
Available from 40A up to 3150A.
Protection rating IP55 - IP65.

Possibility of unlocking the door in ON I position (with the use of a tool).
Opening of the door also can be blocked by padlock in OFF 0 position.



CTR2 series

Metal enclosed changeover switch.
3P or 3P+N.

Available from 63A up to 3150A.
Protection rating IP55 - IP65.

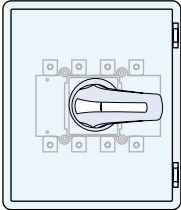


CTRCCC & CTRCFC series

Metal enclosed changeover switch 3P+N with gen-set control module integrated and motorized unit.
Operated by motorized unit.
Control module mounted on the door:
For the generators control with automatic switching Mains – Gen set.
Configurable through programming software.

Available from 125A up to 2000A.
Back to back model.
Protection rating IP54.
Power section protected against accidental contacts.
Manual handle included (for emergency operation or maintenance).

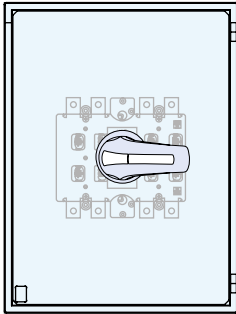
CIS25C SERIES | ENCLOSED SWITCH-DISCONNECTORS



Size	Amp.	3P	3P+N ^{*(2)}
		Code	Code
00	40	CIS25C00403PB	CIS25C00403NB
	63	CIS25C00633PB	CIS25C00633NB
	80	CIS25C00803PB	CIS25C00803NB
0	125	CIS25C01253PB	CIS25C01253NB
	160	CIS25C01603PB	CIS25C01603NB
	200	CIS25C02003PS	CIS25C02003NS
1	250	CIS25C02503PR	CIS25C02503NR
	315	CIS25C03153PR	CIS25C03153NR
	400	CIS25C04003PC	CIS25C04003NC
2	630	CIS25C06303PR	CIS25C06303NR
3	800	CIS25C08003PR	CIS25C08003NR
4	1000	CIS25C10003PS	CIS25C10003NS
	1250	CIS26C12503PS	CIS26C12503NS
	1600	CIS26C16003PS	CIS26C16003NS
5	1800	CIS26C18003PS	CIS26C18003NS
	2000	CIS26C20003PS ^{*(3)}	CIS26C20003NS ^{*(3)}
	2500	CIS26C25003PS ^{*(3)}	CIS26C25003NS ^{*(3)}
	3150	CIS26C31503PS ^{*(3)}	CIS26C31503NS ^{*(3)}

^{*(2)} Neutral pole early make-late break.
^{*(3)} IP55.

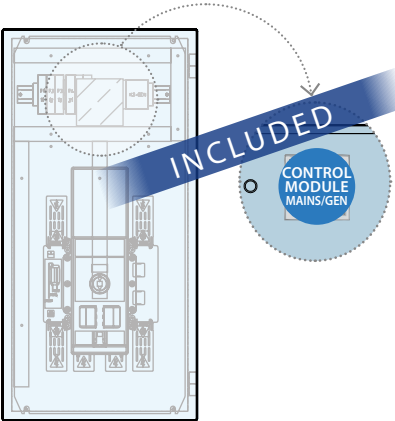
CTR2 SERIES | ENCLOSED CHANGEOVER SWITCHES



Size	Amp.	3P	3P+N ^{*(2)}
		Code	Code
00	63	CTR2EC00633PS	CTR2EC00633NS
	80	CTR2EC00803PS	CTR2EC00803NS
	100	CTR2EC01003PS	CTR2EC01003NS
0	125	CTR2EC01253PS	CTR2EC01253NS
	160	CTR2FC01603PS	CTR2FC01603NS
	200	CTR2FC02003PS	CTR2FC02003NS
1	250	CTR2CC02503PS	CTR2CC02503NS
	315	CTR2CC03153PS	CTR2CC03153NS
	400	CTR2CC04003PS	CTR2CC04003NS
2	500	CTR2CC05003PS	CTR2CC05003NS
	630	CTR2CC06303PS	CTR2CC06303NS
	800	CTR2CC08003PS	CTR2CC08003NS
3	1000	CTR2CC10003PS	CTR2CC10003NS
	1250	CTR2CC12503PS	CTR2CC12503NS
	1600	CTR2FC16003PS	CTR2FC16003NS
4	1800	CTR2FC18003PS	CTR2FC18003NS
	2000	CTR2FC20003PD	CTR2FC20003ND
5	2500	CTR2FC25003PP ^{*(2)}	CTR2FC25003NP ^{*(2)}
	3150	CTR2FC31503PP ^{*(2)}	CTR2FC31503NP ^{*(2)}

^{*(1)} Neutral pole early make-late break.
^{*(2)} IP55.

CTR SERIES | ENCLOSED CHANGEOVER SWITCHES WITH MOTORIZED UNIT AND CONTROL MODULE



Amp.	3P+N ^{*(1)}
	Code
125	CTRFC01253NSBJ
200	CTRFC02003NSBJ
250	CTRCCC02503NSBJ
400	CTRCCC04003NSBK
630	CTRCCC06303NSBK
1000	CTRCCC10003NSBK
1250	CTRCCC12503NSBK
1600	CTRFC16003NSBK
2000	CTRFC20003NDBK

^{*(1)} Neutral pole early make-late break.

Fuse Switch-Disconnectors

Testing and approvals:     

Our two switch-disconnectors with fuses series –M3 & M21– offer both a high operating load capacity and a high level of insulation. M21 series consist of a sandwich-type body with

According to:

IEC 60947-3 | IEC 61439-2 | UL98 | RoHS

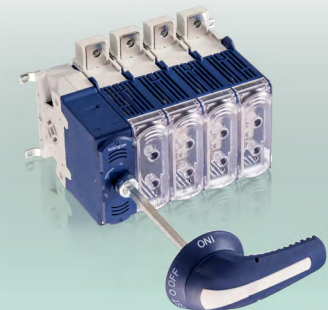
Different handles

Depending on the installation mode (panel or direct)



M3 series

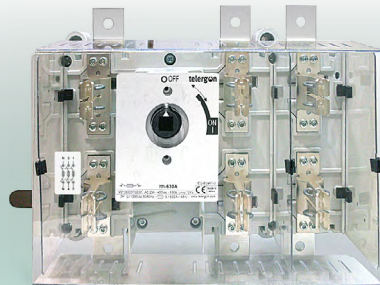
Fully modular range with compact design



external housings to insert fuses according to the appropriate format, while M3 series is a new fully modular range of switch-disconnectors with fuses, conceived to be the most compact products in the market.

Extreme safety

The interlocked fuse protection covers cannot be opened while the switch is in "ON" position.



Possibility of incorporate

Different devices and accessories



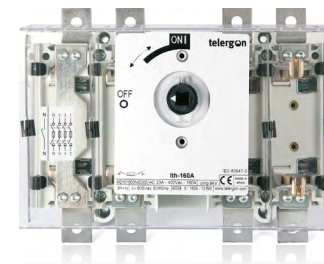
M3 series

2P, 3P & 3P+N | 3P+DN.

Up to 250A.

Including the possibility of detachable neutral (3P+DN).

For different fuses standards.



M21 series

3P & 3P+N.

Available from 400A up to 800A.

Compact model.

Fuse links: NH/DIN and BS.



CIF22C & CIF23C series

Metal enclosed fuse switch 3P & 3P+N

Available from 63A up to 800A

Protection rating IP65.

Polyester available

External padlockable handle with locking door in ON 1 position.

Removing door blocked by padlock when handle is in OFF 0 position.

DC switch-disconnectors

Testing and approvals:     



All the DC series offer accurate specifications for photovoltaic applications, as well as a high level of insulation and safety.

According to:
IEC 60947-1&3 | UL508i* | UL98B* | RoHS
* under request

CRS Firefighter Safety Switch

The perfect solution to protect residential, industrial or commercial photovoltaic systems



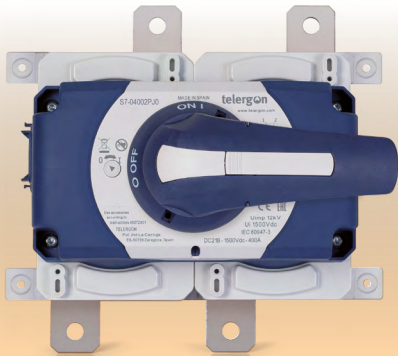
Diverse sizes & models



All of them present an easy assembly, which allows a faster installation, while the dimensions and weight are in all cases fully optimized.

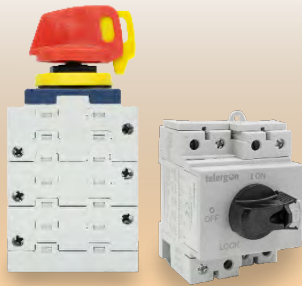
S7 series

High performance switch-disconnector capable of reaching 500A - 1500 Vdc (750 Vdc per pole)



Compact series

Different mounting options



F1 series

1500V
Lockable at OFF position
Different type of mounting
IP66 degree of protection
32A



F7 series

1500 V
Modular design, available 2 up to 10 levels.
Dynamic sealing design and world class sealing materials for an IP66 protection.
13A-50A



CRS Firefighter Safety switch

Temperature sensor shut down exceeding 70°C inside the enclosure
IP66
Suitable up to 5 circuits/strings
Maximum circuit current 38A



S6 DC series

U_e MAX 1000 Vdc I_e MAX 630 A DC 21B.
1P & 2P.
Different configurations input/output.
Non polarized.



S5 & S5N DC series

U_e MAX 1000 Vdc I_e MAX 3150 A DC 21B.
4P.
Non polarized.
S5N: Back to back arrangement with operating mechanism in front (4P +4P).
From 2000A up to 3150A.



S7 DC series

U_e MAX 1500 Vdc I_e MAX 500 A DC 21B pure 2P.
Maximized electrical performance.
Easy to install and maintain.



S5M series

U_e MAX 1500 Vdc I_e MAX 1800A DC 21B.
4P+4P.
Back to back with operating mechanism inside.



DC switch-disconnectors **NEW**



Type	2P	4P	4B	4T	4S
Contacts Wiring graph					

► **F1 SERIES** | DIN-RAIL MOUNTING (DB)



Amp	Poles	Code	DF1CUA1
32	2P	F1-00322P1DB	
32	4P	F1-00324P1DB	
32	4B	F1-00324B1DB	
32	4T	F1-00324T1DB	
32	4S	F1-00324S1DB	

► **F1 SERIES** | PANEL MOUNTING (PM)



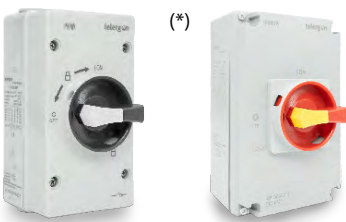
Amp	Poles	Code	Code	Code	DF1CUA1
32	2P	F1-00322P4PM	F1-00322P3PM	F1-00322P2PM	
32	4P	F1-00324P4PM	F1-00324P3PM	F1-00324P2PM	
32	4B	F1-00324B4PM	F1-00324B3PM	F1-00324B2PM	
32	4T	F1-00324T4PM	F1-00324T3PM	F1-00324T2PM	
32	4S	F1-00324S4PM	F1-00324S3PM	F1-00324S2PM	

► **F1 SERIES** | DOOR INTERLOCK (DC)



Amp	Poles	Code	Code	Code	DF1CUA1
32	2P	F1-00322P4DC	F1-00322P3DC	F1-00322P2DC	
32	4P	F1-00324P4DC	F1-00324P3DC	F1-00324P2DC	
32	4B	F1-00324B4DC	F1-00324B3DC	F1-00324B2DC	
32	4T	F1-00324T4DC	F1-00324T3DC	F1-00324T2DC	
32	4S	F1-00324S4DC	F1-00324S3DC	F1-00324S2DC	

► **F1 SERIES** | ENCLOSED SOLUTIONS



Amp	Poles	Code	Code	Code	Code
32	2P	F1-00322P3EP	F1-00322P3EA	F1-00322P3EA	F1-00322P3EA
32	4P	F1-00324P3EP	F1-00324P3EA	F1-00324P3EA	F1-00324P3EA
32	4B	F1-00324B3EP	F1-00324B3EA	F1-00324B3EA	F1-00324B3EA
32	4T	F1-00324T3EP	F1-00324T3EA	F1-00324T3EA	F1-00324T3EA
32	4S	F1-00324S3EP	F1-00324S3EA	F1-00324S3EA	F1-00324S3EA

(*) For emergency handle, please consult.

series

CRS

Firefighter Safety Switch

CRS/1
Strings: 1 or 2

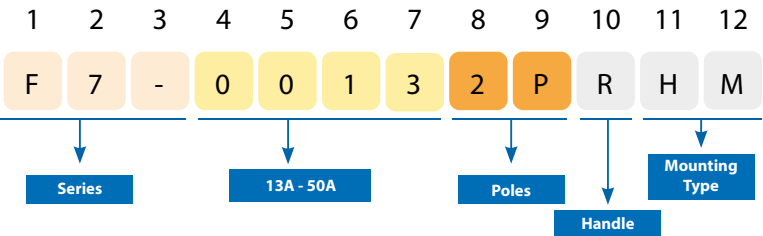
CRS/2
Strings: 3, 4 or 5

► **CRS SERIES** | FIREFIGHTER SAFETY SWITCH

- Suitable up to 5 strings / circuits
- Maximum circuit current 38A
- Maximum cricuit voltage 1500vdc
- Protection degree IP66
- *1 **Poles:** 2P (02P), 4P (04P), 6P (06P), 8P (08P), 10P (10P)
- Isolation switch is TUV, CE, CB, SAA certificated
- Waterproof vent valve to avoid condensation inside the enclosure
- Built in temperature sensor that allows automatic shut down of the system when reaching 70°C inside the enclosure

According to IEC60947-3 (ed.3.2):2015, UL508i. Utilization category DC-PV1			Poles	Strings	Code
800V	1000V	1500V			
38A	38A	32A	2	1	CRS005002P0
38A	38A	32A	4	2	CRS005004P0
38A	38A	32A	6	3	CRS005006P0
38A	38A	32A	8	4	CRS005008P0
38A	38A	32A	10	5	CRS005010P0

► **F7 SERIES** | SWITCHES | 13A-50A **NEW**



- Modular design, available 2 up to 10 levels.
- Dynamic sealing design and world class sealing materials for an IP66 protection.
- From 13 A up to 50 A
- **Handle:** Lockable (R) or without out lock (0)
- **Mounting Type:** Single Hole Mounting (HM), Panel Mounting (PM), Distribution Board (DB), Door Clutch (DC).



DC switch-disconnectors

S6 DC SERIES | SWITCHES | 1P & 2P | 125A-630A

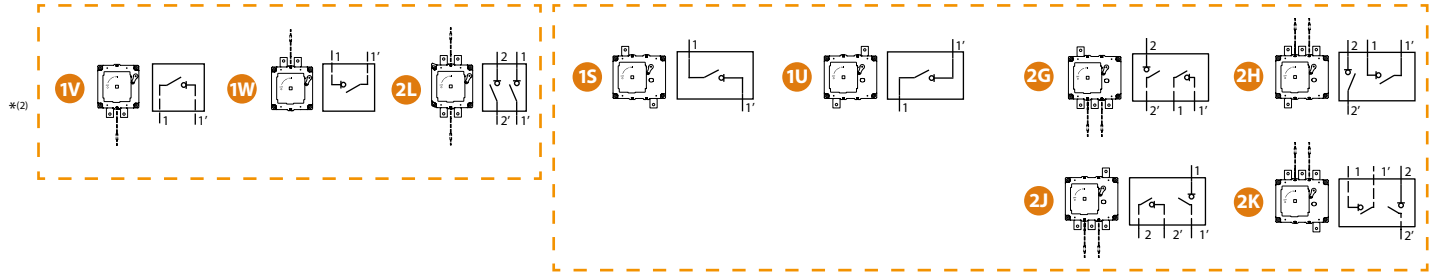


1P 2P *(2)	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	Diagram *(2)	Manual handle	
	Ue				Code	External*(1) Code	Direct Code
	500V - 750V - 1000V DC21B	125	1		S6-0125_S0	DS-SA11	DS-SI11
		160			S6-0160_S0		
		200			S6-0200_S0		
		250			S6-0250_S0		
		315			S6-0315_S0		
		400			S6-0400_D0		
		500			S6-0500_S0		
	500V - 750V - 1000V DC21B	630	2		S6-0630_S0	DS-LA21	DS-LI21
		250			S6-0250_S00L*		
		400			S6-0400_S00L*		

*References only UL.

500Vdc

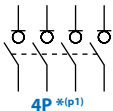
750Vdc



S5 & S5N SERIES | SWITCHES | 4P | 850A-3150A

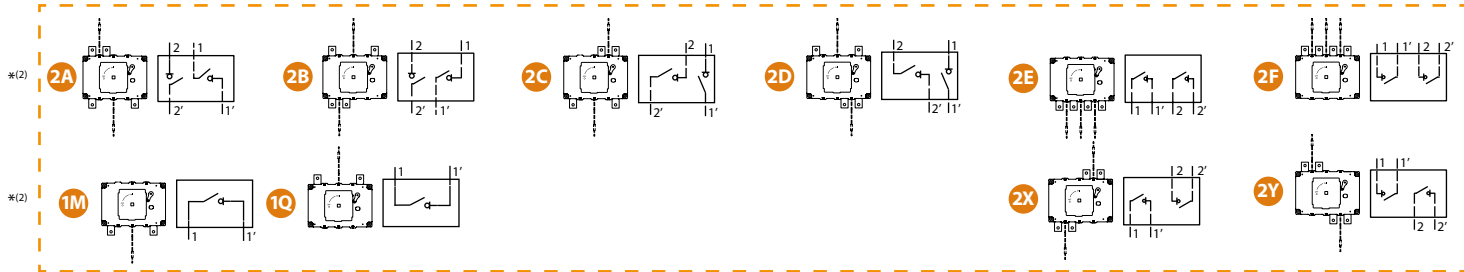


4P *(p1)	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	4 pole (4P) *(p1)	Manual handle	
	Ue				Code	External*(1) Code	Direct Code
	1000V DC21B	850	3		S5-12504PC0	DS-LA31	DS-LI31
		1250			S5-12502EC0		
		1250	4		S5-18004PS0	DS-LA41	DS-LI41
		1800			S5-18002ES0		
		2000			S5-20002ED0		
4P + 4P *(p1)		2000	5 (S5N)		S5N20002ES0	DS-LA41	DS-LI41
		2500			S5N25002ES0		
		3150			S5N31502ES0		



Size	Shaft extensions ^{*(3)}			Shaft guide	Auxiliary contacts ^{*(5)}		Safety key lock device ^{*(6)}		Spacers (4 units)	Terminal lug (2 units)	Terminal shrouds (1 unit) ^{*(4)}			Phase barriers		
		Type 1 & 2			1NO+1NC	2NO+2NC	Simple	Double						1 unit	2 units	3 units
		L	Code ^{*(e1)}		Code	Code	Code	Code ^{*(e1)}						Code ^{*(e1)}	Code	Code
1	10	375	DS-EP14	DS-EC00	D5LAU01	D5LAU02	DS-CA11	DS-CE11	DR-EL11	-	DR-CU11	DR-CU12	DR-CU13	DR-SF11	DR-SF12	DR-SF13
		536	DS-EP15													
2	14	345	DS-EP23	DS-EC00	D5LAU01	D5LAU02	DS-CB21	DS-CF21	DR-EL21	-	DR-CU21	DR-CU22	DR-CU23	DR-SF21	DR-SF22	DR-SF23
		535	DS-EP24													
1	10	375	DS-EP14	DS-EC00	D5LAU01	D5LAU02	-	-	DR-EL11	DR-TL11	DR-CU11	DR-CU12	DR-CU13	DR-SF11	DR-SF12	DR-SF13
		536	DS-EP15													
2	14	345	DS-EP23	DS-EC00	D5LAU01	D5LAU02	-	-	DR-EL21	DR-TL22	DR-CU21	DR-CU22	DR-CU23	DR-SF21	DR-SF22	DR-SF23
		535	DS-EP24													

1000Vdc



Size	Shaft extensions *(3)		Bridging links *(p1)		Auxiliary contacts *(5)		Terminal protection		Terminal shrouds (2 units) *(4)
	□	Type 1 & 2	Code	Code	1NO+1NC Code	2NO+2NC Code	Connection	Code	Code
		L Code *(e1)							
3	14	345	DS-EP23		DS-PI31	D5LAU01	-	-	DS-CU30 DS-CU31 DS-CU38 DS-CU39 DS-CU40 DS-CU41 DS-CU48 DS-CU49
		535	DS-EP24						
4	14	485	DS-EP44		DS-PI41 (S5-18004PS0) DS-PI4D (S5-18002ES0-S5-20002ED0)	D5LAU01	-	-	
		635	DS-EP45						
5 (S5N)	-	-	-		DS-PI51 + D5LPC45 DS-PI51 + D5LPC45 DS-PI4D + D5LPC45 (x2)	D5LAU01	-	-	-
		-	-						



DC switch-disconnectors

S7 DC SERIES | HIGH-PERFORMANCE SWITCHES | 2P | 160A-500A



2P	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	2P
	Ue				Code
1500 V DC21B		160	1		S7-01602PS0
		200			S7-02002PS0
		250			S7-02502PS0
		315			S7-03152PS0
		400			S7-04002PS0
1500 V DC UL98B		500			S7-05002PS0
		250			S7-02502PS00L*
		320			S7-03202PS00L*
		400			S7-04002PS00L*
		500			S7-05002PS00L*

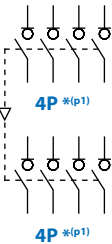
* References only UL.
*(2) For side operation, please consult.



S5M & S5N SERIES | SWITCHES | 4P+4P | 630A-1800A



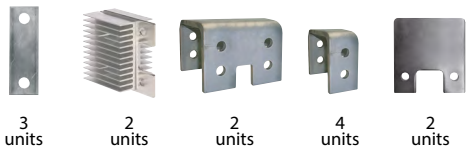
4P + 4P *(p1)	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	4P + 4P *(p1)	Manual handle	
	Ue				Code	External *(1)	Direct
1500V DC21B		630	2		S5M080044C0	DS-LA22	DS-LI22
		800	3		S5M080044R0	DS-LA41	DS-LI41
		1000			S5M125044C0	DS-LA41	DS-LI41
		1250	4 (S5N)		S5N160044S0	DS-LA41	DS-LI41
		1800			S5N180044S0	DS-LA41	DS-LI41



*(1) Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlocked by a padlock in OFF 0 position.
*(p1) In order to comply with the operation and electrical features, the bridging links must be assembled to the switch.
For references S6N | 2P, S6R | 1P & 2P, please consult Commercial Department.
*(2) To be used as signaling or control contacts – Ie = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.
*(3) Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlocked by a padlock in OFF 0 position.
*(4) A standard shaft is included with the external handle.
*(e1) All these codes are related to the new handle , in case of replacements for old design handles, please consult.
*(e2) Only IEC.



Size	Manual handle		Auxiliary contacts *(5)		Captive Nut	Spacer Fixing Brackets
	External*(1)	Direct	1NO+1NC	2NO+2NC	Code *(e2)	2 units
	Code	Code	Code	Code		Code
1	DS-SA11	DS-SI11	DM-AU11	DM-AU12	-	DM-EL11
					DM-PT11	
					DM-PT12	
					-	
					-	

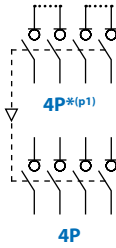


Bridging links *(p1)			Auxiliary contacts *(2)	
Size		Code	1NO+1NC	2NO+2NC
			Code	Code
2		DS-PI230L	DS-AU11	DS-AU12
		DS-PI2D		
3		DS-PI3D	DS-AU11	DS-AU12
4 (S5N)		DS-PI430U	D5LAU01	D5LAU02
		DS-PI4D		

Changeover AC | DC & DC | DC

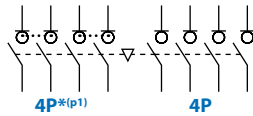
Testing and approvals:    

► S5F AC/DC SERIES | CHANGEOVER SWITCHES BASE MOUNTING | 4P + 4P | 160A-630A



4P + 4P	Rated operational voltage		Size	Connection	4P + 4P ^{*(p1)}	Manual handle 		UM-C Motorized unit kit (I - O - II)
	DC	AC				External ^{*(1)}	Direct	
	DC21B	Amp				Code	Code	
	50 A/800V	160			S5F01604PS0PA4	D5LLA01	D5LSI01	UM-C0A230Z
	160 A/1000V	200			S5F02004PR0PA4	D5LLA11	D5LLI12	UM-C15230Z
	250 A/1000V	315	1		S5F03154PR0PA4	D5LLA11	D5LLI12	UM-C15230Z
	400 A/1000V	400			S5F04004PC0PA4	D5LLA11	D5LLI12	UM-C15230Z
	630 A/1000V	500	2		S5F06304PR0PA4	D5LLA21	D5LLI22	UM-C25230M

► S5L AC/DC SERIES | CHANGEOVER SWITCHES BASE MOUNTING | 4P + 4P | 160A-315A



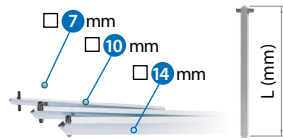
4P + 4P	Rated operational voltage		Size	Connection	4P + 4P ^{*(p1)}	Manual handle 	
	DC	AC				External ^{*(1)}	Direct
	DC21B	Amp				Code	Code
	50 A/800V	160			S5L01604PB0PA4	D5LLA01	D5LSI01
	160 A/1000V	200			S5L02004PR0PA4	D5LLA11	D5LLI12
	250 A/1000V	315	1		S5L03154PR0PA4	D5LLA11	D5LLI12

► DC|DC CHANGEOVER SWITCHES

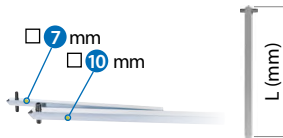
- DC** - 1000Vdc | S5F 160A up to 630A.
- DC** - 1000Vdc | S5L 160A up to 250A.
- DC** - 1500Vdc | 250A up to 315A.
- DC** - 4P+4P.
- DC** - For customization and other amperages, please consult.



According to:
IEC 60947-3 | RoHS



Size	Shaft extensions ^{*(2)}			Auxiliary contacts ^{*(3)}		Bridging links ^{*(p1)}	
		Type 1 & 2		1NO+1NC	2NO+2NC	Connection	2 units
		L	Code ^{*(e1)}	Code	Code	Code	Code
		7	250	DS-EP04	DS-AU11	DS-AU12	
0	7	250	DS-EP04	DS-AU11	DS-AU12		DS-PI11
1	10	375	DS-EP14	DS-AU11	DS-AU12		DS-PI11
							DS-PI14
2	14	345	DS-EP23	DS-AU11	DS-AU12		DS-PI21



Size	Shaft extensions ^{*(2)}			Auxiliary contacts ^{*(3)}		Bridging links ^{*(p1)}	
		Type 1 & 2		1NO+1NC	2NO+2NC	Connection	2 units
		L	Code ^{*(e1)}	Code	Code	Code	Code
		0	7	250	DS-EP04	D5LAU01	D5LAU02
1	10	375	DS-EP14	D5LAU01	D5LAU02	 	DS-PI11

^{*(1)} Padlockable handle in OFF position. Possibility of unlocking the door in ON position(with the use of a tool). Door interlock by a padlock in OFF 0 position

^{*(2)} Other configurations are available. Please, consult.

^{*(3)} For use as signaling and control contacts. In closing operation, they switch after the main contacts.
In opening operation, they switch before the main contacts. Ie= 16 (4) A (250 V).

^{*(p1)} In order to comply with the operation and electrical features, the bridging links must be assembled to the switch.

 Please indicate in your order the switch code and the handle code, as these both products are managed separately.

DC ISOLATION ONLY

Testing and approvals: CE cULus IEC

S5 DC & S6 DC SERIES | DISCONNECTORS | 1P | 160A-2000A

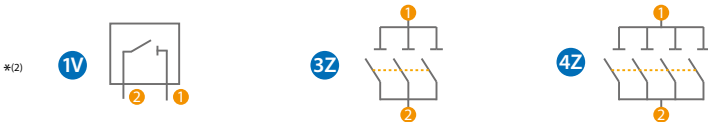


S5 DC ISOLATION ONLY



S6 DC ISOLATION ONLY

1P *(p1)	Rated operational voltage	Rated operational current le (A)	Size	Connection	Unipolar (1P) *(p1)		Manual handle ISOLATION ONLY	
	Ue				Code	Diagram	External*(1)	Direct
							Code	Code
1500V DC20A	1	160	1		S6-01601VS0P38	1V	DS-SA11T	DS-SI11T
		200			S6-02001VS0P38	1V		
		250			S6-02501VS0P38	1V		
		400			S6-04001VD0P38	1V		
		800			S5-04003ZC0P38	3Z		
	2	1000	1		S5-04004ZC0P38	4Z	DS-SA11T	DS-SI11T
		630			S6-06301VS0P38	1V		
		1600			S5-08004ZC0P38	4Z		
		2500			S5-12504ZC0P38	4Z		



S5 DC & S6 DC SERIES | DISCONNECTORS | 2P | 160A-3150A



S5 DC ISOLATION ONLY

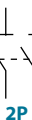
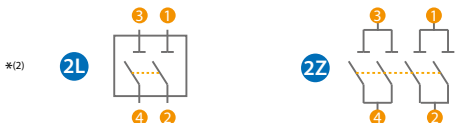


S6 DC ISOLATION ONLY



S6 DC 2P ISOLATION ONLY

2P *(p1)	Rated operational voltage	Rated operational current le (A)	Size	Connection	Bipolar (2P) *(p1)		Manual handle ISOLATION ONLY	
	Ue				Code	Diagram	External*(1)	Direct
							Code	Code
1500V DC20A	1	160	1		S6-01602LS0P38	2L	DS-SA11T	DS-SI11T
		200			S6-02002LS0P38	2L		
		250			S6-02502LS0P38	2L		
		400			S6-04002LD0P38	2L		
		630			S6-06302LS0P38	2L		
	2	800	2		S6-08002LD0P38	2L	DS-LA21T	DS-LI21T
		2200			S5-12504ZC0P38	2Z		
		1600			S6-16002PS0P38	2P		
		2500			S6-16004PS0P38	4P		
		3150			S5-16004ZS0P38	2Z		
	4		4		S5-18004ZS0P38	2Z	DS-LA41T	DS-LI41T



*(1) Padlockable handle in OFF 0 position. Possibility of unlocking the door in ON I position (with the use of a tool). Door interlock by a padlock in OFF 0 position.

*(2) Other configurations are available. Please, consult.

*(p1) In order to comply with the operation and electrical features, the bridging links must be assembled to the switch.

⚠ Please indicate in your order the switch code and the handle code, as these both products are managed separately.



According to:
IEC 60947-1&3 | UL98 | RoHS



Size	Shaft extensions *(3)		Bridging links *(p1)		Auxiliary contacts *(4)		Phase barriers		Spacers (4 units)	Terminal protection *(5)	Terminal shrouds *(5)
	□	Type 1 & 2		Code	1NO+1NC	2NO+2NC	1 unit	2 units	Code	Code	Code
		L	Code								
1	10	375	DS-EP14	-	D5LAU01	D5LAU02	DR-SF11	DR-SF12	DR-EL11	-	DR-CU11
		536	DS-EP15								
1	10	375	DS-EP14	DS-PI1G DS-PI1H	D5LAU01	D5LAU02	-	-	-	DS-CU12	-
		536	DS-EP15								
2	14	345	DS-EP23	-	D5LAU01	D5LAU02	DR-SF21	DR-SF22	DR-EL21	-	DR-CU21
		535	DS-EP24								
3	14	345	DS-EP23	DS-PI3H	D5LAU01	D5LAU02	-	-	-	-	-
		535	DS-EP24								



Size	Shaft extensions *(3)		Bridging links *(p1)		Auxiliary contacts *(4)		Phase barriers		Spacers (4 units)	Terminal shrouds *(5)
	□	Type 1 & 2		Code	1NO+1NC	2NO+2NC	1 unit	2 units	Code	Code
		L	Code							
1	10	375	DS-EP14	-	D5LAU01	D5LAU02	DR-SF11	DR-SF12	DR-EL11	DR-CU11
		536	DS-EP15							
2	14	345	DS-EP23	-	D5LAU01	D5LAU02	DR-SF21	DR-SF22	DR-EL21	DR-CU21
		535	DS-EP24							
3	14	345	DS-EP23	DS-PI3Lx2	D5LAU01	D5LAU02	-	-	-	-
		535	DS-EP24							
4	14	485	DS-EP44	DS-PI4Kx2	D5LAU01	-	-	DR-SF42	-	DR-CU42 2 units
		635	DS-EP45							
		485	DS-EP44							
		635	DS-EP45	DS-PI4Kx2	D5LAU01	D5LAU02	-	-	-	-

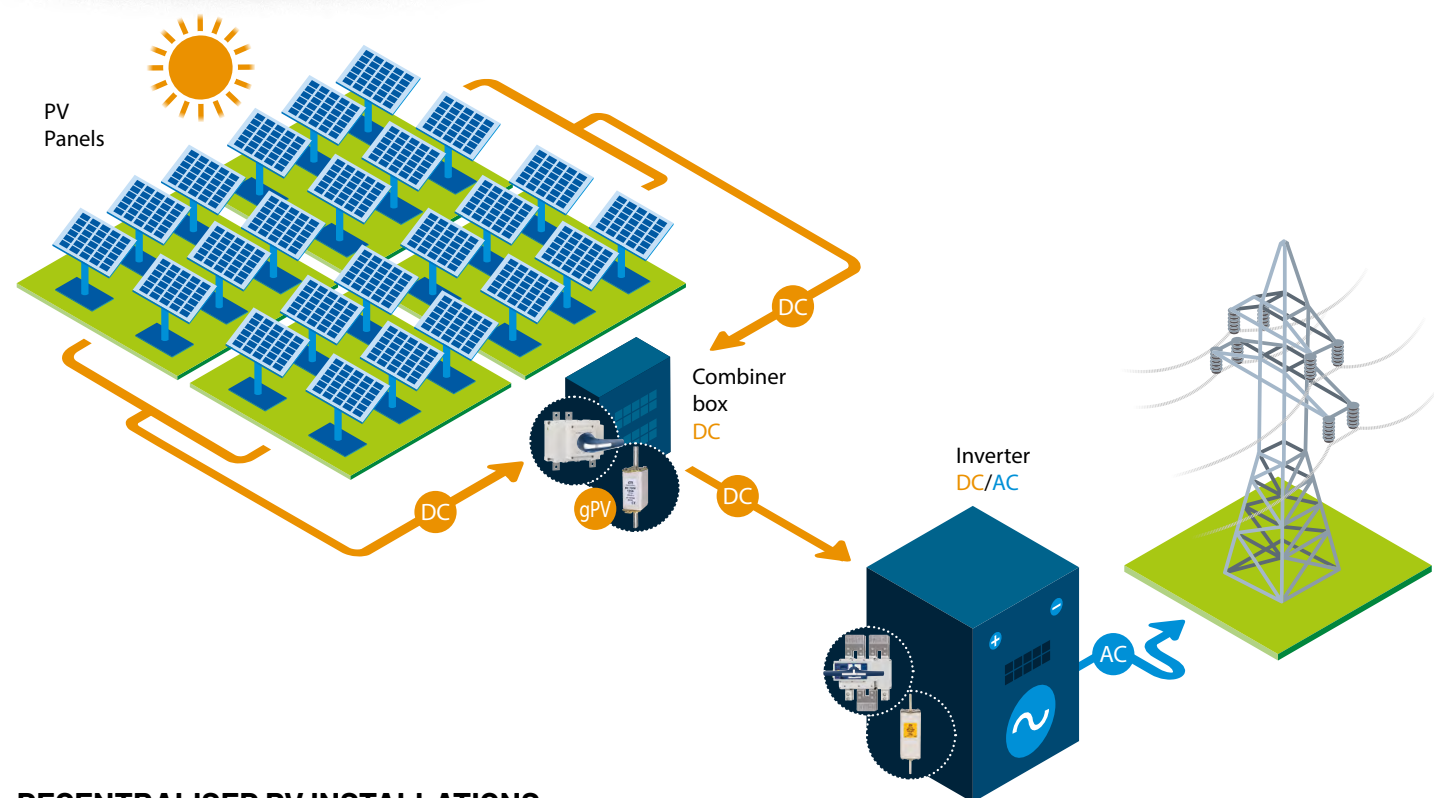
*(3) A standard shaft is included with the external handle.

*(4) To be used as signaling or control contacts - le = 16A (resistive loads) 4A (inductive loads) at 250 Vac. Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.

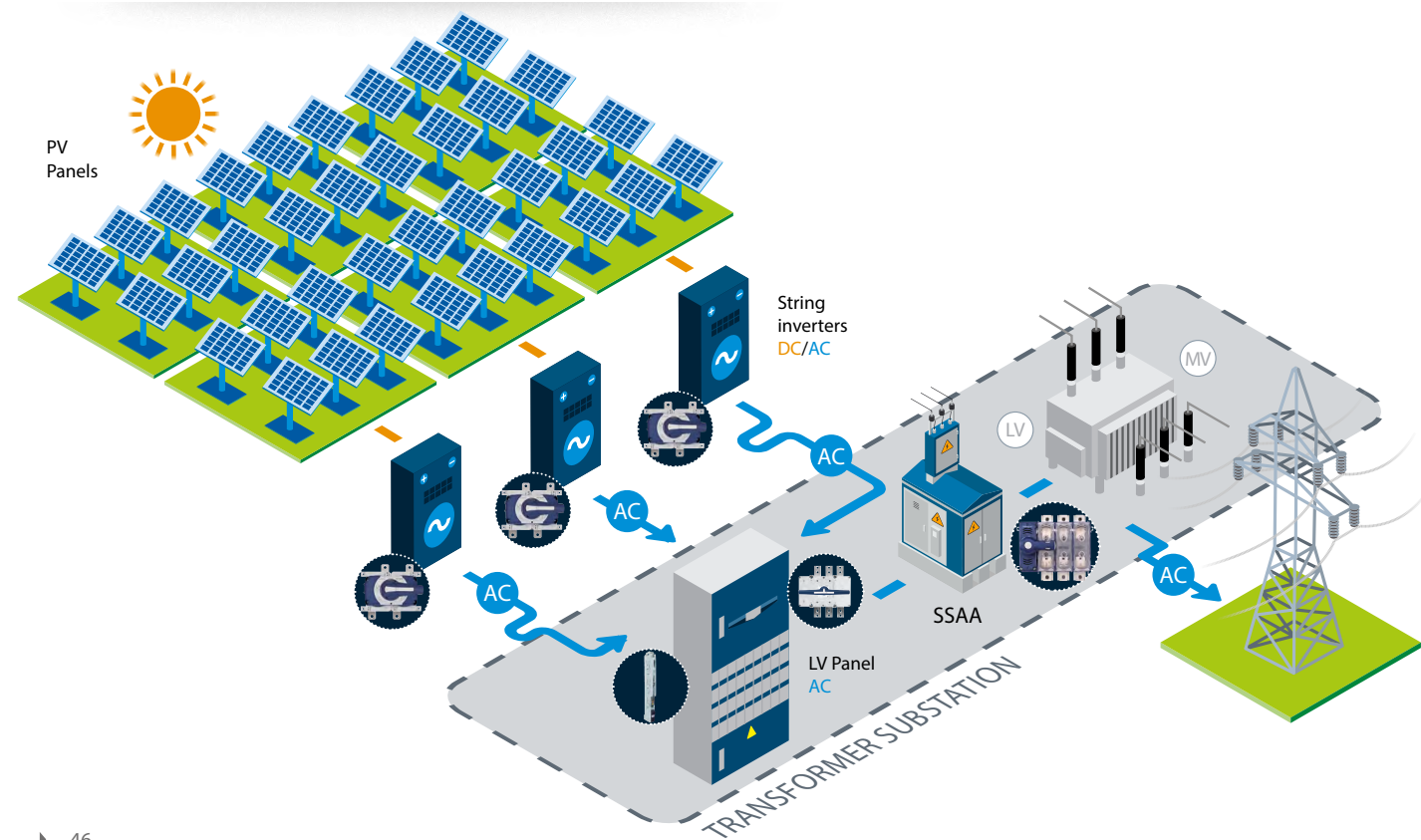
*(5) One unit for input or output.

Green energy applications

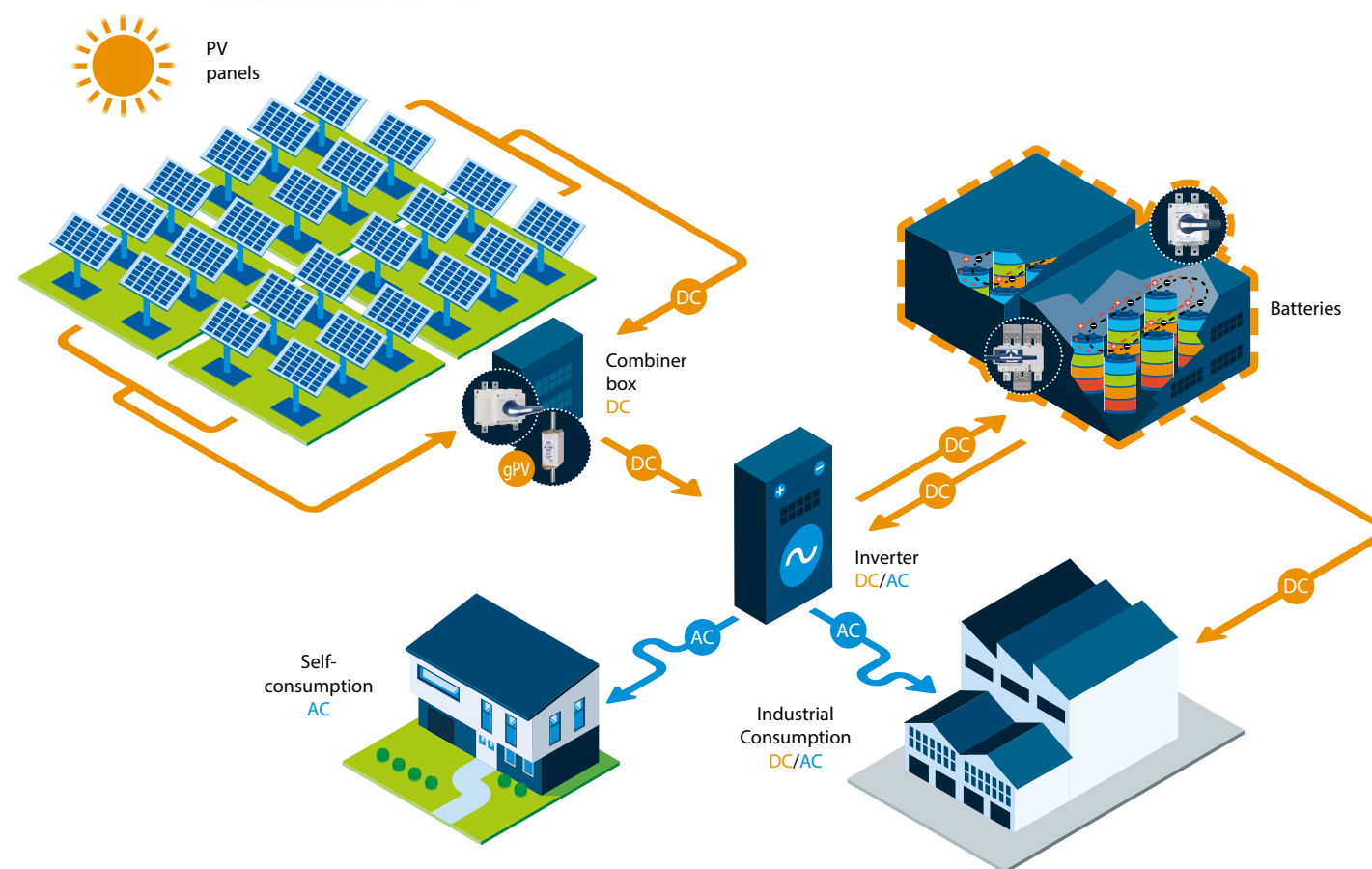
► CENTRALISED PV INSTALLATIONS



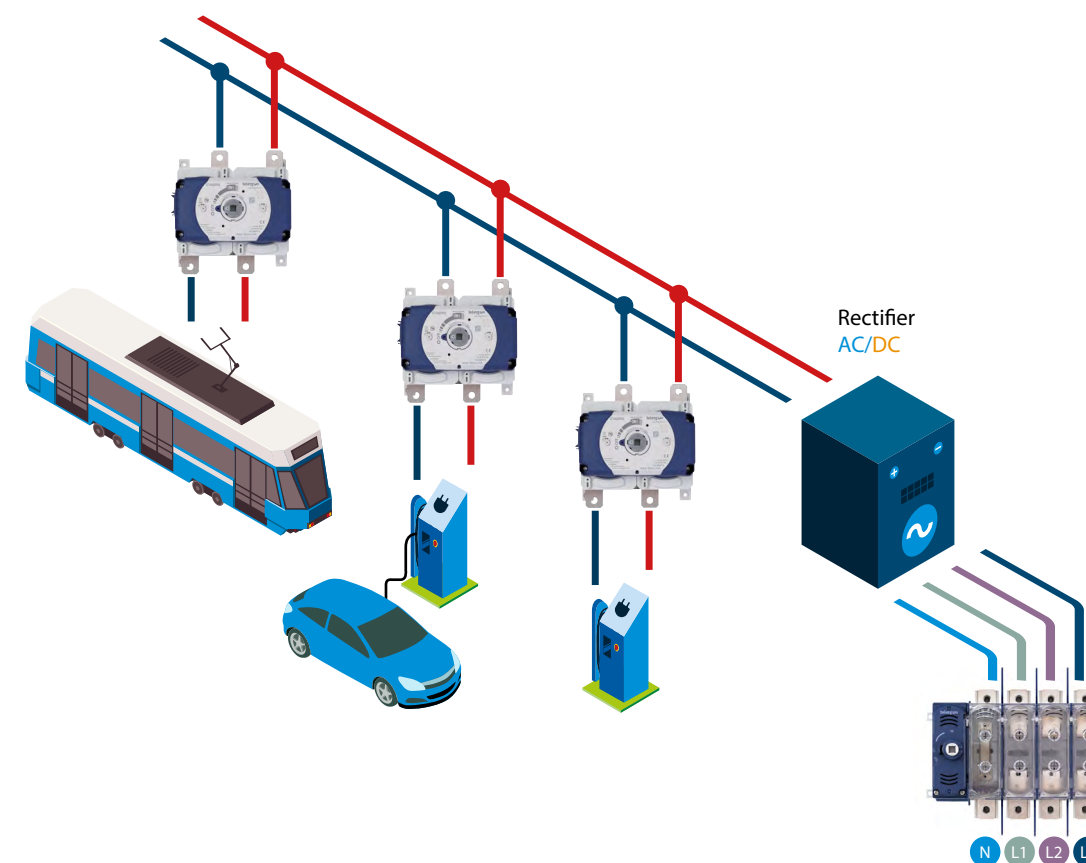
► DECENTRALISED PV INSTALLATIONS



► BATTERY ENERGY STORAGE SYSTEMS



► E-MOBILITY FAST CHARGING STATIONS





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