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Quick Selection Guide

AC DC

www.telergon.com

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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.

Telergon, SAU reserves the right to modify the products herein illustrated without prior notice. Technical data and description in the catalogue are accurate at the printing date, but no liabilities for errors or omissions are accepted. No danger or hazard to health and safety will be caused when products are installed, maintained and used in applications for which it is designed, in accordance with "professional practices" and manufacturer's instructions.

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AC



CAM SWITCHES
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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:

Metal shaft
for increased durability.

Removable protections
possibility of extraction



Special engraving
available on request.

Door interlock fixing
Possibility of fixing the switch to the back of the enclosure by means of a plate.

Fast fixing Ø22
easy mounting.

Customized solutions
Special diagrams (from 10A to 1200A), which are made according to the customer's indications and needs.

IP65 plate protection
and IP20 protection for terminals

Wide range
Designed to cover most applications.
From 12A to 1200A.

Multiple configurations
of electrical diagrams.



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.

IP55 IP65



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.












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 mouting with direct or external handle) under request.
Other handles under request.



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.

AC Compact switch-disconnectors

Testing and approvals: CE IEC cULus





series **S3** **Wide range**
of intensities and accessories



series **S3** **Different types**
of fixing and mounting



series **S3** **Enclosed solutions**
of plastic and aluminium



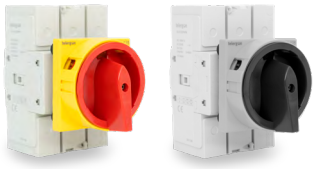
series **S3L** **S3S** **Changeover**
with modular handle



SERIE S3

DIN Rail mounting

- Available in 3P or 3P+N from 16 A to 125 A.
- Multipole 6P | 8P in 16A up to 80A
- Screw or DIN rail mounting.
- Direct locking handle



SERIE S3

Panel mounting

- Available in 3P or 3P+N from 16 A to 125 A.
- Two types of padlockable handle.



SERIE S3

Door interlock

- Configuration according to amperage:
  - 3P or 3P+N from 16 A up to 125 A.
- Padlockable panel handle.



SERIE S3L & S3S

Changeover witch DIN rail fixing

- Available in 3P+N from 16 A up to 80 A.
- Screw or DIN rail mounting.
- Padlockable modular direct handle.
- Changeover with overlapping available.

IP66



SERIE S3

Switch in plastic or aluminium enclosure | IP66

- Available in:
  - 3P or 3P+N from 16 A up to 125 A.
- Padlockable handle
- 6P or 8P from 16A up to 80A (plastic)



ACCESSORIES FOR THIS SERIES

- Auxiliary contacts
- Neutral pole
- Pole earth PE
- Fixed neutral pole
- Extended shaft

S3 SERIES | DIN-RAIL MOUNTING (DB)





					
		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
	40	S3-00403P1DB	S3-00403N1DB	S3-00403P5DB	S3-00403N5DB
00	63	S3-00633P1DB	S3-00633N1DB	S3-00633P5DB	S3-00633N5DB
	80	S3-00803P1DB	S3-00803N1DB	S3-00803P5DB	S3-00803N5DB
	100*1	S3-100B3P1DB	S3-100B3N1DB	S3-100B3P5DB	S3-100B3N5DB
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	S3-00323P7 PM	S3-00323N7PM	S3-00323P6PM	S3-00323N6PM
	40	S3-00403P4PM	S3-00403N4PM	S3-00403P3PM	S3-00403N3PM	S3-00403P7PM	S3-00403N7PM	S3-00403P6PM	S3-00403N6PM
00	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
	100*1	S3-100B3P4PM	S3-100B3N4PM	S3-100B3P3PM	S3-100B3N3PM	S3-100B3P7PM	S3-100B3N7PM	S3-100B3P6PM	S3-100B3N6PM
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

*1 Only for IEC
*2 Neutral is early-make and late-break

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
	40	S3-00403P4DC	S3-00403N4DC	S3-00403P3DC	S3-00403N3DC	S3-00403P7DC	S3-00403N7DC	S3-00403P6DC	S3-00403N6DC
00	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
	100*1	S3-100B3P4DC	S3-100B3N4DC	S3-100B3P3DC	S3-100B3N3DC	S3-100B3P7DC	S3-100B3N7DC	S3-100B3P6DC	S3-100B3N6DC
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 [135]mm 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
	40	S3M00406P0DB	S3M00408P0DB	S3L00403P1DB	S3L00403N1DB	S3S00403P1DB	S3S00403N1DB
00	63	S3M00636P0DB	S3M00638P0DB	S3L00633P1DB	S3L00633N1DB	S3S00633P1DB	S3S00633N1DB
	80	S3M00806P0DB	S3M00808P0DB	S3L00803P1DB	S3L00803N1DB	S3S00803P1DB	S3S00803N1DB

*3 handle without lock



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



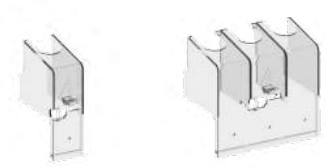
		Plastic enclosure (emergency handle)			
		3P	3P+N	6P	8P
Size	Amp	Code	Code	Code	Code
000	16	**S3-00163P4EP**	**S3-00163N4EP**	**S3M00166P4EP**	**S3M00168P4EP**
	20	**S3-00203P4EP**	**S3-00203N4EP**	**S3M00206P4EP**	**S3M00208P4EP**
	25	**S3-00253P4EP**	**S3-00253N4EP**	**S3M00256P4EP**	**S3M00258P4EP**
	32	**S3-00323P4EP**	**S3-00323N4EP**	**S3M00326P4EP**	**S3M00328P4EP**
	40	**S3-00403P4EP**	**S3-00403N4EP**	**S3M00406P4EP**	**S3M00408P4EP**
00	63	**S3-00633P4EP**	**S3-00633N4EP**	**S3M00636P4EP**	**S3M00638P4EP**
	80	**S3-00803P4EP**	**S3-00803N4EP**	**S3M00806P4EP**	**S3M00808P4EP**
0	100	**S3-01003P4EP**	**S3-01003N4EP**	-	-
	125	**S3-01253P4EP**	**S3-01253N4EP**	-	-





		Aluminium enclosure (black handle)		Aluminium enclosure (emergency handle)	
		3P	3P+N	3P	3P+N
Size	Amp	Code	Code	Code	Code
000	16	**S3-00163P3EA**	**S3-00163N3EA**	**S3-00163P4EA**	**S3-00163N4EA**
	20	**S3-00203P3EA**	**S3-00203N3EA**	**S3-00203P4EA**	**S3-00203N4EA**
	25	**S3-00253P3EA**	**S3-00253N3EA**	**S3-00253P4EA**	**S3-00253N4EA**
	32	**S3-00323P3EA**	**S3-00323N3EA**	**S3-00323P4EA**	**S3-00323N4EA**
	40	**S3-00403P3EA**	**S3-00403N3EA**	**S3-00403P4EA**	**S3-00403N4EA**
00	63	**S3-00633P3EA**	**S3-00633N3EA**	**S3-00633P4EA**	**S3-00633N4EA**
	80	**S3-00803P3EA**	**S3-00803N3EA**	**S3-00803P4EA**	**S3-00803N4EA**

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



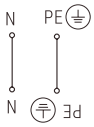
Lenght (mm)	Code
150	**DS3EPA1**
200	**DS3EPA2**
320	**DS3EPA3**

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	**DS3PS0F**	**DS3PS0R**	**DS3PD0F**	**DS3PD0R**



			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	**DS3PN0F**	**DS3PN0R**	**DS3PE0F**	**DS3PE0R**

04
Add-on Auxiliary Contacts

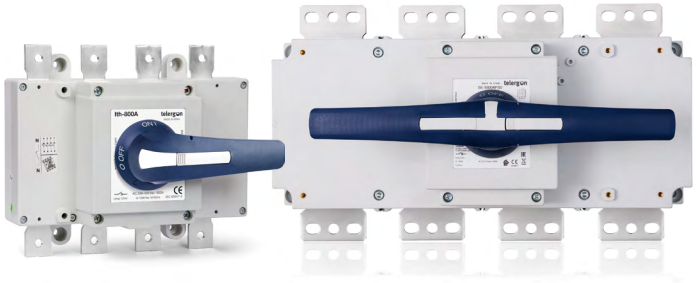


	1NO+1NC		2NO+2NC	
	DB/DC/EP/EA	PM	DB/DC/EP/EA	PM
Width (mm)	Code	Code	Code	Code
9	**DS3AUP1**	**DS3AUP1R**	**DS3AUP2**	**DS3AUP2R**

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

AC Switch-disconnectors

Testing and approvals:



series **S5** **S6** **Wide range**

of intensities and accessories.
Versatility of connection.



series **S5M** **S6N** **Configurations in parallel**

of 6P and 8P



series **S5N** **Integrated operation**

more compact and reduced



series **CIS** **IPT** **Enclosed solutions**

metalic or polyester





series **UM-S** **Motorized Unit**



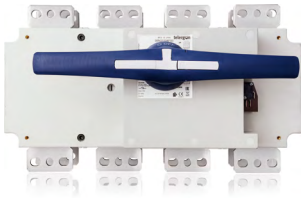
Shaft guides

Shaft guide device for panel handle of Telergon switches and switches for easy alignment between shaft and panel handle.



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 whit 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..



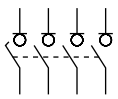
UM-S SERIES

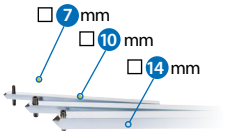
- Motorized unit kit 0 - 1.
- Wide range of currents depending on series:
  - For **S5**: From 250A up to 3150A.
  - For **S6** (2P, 3P & 4P): From 200A up to 1800A.
  - For **S5M** y **S6N** (6P & 8P): From 125A up to 3150A.
- One or two voltages depending on model 120 - 230 Vac (for DC values, please consult).

For further information, please see pages 22-25.

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















S5



S6



S6N

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

New S6 and S6N codes.

S5 & S6 SERIES | SWITCHES | 3P & 4P | 250A-1000A



S5



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	1		S5-03153PRC	S5-03153NRC	-	UM-S1A230Z
400	1		S5-04003PCC	S5-04003NCC	-	UM-S1A230Z
500	2		S5-05003PRC	S5-05003NRC	-	UM-S2A230Z
630	2		S5-06303PRC	S5-06303NRC	-	UM-S2A230Z
800	2		S5-08003PCC	S5-08003NCC	-	UM-S2A230Z
1000	3		S5-10003PCC	S5-10003NCC	MB UM-S31120M	MB UM-S31230M
1250	4		-	S6-12503NSC	-	UM-S47230M
1600	4		-	S6-16003NSC	-	UM-S47230M
1800	4		-	S6-18003NSC	-	UM-S47230M

For Kit Motorized Units for Size 5, please consult.

UM + S5 sizes 1 - 2 normal mounting

UM + S5 size 3 normal mounting



UM



UM (MODBUS) MB



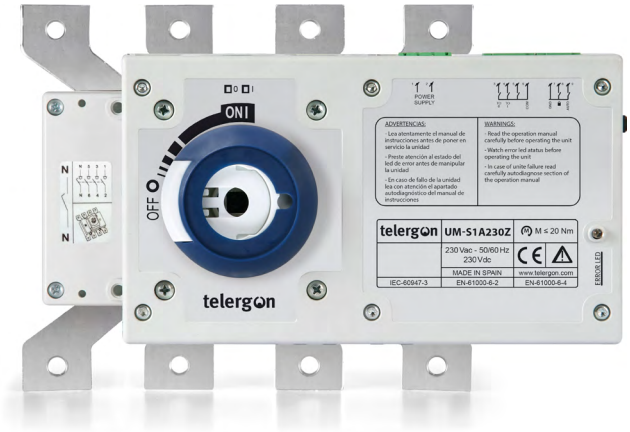




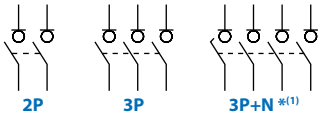


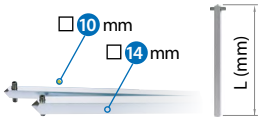
Size	Shaft guide	Auxiliary contacts *(5)		Safety key lock device *(6)		Terminal protection *(7)	Phase barriers			Terminal shrouds *(7) (3P - 1 unit | 4P -2 units)			Terminal shrouds *(7) (2 units)	
		1NO+1NC	2NO+2NC	Simple	Double	Code	1 unit	2 units	3 units	Up 3P	Down 3P	Up or Down 4P	Code	
	Code	Code	Code	Code *(	Code		Code	Code	Code	Code	Code	Code		
00	-	**D5LAU01**	**D5LAU02**	**DS-CAB1**	**DS-CEB1**	-	-	-	-	-	-	-	-	
0	**DS-EC00**	**D5LAU01**	**D5LAU02**	**DS-CAB1**	**DS-CEB1**	**DS-CU01**	-	-	-	- **DS-CU02** - **DS-CU02** **DS-CU05** **DS-CU05**	- **DS-CU03** - **DS-CU03** **DS-CU06** **DS-CU06**	- **DS-CU04** - **DS-CU04** **DS-CU07** **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.



S6 | SWITCHES | 3P & 4P | 200A-800A







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

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

*(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.

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

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



S6



UM

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

UM + S6 sizes 1 - 2 normal mounting

UM + S6 size 4 normal mounting





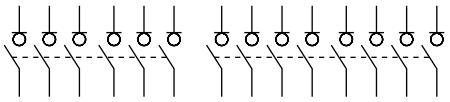


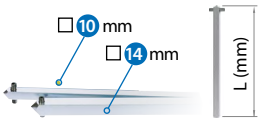

Size	Shaft guide	Auxiliary contacts *(5)		Safety key lock device *(6)		Spacers	Phase barriers			Terminal shrouds *(7)		
		1NO+1NC	2NO+2NC	Simple	Double	(4 units)	(1 unit)	(2 units)	(3 units)			
	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code
1	**DS-EC00**	**D5LAU01**	**D5LAU02**	**DS-CA11**	**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**

*(3) Slide bar handle, only standard door interlock. Please, consult the corresponding full details.
*(4) A standard shaft is included with the external handle.
*(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.



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






S5M


S6N


S6N


S5N

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	Code	Code	Code		L	Code
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						
400			S6N04006PD0	S6N04008PD0					536	DS-EP15
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 (S5N)		S5N12506PS0	S5N12508PS0	DS-LA41	DS-LI41	DS-LR41	-	-	-
1600			S5N16006PS0	S5N16008PS0						
1800			S5N18006PS0	S5N18008PS0						

*(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 – 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.

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

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


S6N


S5M


UM


UM (MODBUS) MB

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	2 (S6N)		S6N06306PSC	S6N06308PSC	MB UM-S26120M	MB UM-S26230M
800			S6N08006PDC	S6N08008PDC	MB UM-S35120M	MB UM-S35230M
1000	3 (S5M)		S5M10006PCC	S5M10008PCC		

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.








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	Down	Up or Down	Only switches	
									6P	6P	8P		
	Code	Code	Code	Code	Code	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.



Changeover switches

Testing and approvals:

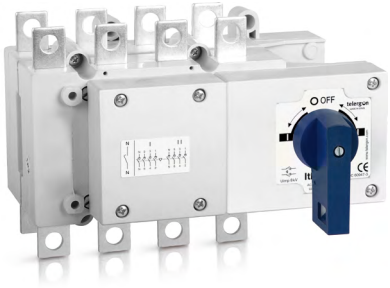


series CCF With common output



series CEC Compact and efficient

optimised performance



series S5F Disposition

in parallel



series S5B Bypass

wide range of intensities



series UM-C Motorized unit



series CTR Metalic enclosure solutions



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.



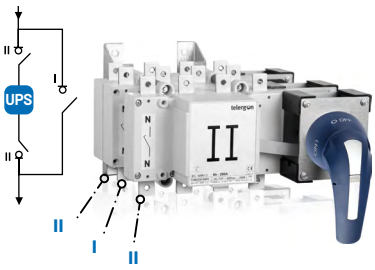
S5F SERIES

- 3P & 3P+N.
- Available form 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

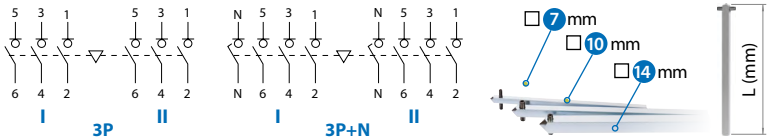
- Bypass changeover.
- 3P & 3P+N.
- Available from 125A up to 2000A.
- Overlapped contacts I I + II II available under request.



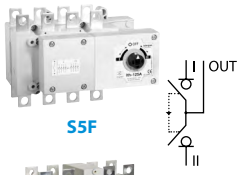
UM-C SERIES

- 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).

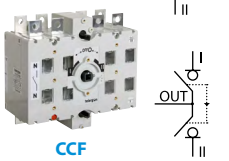
CEC, S5F & CCF SERIES
BASE MOUNTING CHANGEOVER SWITCHES
3P & 4P | 63A-3150A



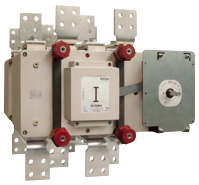

CEC



S5F



CCF

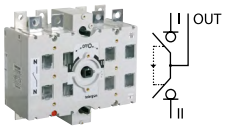

S5F/5 (*)

Amp.	Size	Connection	Series	3P	3P+N *(1)	Manual handle		Shaft extensions *(4)		
						External *(3)	Direct	□	Type 1 & 2	
				Code	Code	Code	Code		L	Code
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			CEC	CEC01253PS0	CEC01253NS0					
125	0		S5F	S5F01253PS0	S5F01253NS0	D5LLA01	D5LSI01	7	250	DS-EP04
160			S5F	S5F01603PS0	S5F01603NS0				387	DS-EP05
200			S5F	S5F02003PS0	S5F02003NS0					
200	1		CCF	CCF02003PS0	CCF02003NS0	DCCLA11	DCCLI11	10	375	DS-EP14
250			CCF	CCF02503PS0	CCF02503NS0					
315			CCF	CCF03153PS0	CCF03153NS0				536	DS-EP15
400			CCF	CCF04003PS0	CCF04003NS0					
500	2		CCF	CCF05003PS0	CCF05003NS0	DCCLA21	DCCLI21	14	345	DS-EP23
630			CCF	CCF06303PS0	CCF06303NS0				535	DS-EP24
800			CCF	CCF08003PS0	CCF08003NS0					
1000	3		CCF	CCF10003PS0	CCF10003NS0	DCCLA31	DCCLI31	14	345	DS-EP23
1250			CCF	CCF12503PS0	CCF12503NS0				535	DS-EP24
1600	4		S5F	S5F16003PS0	S5F16003NS0	D5LLA31	D5LLI32	-	-	-
1800			S5F	S5F18003PS0	S5F18003NS0					
2000			S5F	S5F20003PD0	S5F20003ND0					
2500	5		S5F	S5F25003PP0	S5F25003NP0	D5LEN51	DS-EI61	-	-	-
3150			S5F	S5F31503PP0	S5F31503NP0					

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

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


S5F



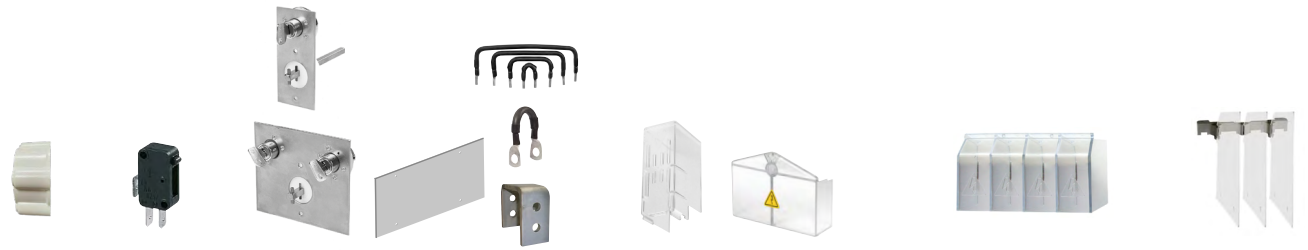
CCF


UM

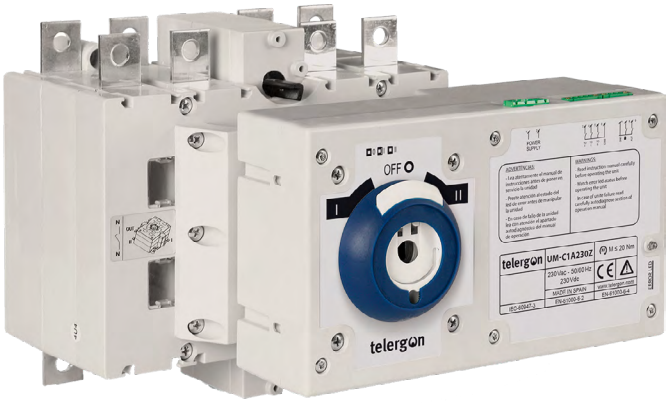

UM (MODBUS) MB

Amp.	Size	Connection	Series	3P	3P+N *(4)	UM-C Motorized unit kit (I - O - II) *(6)	
						120Vac *(8)	230Vac *(8)
				Code	Code	Code	Code
125	0		S5F	S5F01253PS0	S5F01253NS0	-	UM-C0A230Z
160			S5F	S5F01603PS0	S5F01603NS0		
200			S5F	S5F02003PS0	S5F02003NS0		
200	1		CCF	CCF02003PS0	CCF02003NS0	-	UM-C1A230Z
250			CCF	CCF02503PS0	CCF02503NS0		
315			CCF	CCF03153PS0	CCF03153NS0		
400			CCF	CCF04003PS0	CCF04003NS0		
500	2		CCF	CCF05003PS0	CCF05003NS0	MB UM-C21120M	UM-C2A230Z
630			CCF	CCF06303PS0	CCF06303NS0		
800			CCF	CCF08003PS0	CCF08003NS0		MB UM-C21230M
1000	3		CCF	CCF10003PS0	CCF10003NS0	MB UM-C31120M	MB UM-C31230M
1250			CCF	CCF12503PS0	CCF12503NS0		
1600	4		S5F	S5F16003PS0	S5F16003NS0	MB UM-C45120M	MB UM-C45230M
1800			S5F	S5F18003PS0	S5F18003NS0		
2000			S5F	S5F20003PD0	S5F20003ND0		
2500	5		S5F	S5F25003PP0	S5F25003NP0	-	MB UM-C55230M
3150			S5F	S5F31503PP0	S5F31503NP0		

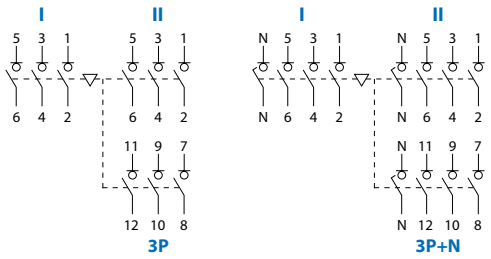
UM + S5F size 0 normal mounting
UM + CCF sizes 1 - 2 normal mounting
UM + CCF size 3 normal mounting
UM + S5F sizes 4 - 5 normal mounting
UM + CCF size 3 inverted mounting (please consult UM codes)
UM + S5F sizes 4 - 5 inverted mounting (please consult UM codes)

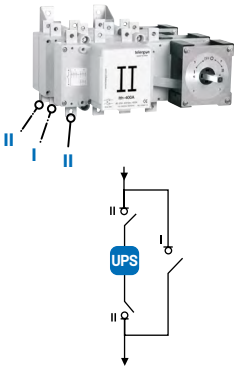


Size	Shaft guide	Auxiliary contacts *(6)		Safety *(7) key lock device		Rear protective plate	Bridging links	Terminal shrouds *(8)				Terminal shrouds *(8) (1 unit)			Phase barrier *(8)	
		1NO+1NC	2NO+2NC	Simple	Double	Code	Code (4 units)	3P input	3P common output	4P input position I & II	4P common output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



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





Amp.	Size	Connection	3P	3P+N *(1)	Manual handle	
					External *(3)	Direct
			Code	Code	Code	Code
125	0		S5B01253PS0	S5B01253NS0	D5LLA01	D5LSI02
160			S5B01603PS0	S5B01603NS0		
200			S5B02003PS0	S5B02003NS0		
250	1		S5B02503PR0	S5B02503NR0	D5LLA11	D5LLI12
315			S5B03153PR0	S5B03153NR0		
400			S5B04003PC0	S5B04003NC0		
500	2		S5B05003PR0	S5B05003NR0	D5LLA21	D5LLI22
630			S5B06303PR0	S5B06303NR0		
800	3		S5B08003PR0	S5B08003NR0	D5LLA31	D5LLI32
1000			S5B10003PC0	S5B10003NC0		
1250	4		S5B12503PS0	S5B12503NS0		
1600		(2)	S5B16003PS0	S5B16003NS0		
1800		(2)	S5B18003PS0	S5B18003NS0		
2000		(2)	S5B20003PD0	S5B20003ND0		

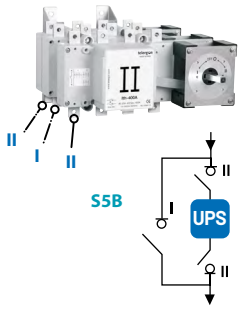
*(1) Neutral pole early make & late break - 4P versions with "simultaneous contacts" are also available (please, consult).

*(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.

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



Amp.	Size	Connection	3P	3P+N *(4)	UM-C Motorized unit kit (I - O - II) *(6)	
					120Vac *(8)	230Vac *(8)
			Code	Code	Code	Code
125	0		S5B01253PS0	S5B01253NS0	-	UM-C0A230Z
160			S5B01603PS0	S5B01603NS0		
200			S5B02003PS0	S5B02003NS0		
250	1		S5B02503PRC	S5B02503NRC	-	MB UMC14230Z
315			S5B03153PRC	S5B03153N RC		
400			S5B04003PCC	S5B04003NCC		
500	2		S5B05003PRC	S5B05003NRC	MB UM-C24120M	MB UM-C24230M
630			S5B06303PRC	S5B06303NRC		
800	3		S5B08003PRC	S5B08003NRC	MB UM-C34120M	MB UM-C34230M
1000			S5B10003PCC	S5B10003NCC		
1250	4		S5B12503PS0	S5B12503NS0	-	MB UM-C44230M
1600			S5B16003PS0	S5B16003NS0		
1800			S5B18003PS0	S5B18003NS0		
2000			S5B20003PD0	S5B20003ND0		

UM + S5B sizes 0 - 1 normal mounting

UM + S5B sizes 2 - 3 - 4 normal mounting

UM + S5B sizes 2 - 3 - 4 inverted mounting (please consult UM codes)



UM

UM (MODBUS) MB

*(4) Neutral pole early make & late break - 4P versions with "simultaneous contacts" are also available (please, consult).

*(5) There are versions of changeover switches without 0 - OFF position (please, consult):
S5F (I - II) = S5D _ _ _ _ _.
CCF "overlapped" (I - I+II - II) = CCS _ _ _ _ _.

*(6) 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.

*(4) There are versions of bypass changeover switch without OFF 0 position "overlapped" (please, consult):
S5B "overlapped" (I - I + II - II) = S5S _ _ _ _ _.

*(8) For DC values, please consult.

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







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	Down	Up or Down
							3P	3P	4P
	Code	Code	Code	Code		Code	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.

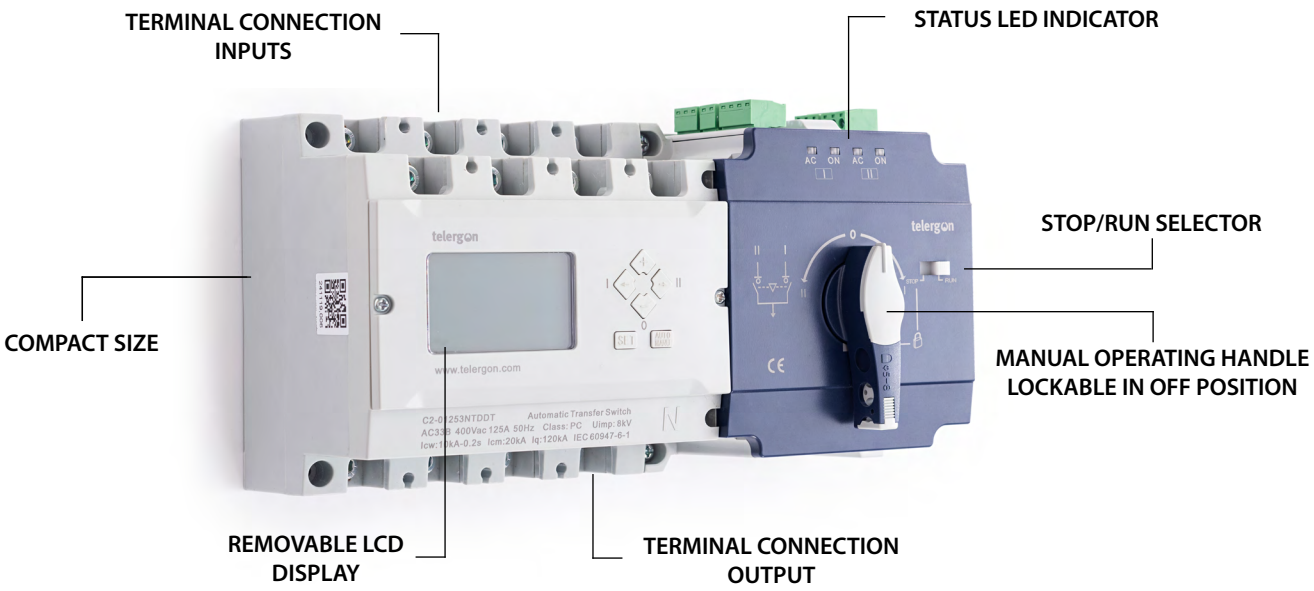


Automatic Transfer Switch

series **ATS**



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



C1 SERIES | 3P & 3P+N | 63A-630A





Size	Amp	Connection	Type G		Type C			Display
			3P	3P+N	1P+N*2	3P	3P+N	Code
00	63		C1-00633PSMGB	C1-00633NSMGB	C1-00631NSMCB	C1-00633PSMCB	C1-00633NSMCB	DC1DP01*1
	80		C1-00803PSMGB	C1-00803NSMGB	C1-00801NSMCB	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. Cat 5E Ethernet cable with RJ45 connectors included with the display.
*2 Single-phase version. For more amperages, consult.

ATS

C2 SERIES | 3P & 3P+N | 63A-630A



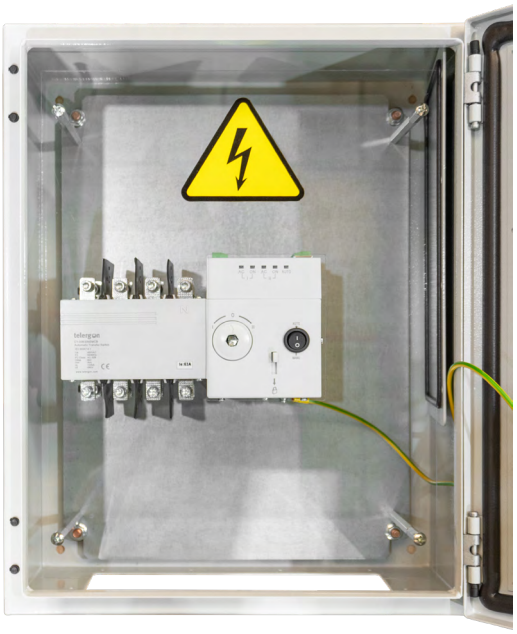




Size	Amp	Connection	1P+N	3P	3P+N	Shrouds	Display
			Code	Code	Code	Code	Code
00	63		C2-00631NBDDT	C2-00633PBDDT	C2-00633NBDDT	-	DC1DP01
	80		C2-00801NBDDT	C2-00803PBDDT	C2-00803NBDDT	-	
0	100		-	C2-01003PTDDT	C2-01003NTDDT	DC2CU01	
	125		-	C2-01253PTDDT	C2-01253NTDDT		
1	160		-	C2-01603PTDDT	C2-01603NTDDT	DC2CU11	
	250		-	C2-02503PTDDT	C2-02503NTDDT		
2	400		-	C2-04003PTDDT	C2-04003NTDDT	DC2CU21	
	630		-	C2-06303PTDDT	C2-06303NTDDT		

*2 Single-phase version. For more amperages, consult.
*3 Cat 5E Ethernet cable with RJ45 connectors included with the display.

CTR C1 SERIES | CARACTERÍSTICAS PRINCIPALES



- C1 tipo C, desde 63A hasta 630 A.
- Apto para entornos sujetos a riesgos mecánicos y peligros por polvo.
- Grado de protección: IP66.
- Color: RAL 7035.
- Acometida: Inferior.
- Conexión: superior (terminales de entrada) e inferior (terminales de salida)
- Protección: Placa de protección de policarbonato.
- Material: Acero de espesor 2mm.
- Recubrimiento: Resina epoxy.
- Montaje: Pared.

CTR C1 SERIES | 1P+N, 3P & 3P+N | 63A-630A







Size	Amp	Connection	Type C			Display *3	Display cover IP66
			Metal		Polyester		
			1P+N*2	3P+N	3P+N	Code	Code
00	63		CTRL1C00631NSBM	CTRL1C00633NSBM	CTRL1P00633NSBM	DC1DP01	DC1VD01
	80		CTRL1C00801NSBM	CTRL1C00803NSBM	CTRL1P00803NSBM		
	100		-	CTRL1C01003NSBM	CTRL1P01003NSBM		
	125		-	CTRL1C01253NSBM	CTRL1P01253NSBM		
0	160		-	CTRL1C01603NSBM	CTRL1P01603NSBM		
1	250		-	CTRL1C02503NSBM	CTRL1P02503NSBM		
2	400		-	CTRL1C04003NSBM	-		
	630		-	CTRL1C06303NSBM	-		

*2 Single-phase version. For more amperages, consult.
*3 Cat 5E Ethernet cable with RJ45 connectors included with the display.

CTR C2 SERIES | CARACTERÍSTICAS PRINCIPALES



- C2 tipo D, desde 63A hasta 630 A.
- Apto para entornos sujetos a riesgos mecánicos y peligros por polvo.
- Grado de protección: IP66.
- Color: RAL 7035.
- Acometida: Inferior.
- Display instalado en puerta con tapa de protección.
- Conexión: ≤250A superior e inferior, ≥400A inferior (Los terminales de acometida se llevan a la parte inferior de la envolvente a través de pletinas de conexión de cobre).
- Protección: 63-80Amp conexión con brida.
  100-250Amp cubrebornes.
  400-630Amp placa de protección de policarbonato
- Entradas, salidas y contactos auxiliares precableados a terminales montados en carril DIN.
- Material: Acero de espesor 2mm.
- Recubrimiento: Resina epoxy.
- Montaje: Pared.

CTR C2 SERIES | 1P+N, 3P & 3P+N | 63A-630A



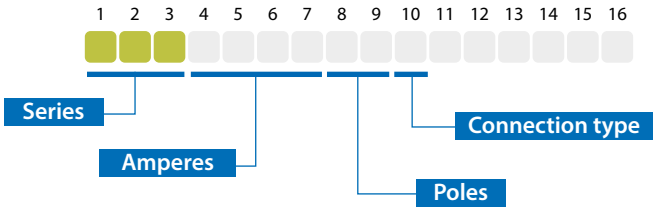





Size	Amp	Connection	Metal		Polyester	Shrouds	Display *3	Display cover IP66
			1P+N*2	3P+N	3P+N	Code	Code	Code
00	63		CTRL2C00631NBBN	CTRL2C00633NBBN	CTRL2P00633NBBN	-	DC1DP01	DC1VD01
	80		CTRL2C00801NBBN	CTRL2C00803NBBN	CTRL2P00803NBBN	-		
0	100		-	CTRL2C01003NTBN	CTRL2P01003NBBN	DC2CU01		
	125		-	CTRL2C01253NTBN	CTRL2P01253NBBN			
1	160		-	CTRL2C01603NTBN	CTRL2P01603NBBN	DC2CU11		
	250		-	CTRL2C02503NTBN	CTRL2P02503NBBN			
2	400		-	CTRL2C04003NTBO		DC2CU21		
	630		-	CTRL2C06303NTBO				

*2 Single-phase version. For more amperages, consult.
*3 Cat 5E Ethernet cable with RJ45 connectors included with the display.

Enclosed solutions





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

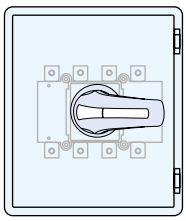
- Metal enclosed changeover switch.
- 3P or 3P+N.
- Available from 63A up to 3150A.
- Protection rating IP55 - IP65.



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).

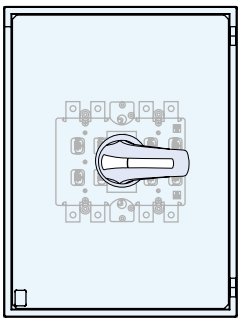
CIS25C SERIES | ENCLOSED SWITCH-DISCONNECTORS



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
2	400	CIS25C04003PC	CIS25C04003NC
	630	CIS25C06303PR	CIS25C06303NR
3	800	CIS25C08003PR	CIS25C08003NR
4	1000	CIS25C10003PS	CIS25C10003NS
	1250	CIS26C12503PS	CIS26C12503NS
	1600	CIS26C16003PS	CIS26C16003NS
	1800	CIS26C18003PS	CIS26C18003NS
5	2000	CIS26C20003PS *(3)	CIS26C20003NS *(3)
	2500	CIS26C25003PS *(3)	CIS26C25003NS *(3)
	3150	CIS26C31503PS *(3)	CIS26C31503NS *(3)

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

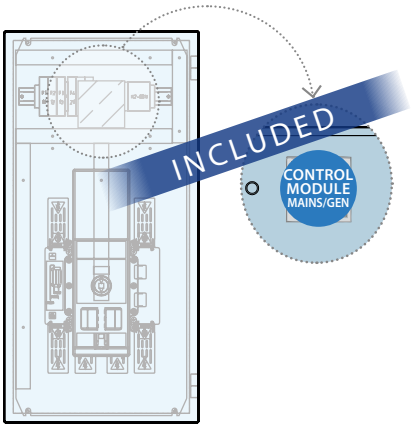
CTR2 SERIES | ENCLOSED CHANGEOVER SWITCHES



Size	Amp.	3P	3P+N *(2)
		Code	Code
00	63	CTR2EC00633PS	CTR2EC00633NS
	80	CTR2EC00803PS	CTR2EC00803NS
	100	CTR2EC01003PS	CTR2EC01003NS
	125	CTR2EC01253PS	CTR2EC01253NS
0	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
4	1600	CTR2FC16003PS	CTR2FC16003NS
	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	CTRCFC01253NSBJ
200	CTRCFC02003NSBJ
250	CTRCCC02503NSBJ
400	CTRCCC04003NSBK
630	CTRCCC06303NSBK
1000	CTRCCC10003NSBK
1250	CTRCCC12503NSBK
1600	CTRCFC16003NSBK
2000	CTRCFC20003NDBK

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

Fuse Switch-Disconnectors

Testing and approvals:







M3 SERIES

- Sizes available up to 250 A
- 2P, 3P and 3P +N, with detachable neutral option (3P+ND)
- Easy installation
- New direct handle with "click to extract" system.
- Modular design and compact size
- TEST position for testing auxiliary control circuits without activating the main contacts





series **M21** **Compact**
with fuses

series **CIF** **With enclosure**
integrated polyester and metal solution



M3 SERIES

- 2P, 3P & 3P+N | 3P+DN.
- Up to 250A.
- Including the possibility of detachable neutral (3P+DN).
- For different fuses standards.



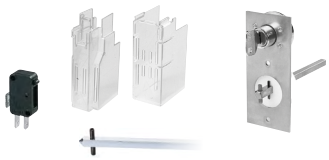
M21 SERIES

- 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.



ACCESSORIES FOR THESE SERIES

- Shaft extensions
- Auxiliary contacts
- Phase barriers
- Terminal shrouds
- Shaft guide
- Lateral handle.

M3 SERIES | 2P, 3P, 3P+N & 3P+DN | 32A-250A







Amp.	Fuse	Size	Connection	2P	3P	3P+N *(1)	3P+DN (fixed detachable neutral)	Front operation				
								Direct handle	Standard / Emergency			
									External handle (shaft included)			
				Code	Code	Code	Code	Code	L (mm)		ON-OFF	ON-OFF-TEST
											Code	Code
32	BS-A1-A2	00		M3-00322PBB10	M3-00323PBB10	M3-00323NBB10	M3-00323DBB10	DM3SIB1	177		DM3SAB2	DM3SAB1
50	14x51			M3-00502PBC20	M3-00503PBC20	M3-00503NBC20	M3-00503DBC20					
63	BS-A2-A3			M3-00632PBB20	M3-00633PBB20	M3-00633NBB20	M3-00633DBB20					
	NH000			M3-00632PBD20	M3-00633PBD20	M3-00633NBD20	M3-00633DBD20				DM3SRB2	DM3SRB1
80	BS-A3			M3-00802PBB30	M3-00803PBB30	M3-00803NBB30	M3-00803DBB30					
100	22x58			M3-01002PBC30	M3-01003PBC30	M3-01003NBC30	M3-01003DBC30					
	NH000			M3-01002PBD30	M3-01003PBD30	M3-01003NBD30	M3-01003DBD30					
100	BS-A3	0		M3-01002PTB30	M3-01003PTB30	M3-01003NTB30	M3-01003DTB30	DM3SIB1	177		DM3SAB2	DM3SAB1
125	BS-A3			M3-01252PTB30	M3-01253PTB30	M3-01253NTB30	M3-01253DTB30					
	22x58			M3-01252PTC30	M3-01253PTC30	M3-01253NTC30	M3-01253DTC30					
	NH00			M3-01252PTD40	M3-01253PTD40	M3-01253NTD40	M3-01253DTD40				DM3SRB2	DM3SRB1
160	NH00			M3-01602PTD40	M3-01603PTD40	M3-01603NTD40	M3-01603DTD40					
160	BS-A4	1		M3-01602PSB50	M3-01603PSB50	M3-01603NSB50	M3-01603DSB50	DM3SI11	227		DM3SA12	DM3SA11
	NH0			M3-01602PSD90	M3-01603PSD90	M3-01603NSD90	M3-01603DSD90					
200	BS-B1-B2			M3-02002PSB60	M3-02003PSB60	M3-02003NSB60	M3-02003DSB60					
250	NH1			M3-02502PSD50	M3-02503PSD50	M3-02503NSD50	M3-02503DSD50				DM3SR12	DM3SR11
	BS-B3			M3-02502PSB80	M3-02503PSB80	M3-02503NSB80	M3-02503DSB80					

* For UL references, please consult.

M21 SERIES | 3P, 3P+N & 3P+FN | 400A-800A



Amp.	Fuse	Size	Connection	3P	3P+N *(1)	3P+FN	Manual handle		
							Direct handle	External handle (shaft included)	
				Code	Code	Code	Code	Code	
400	NH2	2		M2104003PSD20	M2104003NSD20	M2104003FSD20	DM2SI21		DS-LA22
400	BSB1...BSB4			M2104003PSB50	M2104003NSB50	M2104003FSB50			DS-LR22
630	NH3	3		M2106303PSD30	M2106303NSD30	M2106303FSD30	DM2SI31		DS-LA31
800	NH3			M2108003PSD30	M2108003NSD30	M2108003FSD30			
630	BSC1... BSC2			M2106303PSB70	M2106303NSB70	M2106303FSB70			DS-LR31
800	BSC1... BSC3			M2108003PSB80	M2108003NSB80	M2108003FSB80			

CIF SERIES | M3 METAL ENCLOSURE | IP65







Amp.	Fuse	Size	Connection	Series	3P	3P+N *(8)	Box dimensions	Auxiliary contacts *(9) 1NO+1NC	Cable entry	Fixing brackets	Terminal shrouds *(10)	
											3p output	3P+N input or output
					Code	Code		Code			Code	Code
63	NH000	00		M3	CIF23C00633PBD2	CIF23C00633NBD2	300x300x200	DM3AUB1	125x215	20105079	-	-
100	NH000			M3	CIF23C01003PBD3	CIF23C01003NBD3	300x300x200	DM3AUB1	125x215	20105079	-	-
125	NH00	0		M3	CIF23C01253PTD4	CIF23C01253NTD4	400x400x200	DM3AUB1	125x285	20105079	DM3CU02	DM3CU03
160	NH00			M3	CIF23C01603PTD4	CIF23C01603NTD4	400x400x200	DM3AUB1	125x285	20105079	DM3CU02	DM3CU03
250	NH1	1		M3	CIF23C02503PSD5	CIF23C02503NSD5	600x400x250	D5LAU01	485x125	20105079	DM3CU12	DM2CU13

* For polyester and NFC references, please consult.

*(1) Neutral pole early make & late break. Also available 4P.

*(2) With the side handle code, the auxiliary contacts holder is included (DM3AMB1/DM3AM11), as it is required for installation.

*(3) To be used as signaling or control contacts. Ie = 0.1A at 125 VAC and 0.1A at 30 VDC (resistive loads) (M3) This code includes just an individual auxiliary contact (1 pc per package), so it is necessary to order as many pcs as it would be needed of any type of contact.

*(4) One set for input or output.





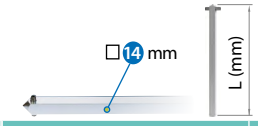




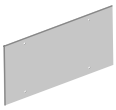


Size	Side operation					Auxiliary contacts *(3) (1 unit)	Auxiliary contacts holder*(7)		Shaft extensions		Shaft guide
	Direct handle *(2)		External handle (shaft included)				Early make contacts	Simultaneous contacts			
	Code	L (mm)		ON-OFF Code	ON-OFF-TEST Code	Code	Code	Code	L (mm)	Code	Code
00	DM3SSB1	177		DM3SBB2	DM3SBB1	DM3AUB1	DM3AMB1	DM3ASB1	250	DM3EP01	DS-EC00
				DM3SEB2	DM3SEB1				387	DM3EP02	
0	DM3SSB1	177		DM3SBB2	DM3SBB1	DM3AUB1	DM3AMB1	DM3ASB1	250	DM3EP01	DS-EC00
				DM3SEB2	DM3SEB1				387	DM3EP02	
1	DM3SS11	177		DM3SB12	DM3SB11	DM3AUB1	DM3AM11	DM3AS11	375	DM3EP11	DS-EC00
				DM3SE12	DM3SE11				536	DM3EP12	

Fuse type	Poles	Phase barriers	Terminal shrouds *(4)
		Code	Code
-	-	-	-
BS 22x58	2P	-	DM3CU010L
	3P		DM3CU020L
	3P+N		DM3CU030L
	DN		DM3CU040L
NH	2P	DM3SF01*(6)	DM3CU01
	3P	DM3SF02*(6)	DM3CU02
	3P+N	DM3SF03*(6)	DM3CU03
	DN	-	DM3CU04*(8)
BS NH	2P	DM3SF11	DM3CU11
	3P	DM3SF12	DM3CU12
	3P+N	DM3SF13	DM3CU13
	DN	-	DM3CU14*(8)









Size	Shaft extensions			Auxiliary contacts *(5)		Rear protective plate	Terminal shrouds *(4)			Shaft guide
	□	L (mm)	Code	1NO+1NC Code	2NO+2NC Code	Code	3P input Code	3P output Code	3P+N input / output Code	Code
2	14	345	**DS-EP23**	**D5LAU01**	**D5LAU02**	3P **DM2PP21**	**DM2CU21**	**DM2CU22**	**DM2CU23**	**DS-EC00**
3	14	345	**DS-EP23**	**D5LAU01**	**D5LAU02**	3P **DM2PP31**	**DM2CU31**	**DM2CU32**	**DM2CU33**	**DS-EC00**
						3P+N **DM2PP32**				

CIF SERIES | M21 METAL ENCLOSURE | IP65



Amp.	Fuse	Size	Connection	Series	3P	3P+N *(8)	Box dimensions	Auxiliary contacts *(9) 1NO+1NC	Cable entry	Fixing brackets	Terminal shrouds *(10)	
											3p output	3P+N input or output
					Code	Code		Code			Code	Code
400	NH2	2		M21	**CIF22C04003PSD2**	**CIF22C04003NSD2**	**800x600x260**	**D5LAU01**	**485x125**	**20105079**	**DM3CU22**	**DM2CU23**
630	NH3	3		M21	**CIF22C06303PSD3**	**CIF22C06303NSD3**	**1000x600x260**	**D5LAU01**	**485x125**	**20105079**	**DM3CU32**	**DM2CU33**
800	NH3			M21	**CIF22C08003PSD3**	**CIF22C08003NSD3**	**1000x600x260**	**D5LAU01**	**485x125**	**20105079**	**DM3CU32**	**DM2CU33**

*(5) To be used as signaling or control contacts – Ie = 16A (resistive loads) 4A (inductive loads) at 250 Vac. (M21)

*(6) In 22x58 and BS size the device includes directly the phase barriers.

*(7) With the switch 1NO+1NC early make contact (ON-OFF position) and 1NO+1NL early make contact (TEST position) can be fixed. Maximum capacity with holders: 3N0+3NC for OFF position (2 early make contacts and 1 simultaneous) / 2N0+2NC for TEST position (2 early make contacts)

*(8) Neutral pole early make & late break. Also available (M3) 4P & 3P+DN / (M21)- 4P & 3P+FN under request.

*(9) To be used as signaling or control contacts – Ie = 0.1A at 125 VAC and 0.1A at 30 VDC (resistive loads) (M3) / Ie = 16A (resistive loads) 4A (inductive loads) at 250 Vac (M21). Whilst closing, it closes after the main contacts. Whilst opening, it opens before the main contacts.

*(10) One set for input or output.

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.

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

According to:

IEC 60947-1&3 | UL508i* | UL98B* | RoHS

* under request



series **CRS**

Compact

Up to 5 strings

- Maximum circuit current 38A
- Maximum circuit voltage 1500vdc



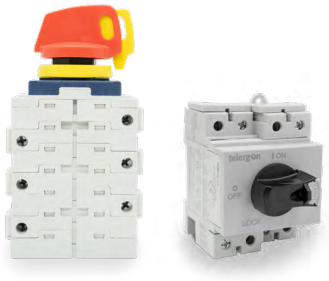
series **S7**

High performance

Capable of reaching 500A - 1500 Vdc (750 Vdc per pole)

Diverse sizes and models





series **F7/F1**

Compact and multi-string

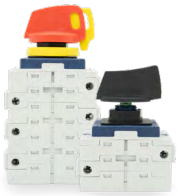
Different types of mounting

Up to 1500Vdc



F1 SERIES

- 1500V
- Lockable at OFF position
- Different type of mounting
- IP66 degree of protection
- 40A



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-63A



CRS FIREFIGHTER SAFETY SWITCH

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



S6 DC SERIES

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



S5 & S5N DC SERIES

- Ue MAX 1000 Vdc Ie 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 SERIES

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



S5M SERIES

- Ue MAX 1500 Vdc Ie MAX 1800A DC 21B.
- 4P+4P.
- Back to back with operating mechanism inside.

series **F1**

DC Switch Disconnectors



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

F1 SERIES | DIN-RAIL MOUNTING (DB)



				
Operating voltage Ue	Operating current Ie	Poles	Code	Code
1000 Vdc	16A	2P	F1-00322P1DB	DF1CUA1
		4P	F1-00324P1DB	
1500 Vdc	32A	4B	F1-00324B1DB	
		4T	F1-00324T1DB	
		4S	F1-00324S1DB	

F1 SERIES | PANEL MOUNTING (PM)

⌀64	⌀64	⌀48	⌀48
			

							
Operating voltage Ue	Operating current Ie	Poles	Code	Code	Code	Code	Code
1000 Vdc	16A	2P	F1-00322P4PM	F1-00322P3PM	F1-00322P7PM	F1-00322P6PM	DF1CUA1
		4P	F1-00324P4PM	F1-00324P3PM	F1-00324P7PM	F1-00324P6PM	
1500 Vdc	32A	4B	F1-00324B4PM	F1-00324B3PM	F1-00324B7PM	F1-00324B6PM	
		4T	F1-00324T4PM	F1-00324T3PM	F1-00324T7PM	F1-00324T6PM	
		4S	F1-00324S4PM	F1-00324S3PM	F1-00324S7PM	F1-00324S6PM	

F1 SERIES | DOOR INTERLOCK (DC)









							
Operating voltage Ue	Operating current Ie	Poles	Code	Code	Code	Code	Code
1000 Vdc	16A	2P	F1-00322P4DC	F1-00322P3DC	F1-00322P7DC	F1-00322P6DC	DF1CUA1
		4P	F1-00324P4DC	F1-00324P3DC	F1-00324P7DC	F1-00324P6DC	
1500 Vdc	32A	4B	F1-00324B4DC	F1-00324B3DC	F1-00324B7DC	F1-00324B6DC	
		4T	F1-00324T4DC	F1-00324T3DC	F1-00324T7DC	F1-00324T6DC	
		4S	F1-00324S4DC	F1-00324S3DC	F1-00324S7DC	F1-00324S6DC	

F1 SERIES | ENCLOSED SOLUTIONS




			Aluminium	
Operating voltage Ue	Operating current Ie	Poles	Code	Code
1000 Vdc	16A	2P	F1-00322P3EA	F1-00322P4EA
		4P	F1-00324P3EA	F1-00324P4EA
1500 Vdc	32A	4B	F1-00324B3EA	F1-00324B4EA
		4T	F1-00324T3EA	F1-00324T4EA
		4S	F1-00324S3EA	F1-00324S4EA

* For more information, please consult.




			Plastic	
Operating voltage Ue	Operating current Ie	Poles	Code	Code
1000 Vdc	16A	2P	F1-00322P3EP	F1-00322P4EP
		4P	F1-00324P3EP	F1-00324P4EP
1500 Vdc	32A	4B	F1-00324B3EP	F1-00324B4EP
		4T	F1-00324T3EP	F1-00324T4EP
		4S	F1-00324S3EP	F1-00324S4EP

1500 Vdc

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 70ºC inside the enclosure

According to IEC60947-3 (ed.3.2):2015. 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

series **F7**

DC Multi-string Switch-Disconnector



F7 SERIES | 2P-10P | 13A-50A

Codification

1	2	3	4	5	6	7	8	9	10	11	12
F	7	-	0	0	1	3	2	P	R	H	M

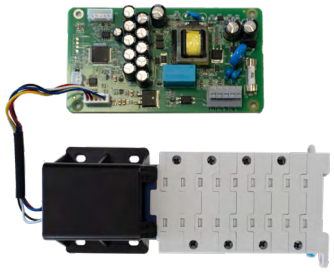
- Series: F7
- Rating: 0013
- Poles: 2P
- Handle: R
- Type of mounting: HM

- 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 63 A
- Handle: Lockable (R) or without out lock (0)
- Mounting Type: DIN Rail (DB), Panel Mounting (PM), Door Interlock (DC), Hole Mounting (HM).
- Available AC/DC (single-phase and three-phase) switches.









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

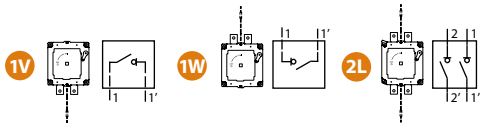


	Rated operational voltage Ue	Rated operational current Ie (A)	Size	Connection	Diagram *(2) Code	Manual handle External*(1) Code	Manual handle Direct Code
1P 2P *(2)	500V - 750V -1000V DC21B	125	1		S6-0125__S0	DS-SA11	DS-SI11
		160			S6-0160__S0		
		200			S6-0200__S0		
		250			S6-0250__S0		
		315			S6-0315__S0		
		400			S6-0400__D0		
		500	2		S6-0500__S0	DS-LA21	DS-LI21
		630			S6-0630__S0		
	500V - 750V -1000V DC21B	250	1		S6-0250__S00L*	DS-SA11	-
		400	2		S6-0400__S00L*	DS-LA21	-

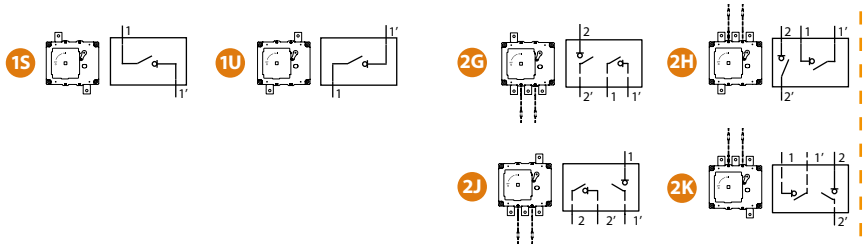
* References only UL.

500 Vdc

*(2)

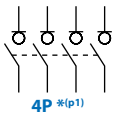


750 Vdc



MOTORIZED HANDLE AVAILABLE KIT UM SEE PAGES 24-25

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





S5 DC



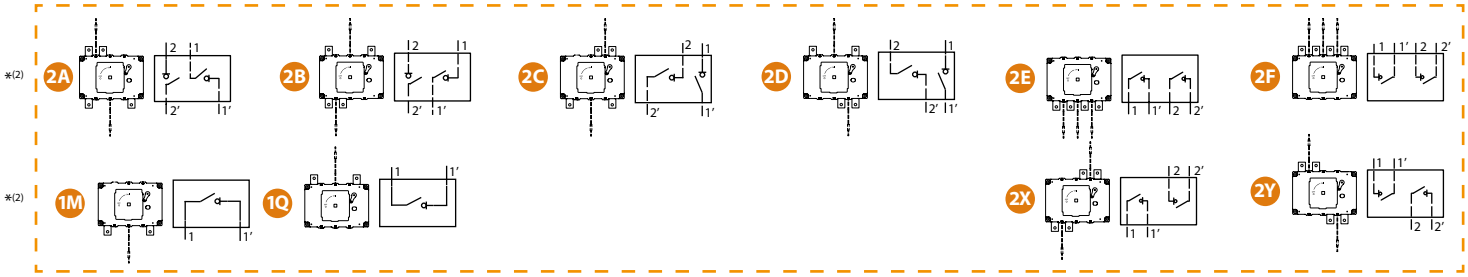
S5N DC

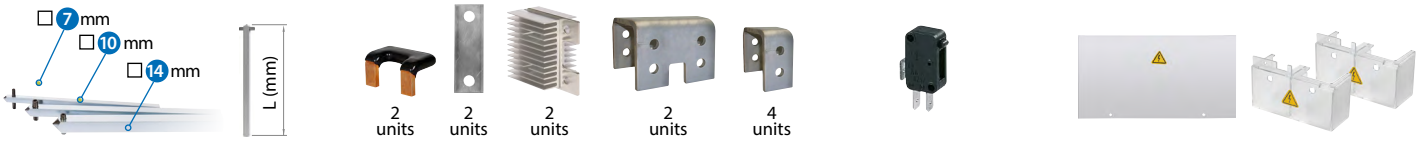
	Rated operational voltage Ue	Rated operational current Ie (A)	Size	Connection	4 pole (4P) *(p1) Code	Manual handle External*(1) Code	Manual handle Direct Code
4P *(p1)	1000V DC21B	850	3		S5-12504PC0	DS-LA31	DS-LI31
		1250			S5-12502EC0		
		1250	4		S5-18004PS0	DS-LA41	DS-LI41
		1800			S5-18002ES0		
	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



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	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	Code	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													

1000 Vdc



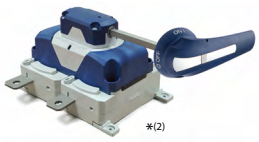


Size	Shaft extensions *(3)			Bridging links *(p1)		Auxiliary contacts *(5)		Terminal protection		Terminal shrouds (2 units) *(4)
	□	Type 1 & 2			Code	1NO+1NC	2NO+2NC	Connection	Code	Code
		L	Code			Code	Code			
3	14	345	DS-EP23		DS-PI31	D5LAU01	D5LAU02	-	-	DS-CU30
		535	DS-EP24		DS-PI3D					DS-CU31
										DS-CU38
										DS-CU39
4	14	485	DS-EP44		DS-PI41 (S5-18004PS0)	D5LAU01	D5LAU02	-	-	DS-CU40
		635	DS-EP45		DS-PI4D (S5-18002ES0 - S5-20002ED0)					DS-CU41
										DS-CU48
										DS-CU49
5 (S5N)	-	-	-			D5LAU01	D5LAU02	-	-	-
		-	-							
					DS-PI4D + D5LPC45 (x2)					

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



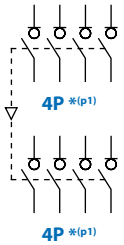




	Rated operational voltage Ue	Rated operational current Ie (A)	Size	Connection	2P Code
2P	1500 V DC21B	160	1		S7-01602PS0
		200			S7-02002PS0
		250			S7-02502PS0
		315			S7-03152PS0
		400			S7-04002PS0
		500			S7-05002PS0
	1500 V DC UL98B	250			S7-02502PS00L*
		320			S7-03202PS00L*
		400			S7-04002PS00L*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

* References only UL.

*(2) For side operation, please consult.



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



S5M DC



S5N DC

	Rated operational voltage Ue	Rated operational current Ie (A)	Size	Connection	4P + 4P *(p1) Code	Manual handle External *(1) Code	Manual handle Direct Code
4P + 4P *(p1)	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

For motorized unit, please consult

*(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.

*(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	
					-	
					-	
					-	
					-	


3 units


2 units


2 units


4 units


2 units



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**
	-	-		

Changeover AC | DC & DC | DC

Testing and approvals:

S5F AC/DC SERIES | 4P + 4P | 160A-630A





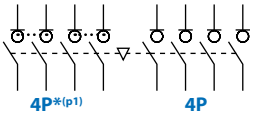
S5F



UM

	Rated operational voltage		Size	Connection	4P + 4P *(p1)	Manual handle		UM-C Motorized unit kit (I - O - II)
	DC	AC				External *(1)	Direct	
4P + 4P	DC21B	Amp			Code	Code	Code	Code
	50 A/800 V	160	0		**S5F01604PS0PA4**	**D5LLA01**	**D5LSI01**	**UM-C0A230Z**
	160 A/1000 V	200	1		**S5F02004PR0PA4**	**D5LLA11**	**D5LLI12**	**UM-C15230Z**
	250 A/1000 V	315			**S5F03154PR0PA4**	**D5LLA11**	**D5LLI12**	**UM-C15230Z**
	400 A/1000 V	400			**S5F04004PC0PA4**	**D5LLA11**	**D5LLI12**	**UM-C15230Z**
	630 A/1000 V	500	2		**S5F06304PR0PA4**	**D5LLA21**	**D5LLI22**	**UM-C25230M**

S5L AC/DC SERIES | 4P + 4P | 160A-315A





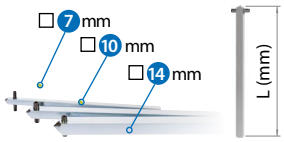
	Rated operational voltage		Size	Connection	4P + 4P *(p1)	Manual handle	
	DC	AC				External *(1)	Direct
4P + 4P	DC21B	Amp			Code	Code	Code
	50 A/800 V	160	0		**S5L01604PB0PA4**	**D5LLA01**	**D5LSI01**
	160 A/1000 V	200	1		**S5L02004PR0PA4**	**D5LLA11**	**D5LLI12**
	250 A/1000 V	315			**S5L03154PR0PA4**	**D5LLA11**	**D5LLI12**

S5F DC/DC SERIES | 4P

DC | DC21B Part	Size	Connection	Tetrapolar (4P + 4P)	Bridging links	
				Serie	Comun
			Code	Code	Code
DC21B-900Vdc-40A	0		S5F01604PS0	-	D5LPC03
DC21B-1000Vdc-160A	1		S5F02004PR0	DS-PI11	D5LPC12
DC21B-1000Vdc-250A	1		S5F03154PR0	DS-PI11	
DC21B-1000Vdc-400A	1		S5F04004PC0	DS-PI14	
DC21B-1000Vdc-630A	2		S5F06304PR0	DS-PI21	D5LPC22
DC21B-1000Vdc-630A	2		S5F08004PC0	DS-PI2D	
DC21B-1000Vdc-850A	3		S5F12504PC0	DS-PI31	D5LPC32
DC21B-1000Vdc-1250A	4		S5F18004PS0	DS-PI41	D5LPC42

According to:

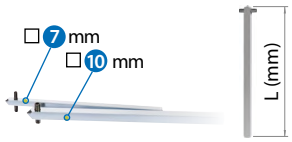
IEC 60947-3 | RoHS







Size	Shaft extensions *(2)			Auxiliary contacts *(3)		Bridging links *(p1)	
	□	Type 1 & 2		1NO+1NC	2NO+2NC	Connection	2 units
		L	Code	Code	Code	Code	Code
0	7	250	**DS-EP04**	**DS-AU11**	**DS-AU12**		**DS-PI01**
1	10	375	**DS-EP14**	**DS-AU11**	**DS-AU12**		**DS-PI11**
							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	Code	Code	Code	Code
0	7	250	**DS-EP04**	**D5LAU01**	**D5LAU02**		**DS-PI05**
1	10	375	**DS-EP14**	**D5LAU01**	**D5LAU02**		**DS-PI11**

S5L DC/DC SERIES | 4P

DC | DC21B Part	Size	Connection	Tetrapolar (4P + 4P) *(p1)	Bridging links	
				Serie	Comun
			Código	Código	Código
DC21B-900Vdc-40A	0		S5L01604PB0	DS-PI05	D5LPC01
DC21B-1000Vdc-160A	1		S5L02004PR0	DS-PI11	D5LPC11
DC21B-1000Vdc-250A	1		S5L03154PR0		

*(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:

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





S5 DC
ISOLATION ONLY

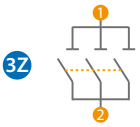


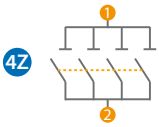
S6 DC
ISOLATION ONLY

	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	Unipolar (1P) *(p1)		Manual handle ISOLATION ONLY	
							External*(1)	Direct
	Ue				Code	Diagram	Code	Code
1P *(p1)	1500 V DC20A	160	1		S6-01601VS0P38	1V	DS-SA11T	DS-SI11T
		200			S6-02001VS0P38	1V		
		250			S6-02501VS0P38	1V		
		400			S6-04001VD0P38	1V		
		800	1		S5-04003ZC0P38	3Z	DS-SA11T	DS-SI11T
		1000			S5-04004ZC0P38	4Z		
		630	2		S6-06301VS0P38	1V	DS-LA21T	DS-LI21T
		1600			S5-08004ZC0P38	4Z		
		2500	3		S5-12504ZC0P38	4Z	DS-LA31T	DS-LI31T

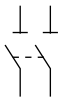
*(2)







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





S5 DC
ISOLATION ONLY



S6 DC
ISOLATION ONLY

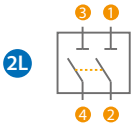


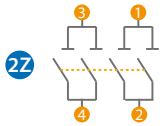
S6 DC 2P
ISOLATION ONLY

	Rated operational voltage	Rated operational current Ie (A)	Size	Connection	Bipolar (2P) *(p1)		Manual handle ISOLATION ONLY	
							External*(1)	Direct
	Ue				Code	Diagram	Code	Code
2P *(p1)	1500 V DC20A	160	1		S6-01602LS0P38	2L	DS-SA11T	DS-SI11T
		200			S6-02002LS0P38	2L		
		250			S6-02502LS0P38	2L		
		400			S6-04002LD0P38	2L		
		630	2		S6-06302LS0P38	2L	DS-LA21T	DS-LI21T
		800			S6-08002LD0P38	2L		
		2200	3		S5-12504ZC0P38	2Z	DS-LA31T	DS-LI31T
		1600	4		S6-16002PS0P38	2P	DS-LA41T	DS-LI41T
		1800			S6-18002PS0P38	2P		
		2500			S5-16004ZS0P38	2Z		
		3150			S5-18004ZS0P38	2Z		



*(2)





*(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.

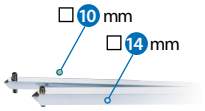
*(2) Other configurations are available. Please, consult.

*(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



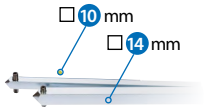









Size	Shaft extensions *(3)			Bridging links *(p1)	Auxiliary contacts *(4)		Phase barriers		Spacers (4 units)	Terminal protection *(5)	Terminal shrouds *(5)
	□	Type 1 & 2		Code	1NO+1NC	2NO+2NC	1 unit	2 units	Code	Code	Code
		L	Code		Code	Code	Code	Code			
1	10	375	**DS-EP14**	-	**D5LAU01**	**D5LAU02**	**DR-SF11**	**DR-SF12**	**DR-EL11**	-	**DR-CU11**
		536	**DS-EP15**								
1	10	375	**DS-EP14**	**DS-PI1G**	**D5LAU01**	**D5LAU02**	-	-	-	**DS-CU12**	-
		536	**DS-EP15**	**DS-PI1H**							
2	14	345	**DS-EP23**	-	**D5LAU01**	**D5LAU02**	**DR-SF21**	**DR-SF22**	**DR-EL21**	-	**DR-CU21**
		535	**DS-EP24**	**DS-PI2H**	**D5LAU01**	**D5LAU02**	-	-	-	**DS-CU22**	-
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		Code	Code	Code	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-PI3L (x 2)**	**D5LAU01**	**D5LAU02**	-	-	-	-
		535	**DS-EP24**							
4	14	48 5	**DS-EP44**	**DS-PI4K (x 2)**	**D5LAU01**	-	-	**DR-SF42**	-	**DR-CU42** (x2)
		635	**DS-EP45**							
		48 5	**DS-EP44**	**DS-PI4K (x 2)**	**D5LAU01**	**D5LAU02**	-	-	-	-
		635	**DS-EP45**							

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

*(4) 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.

*(5) One unit for input or output.

ISOLATION ONLY



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AENOR GESTIÓN AMBIENTAL ISO 14001
AENOR SEGURIDAD Y SALUD EN EL TRABAJO ISO 45001

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