INTERRUTTORI DI MANOVRA SEZIONATORI

_SWITCHES DISCONNECTORS

SD 16 ÷ 200 A

COMMUTATORI MANUALI

_ MANUAL CHANGE OVER SWITCHES

CO-SD 16 ÷ 160 A

GENERALITÀ
Gli interruttori-sezionatori modulari della serie SD, consentono l'interruzione e il sezionamento sotto carico di macchine e linee di bassa tensione con correnti nominali da 16 a 200 A.

IMPIEGO
Gli apparecchi della serie SD sono abitualmente impiegati nelle seguenti funzioni:
interruttore generale
interruttore per partenze motori
interruttore di sicurezza
sezionatore

CARATTERISTICHE GENERALI
Alto potere d'interruzione (AC 22 A - AC 23 A)
Doppia interruzione per ogni polo
Elevata durata meccanica ed elettrica
Adatto per l'utilizzo in climi tropicali
Grado di protezione IP20 (accessori inclusi)
Esecuzione modulare montaggio su profilato DIN 35 mm e a vite, finestra modulare 45 mm.

GAMMA
SD1 corpo tripolare con le portate da 16 - 25 - 32 - 40 - 63 A
SD2 corpo tripolare con le portate da 63 - 80 - 100 - 125 A
SD3 corpo tripolare con le portate da 100 - 125 - 160 - 200 A

POLI AGGIUNTIVI
Quarto polo neutro standard con contatti ad apertura posticipata e chiusura anticipata rispetto ai contatti di fase.
Quarto polo neutro passante.
Polo di terra passante. Polo contemporaneo a richiesta.

COMANDO
Maniglia diretta nera (esecuzione standard), o di emergenza lucchettabile in posizione di zero.
Maniglia con blocco porta, nera, o di emergenza, con possibilità di tre blocchi lucchettabili in posizione di 0.
Grado di protezione IP 65.

CONDIZIONI NORMALI DI SERVIZIO, MONTAGGIO E TRASPORTO
temperatura ambiente di immagazzinamento e trasporto - 25°C + 55°C
temperatura ambiente di funzionamento - 20°C + 40°C
in caso di temperatura ambiente (t_a) superiore, applicare la seguente formula di declassamento:

$$I_{The} = k\, I_{Th} \text{ dove } K = 1 - \frac{t - 40}{100}$$

altitudine max 2000 m s.l.m.
grado di inquinamento 3 secondo IEC 60947-1
tipo di servizio (secondo UNI EN 60947-1):
8 ore; ininterrotto: intermittente 60% classe 30
Per condizioni di impiego diverse consultare il costruttore.

CONFORMITÀ ALLE NORME
IEC 60947-1 | IEC 60947-3 | UNI EN 60947-1 | UNI EN 60947-3 | UL 60947-1 | UL 60947-4-1

CERTIFICATI E OMOLOGAZIONI
IEC | EAC | UL EAC | CSA

_GENERALITIES
The modular switch disconnectors of SD series, allow the breaking and the disconnecting on load of equipment on low voltage at nominal current from 16 to 200 A.

_USE
The switch disconnectors of SD series are commonly used for the following purposes:
main switch
switch for motors
safety switch
disconnector

_GENERAL CHARACTERISTICS
High breaking capacity (AC 22 A - AC 23 A)
Double break contacts on each pole
High electrical and mechanical endurance
Resistant to damp heat
IP20 degree of protection (with accessory)
Modular execution, basic mounting on 35 mm DIN rail and by screws, modular window 45 mm.

_RANGE
SD1 three poles 16 - 25 - 32 - 40 - 63 A
SD2 three poles 63 - 80 - 100 - 125 A
SD3 three poles 100 - 125 - 160 - 200 A

_ADDITIONAL POLES
Fourth neutral pole makes erlier and opens later than the phase contacts.
Fourth pole solid neutral.
Earth pole. Contemporary pole under request.

_OPERATING MECHANISM
Black (standard execution) or emergency direct handle padlockable in 0 position. Handle with door interlock handle, black or emergency handle padlockable with up to three padlocks in 0 position.
IP 65 degree of protection.

_STANDARD SERVICE, MOUNTING AND TRANSPORT CONDITIONS
Transport and storage ambient temperature - 25°C + 55°C
working ambient temperature - 20°C + 40°C
in case of higher ambient temperature (t_a), consider the following derating formula:

$$I_{The} = k\, I_{Th} \text{ where } K = 1 - \frac{t - 40}{100}$$

altitude max 2000 m a.s.l.
pollution degree 3 according IEC 60947-1 duty (UNI EN 60947-1):
8 hours; uninterrupted; intermittent 60% class 30
For other operating conditions please contact the manufacturer.

_CONFORMITY TO STANDARDS
IEC 60947-1 | IEC 60947-3 | UNI EN 60947-1 | UNI EN 60947-3 | UL 60947-1 | UL 60947-4-1

_CERTIFICATES AND APPROVALS
IEC | EAC | UL EAC | CSA

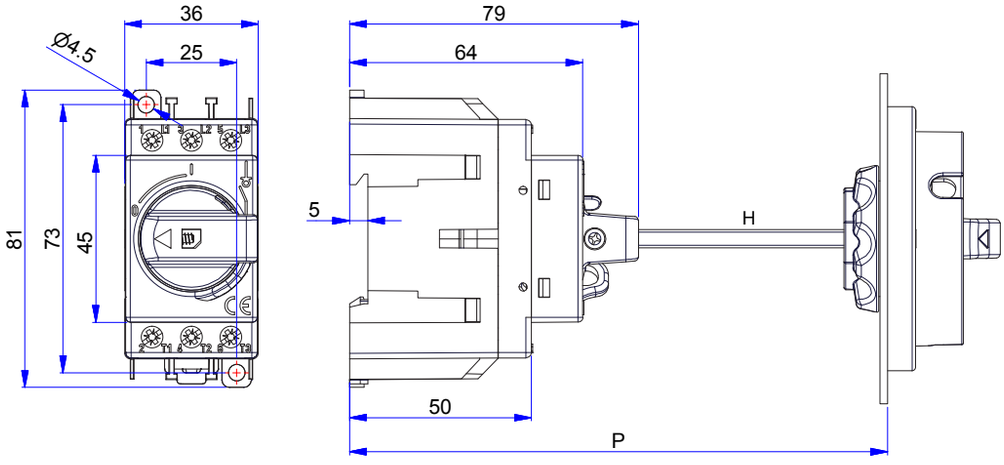
Tipo Type	Corrente nominale Rated current	IEC				UL			
		Maniglia diretta Direct handle		Maniglia emergenza Direct emergency handle		Maniglia diretta Direct handle		Maniglia emergenza Direct emergency handle	
	A	POLI _POLES	CODICE _CODE	POLI _POLES	CODICE _CODE	POLI _POLES	CODICE _CODE	POLI _POLES	CODICE _CODE
SD1	16	3	19300	3	19310	3	19300UL	3	19310UL
		4	19330	4	19350	4	19330UL	4	19350UL
		6	193006	6	193106	6	193006UL	6	-
		8	193308	8	193508	8	-	8	-
	25	3	19301	3	19311	3	19301UL	3	19311UL
		4	19331	4	19351	4	19331UL	4	19351UL
		6	193016	6	193116	6	193016UL	6	-
		8	193318	8	193518	8	-	8	-
	32	3	19302	3	19312	3	19302UL	3	19312UL
		4	19332	4	19352	4	19332UL	4	19352UL
		6	193026	6	193126	6	193026UL	6	-
		8	193328	8	193528	8	-	8	-
	40	3	19303	3	19313	3	19303UL	3	19313UL
		4	19333	4	19353	4	19333UL	4	19353UL
		6	193036	6	193136	6	193036UL	6	-
		8	193338	8	193538	8	-	8	-
	63	3	19304	3	19314	3	-	3	-
		4	19334	4	19354	4	-	4	-
		6	193046	6	193146	6	-	6	-
		8	193348	8	193548	8	-	8	-
SD2	63	3	-	3	-	3	19205UL	3	19215UL
		4	-	4	-	4	19235UL	4	19255UL
		6	-	6	-	6	192056UL	6	-
		8	-	8	-	8	-	8	-
	80	3	19206	3	19216	3	19206UL	3	19216UL
		4	19236	4	19256	4	19236UL	4	19256UL
		6	192066	6	192166	6	192066UL	6	-
		8	192368	8	192568	8	-	8	-
	100	3	19207	3	19217	3	19207UL	3	19217UL
		4	19237	4	19257	4	19237UL	4	19257UL
		6	192076	6	192176	6	192076UL	6	-
		8	192378	8	192578	8	-	8	-
	125	3	19208	3	19218	3	19208UL	3	19218UL
		4	19238	4	19258	4	19238UL	4	19258UL
		6	192086	6	192186	6	192086UL	6	-
		8	192388	8	192588	8	-	8	-
SD3	100	3	-	3	-	3	19700UL	3	19710UL
		4	-	4	-	4	19730UL	4	19750UL
		6	-	6	-	6	-	6	-
		8	-	8	-	8	-	8	-
	125	3	19701	3	19711	3	19701UL	3	19711UL
		4	19731	4	19751	4	19731UL	4	19751UL
		6	197016	6	197116	6	-	6	-
		8	197318	8	197518	8	-	8	-
	160	3	19702	3	19712	3	19702UL	3	19712UL
		4	19732	4	19752	4	19732UL	4	19752UL
		6	197026	6	197126	6	-	6	-
		8	197328	8	197528	8	-	8	-
	200	3	19703	3	19713	3	-	3	-
		4	19733	4	19753	4	-	4	-
		6	197036	6	197136	6	-	6	-
		8	197338	8	197538	8	-	8	-

SERIE_SERIES **SD**

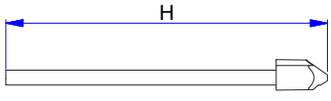
Caratteristiche tecniche _technincal features	Tipo _Type		SD1					SD2			SD3		
	In	A	16	25	32	40	63	80	100	125	125	160	200
Tensione nominale d'isolamento _Rated insulation voltage	Ui	V	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Tensione nominale tenuta impulso _Shock resistance	Uimp	kV	4	4	4	4	4	8	8	8	8	8	8
Corrente nominale termica a 40°C _Thermal current at 40°C	Ith/ Ithe	A	16	25	32	40	63	80	100	125	125	160	200
Corrente nominale d'impiego _Rated operational current													
AC-21A	415V	A	16	25	32	40	63	80	100	125	125	160	200
	500V	A	16	25	32	40	63	80	100	125	125	160	160
	690V	A	16	25	32	40	63	80	100	125	125	160	160
AC-22A	415V	A	16	25	32	40	63	80	100	125	125	160	200
	500V	A	16	25	32	40	63	80	100	125	125	160	160
	690V	A	16	25	32	40	63	80	100	125	125	160	160
AC-23A/B	415V	A	16	25	32	40	63	80	100	100	125	160	160
	500V	A	16	16/25	32	40	63	63	63	63	125	160	160
	690V	A	16	16/25	32	40	63	63	63	63	125	125	125
Potere di chiusura a 415V AC23 _Rated making capacity at 415V AC23		A	160	250	320	400	630	800	1000	1250	1250	1600	1600
Potere di interruzione a 415V AC23 _Breaking capacity at 415V AC23		A	128	200	256	320	504	640	800	1024	1000	1280	1280
Potenza nominale di impiego AC23 _Rated operational power AC23	415V	kW	8	11	14	18	29	37	46	46	55	69	69
	500V	kW	8	14	17	22	35	35	35	35	65	83	83
	690V	kW	12	19	24	31	48	48	48	48	90	90	90
Corrente di breve durata per 1 sec _Short-circuit withstand currente 1 sec	400V	kA	1,1	1,1	1,1	1,1	1,1	1,5	1,5	1,5	3	3	3
Potere di chiusura in corto circuito _Short-circuit making capacity	400V	kA	2,1	2,1	2,1	2,1	2,1	3,5	3,5	3,5	4,5	4,5	4,5
Corrente di corto circuito condizionata da fusibile _fuse protected short-circuit withstand													
Tipo fusibile gG DIN _gG DIN Backup associated fuse rating		A	16	25	32	40	63	80	100	125	125	160	200
Valore efficace/_R.M.S. value		kA	10	10	10	10	10	10	10	10	10	10	10
Durata meccanica _Mechanical endurance		n.	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Durata elettrica _Electrical endurance		n.	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Potenza dissipata per polo _Power loss per pole		W	0,1	0,1	0,2	0,3	0,8	1,3	2	3,1	2,5	3	3
Dimensione cavo _Cable section		mm^2	16	16	16	16	16	50	50	50	70	70	70
Max.torsione terminali _Tightening torque		Nm	2	2	2	2	2	2,5	2,5	2,5	6	6	6
Sforzi di manovra _Operating torque		Nm	1,6	1,6	1,6	1,6	1,6	2	2	2	2,6	2,6	2,6
Peso netto _Net weight	3P	Kg.	0,13	0,13	0,13	0,13	0,13	0,25	0,25	0,25	0,4	0,4	0,4
	4P	Kg.	0,16	0,16	0,16	0,16	0,16	0,32	0,32	0,32	0,5	0,5	0,5
	6P	Kg.	0,3	0,3	0,3	0,3	0,3	0,55	0,55	0,55	0,8	0,8	0,8
	8P	Kg.	0,4	0,4	0,4	0,4	0,4	0,62	0,62	0,62	1	1	1

Tipo _Type			SD1				SD2				SD3		
Corrente nominale _Rated current	In	A	16	25	32	40	63	80	100	125	100	125	160
Uso generale _General use		V AC	600	600	600	600	600	600	600	600	600	600	600
Valore di corto circuito _Short circuit rating		kA	5	5	5	5	5	5	5	5	10	10	10
Valore nominale fusibile _Fuse rating		A	40	40	40	40	125	125	125	125	175	175	175
Max potenza impiego _Max horsepower UL 3 fasi _3 phases	120V	Hp	3	3	3	3	5	5	5	5	15	20	20
	240V	Hp	5	7,5	7,5	10	10	15	15	15	30	40	40
	415V	Hp	7,5	10	10	15	20	25	25	25	50	600	60
	480V	Hp	10	15	20	20	25	30	30	30	75	100	100
	600V	Hp	15	20	25	30	30	40	40	40	100	125	125
Max potenza impiego _Max horsepower UL 1 fase _1 phase	120V	Hp	3	3	3	3	3	5	5	5	-	-	-
	240V	Hp	5	5	5	5	8	10	10	10	-	-	-
	480V	Hp	15	15	15	15	20	20	20	20	-	-	-
Max carico avviamento motore _Max full load motor running UL 3 fasi _3 phases	120V	A	19,2	19,2	19,2	19,2	30,4	30,4	30,4	30,4	84	108	108
	240V	A	15,2	22	22	28	42	42	42	42	80	104	104
	415V	A	14	18	18	27	44	44	44	44	83	103	103
	480V	A	14	21	27	27	40	40	40	40	84	104	104
	600V	A	17	22	27	32	41	41	41	41	99	125	125
Max carico avviamento motore _Max full load motor running UL 1 fase _1 phase	120V	A	34	34	34	34	34	56	56	56	-	-	-
	240V	A	28	28	28	28	40	50	50	50	-	-	-
	480V	A	34	34	34	34	44	44	44	44	-	-	-
Potenza nominale di impiego AC23 _Rated operational power AC23	415V	kW	8	11	14	18	29	37	46	46	55	69	69
	500V	kW	8	14	17	22	35	35	35	35	65	83	83
	690V	kW	12	19	24	31	48	48	48	48	90	90	90
Durata meccanica _Mechanical endurance		n.	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
Durata elettrica _Electrical endurance		n.	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
Dimensione cavi _Cable section		AWG	6÷16	6÷16	6÷16	6÷16	1÷6	1÷6	1÷6	1÷6	3/0÷6	3/0÷6	3/0÷6
Tipo terminale _Tightening type			Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
Max.torsione terminali _Tightening torque		Nm	2	2	2	2	3,5	3,5	3,5	3,5	6	6	6
Peso netto _Net weight		Kg	0,13	0,13	0,13	0,13	0,25	0,25	0,25	0,25	0,25	0,25	0,25

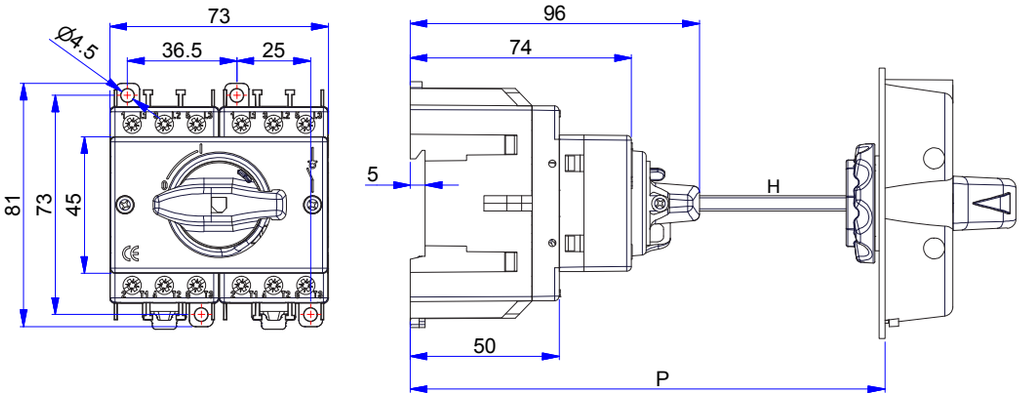
SD1 3 - 4 POLI _poles



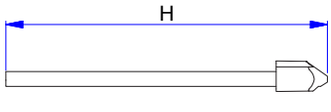
SD1			
HANDLE	P	C	H
19460 - 19461	--	34	P-C
19466 - 19467	--	22	P-C



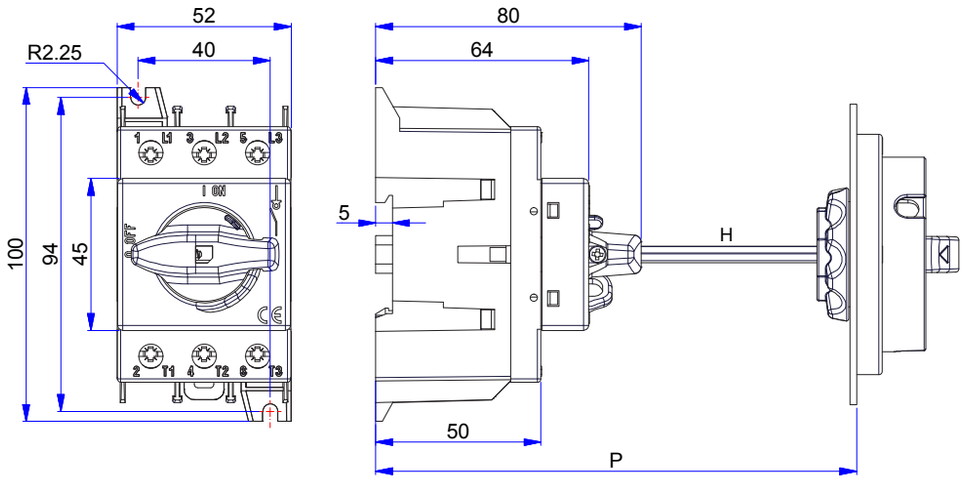
SD1 6 - 8 POLI _poles



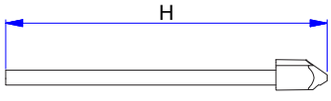
SD1 6 POLI			
HANDLE	P	C	H
19466 - 19467	--	40	P-C



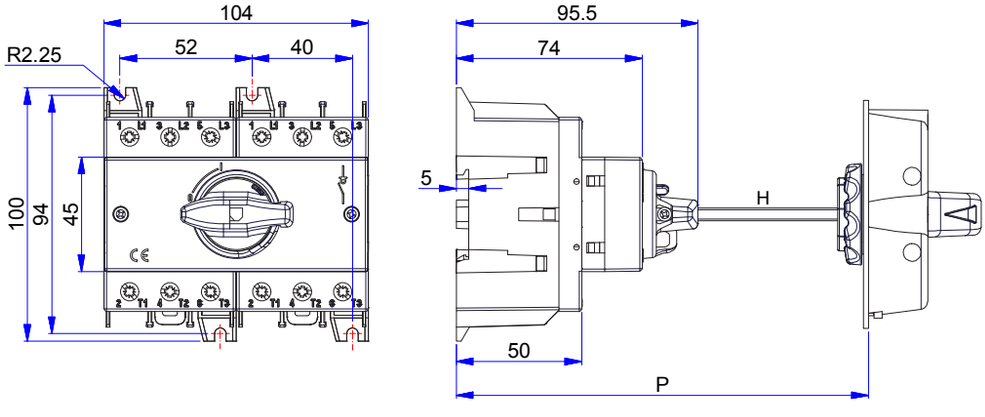
SD2 3 - 4 POLI _poles



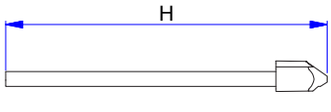
SD2			
HANDLE	P	C	H
19460 - 19461	--	32	P-C
19466 - 19467	--	20	P-C



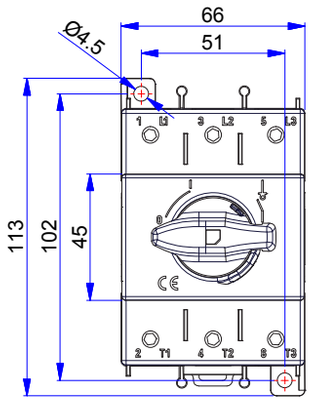
SD2 6 - 8 POLI _poles

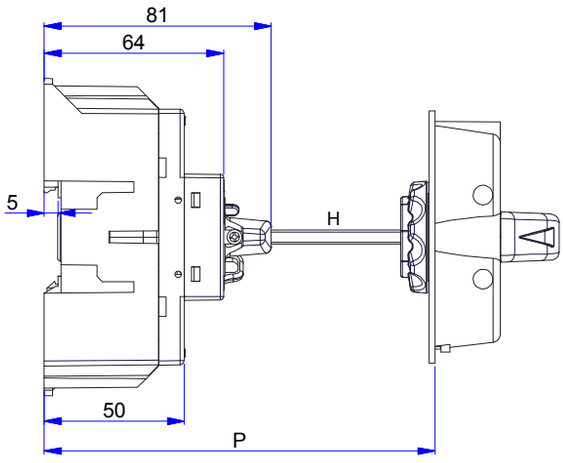


SD2 6 POLI			
HANDLE	P	C	H
19466 - 19467	--	40	P-C

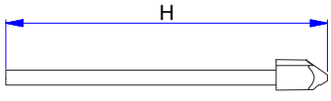


SD3 3 - 4 POLI _poles

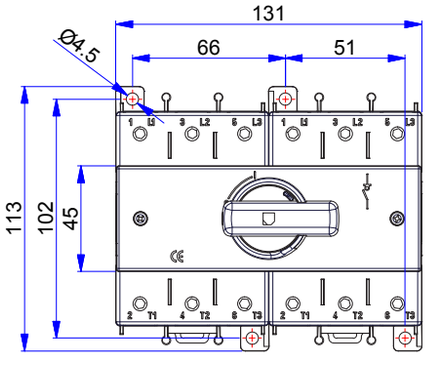


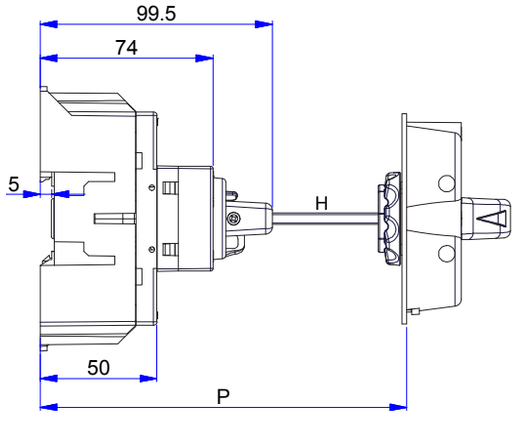


SD3			
HANDLE	P	C	H
19460 - 19461	--	35	P-C
19466 - 19467	--	23	P-C

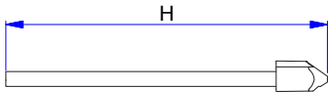


SD3 6 - 8 POLI _poles





SD3 6 POLI			
HANDLE	P	C	H
19466 - 19467	--	40	P-C

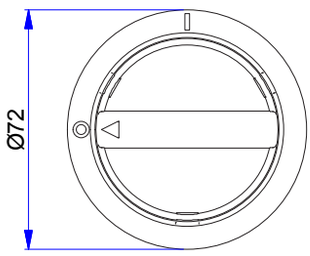


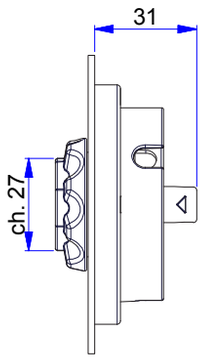
3 - 4 POLI _poles

MANIGLIE BLOCCO PORTA _Door interlock handles

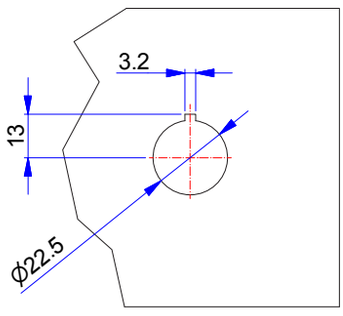
19460

19461





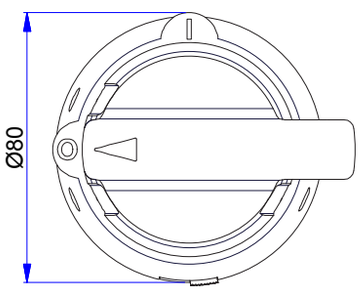
Foratura portella _Door drilling

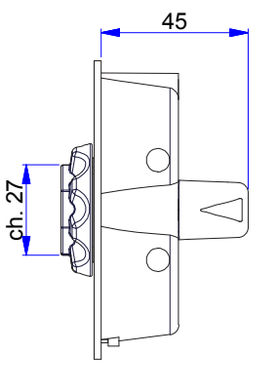


3 - 4 POLI / 6-8 POLI _poles
MANIGLIE CON SBLOCCO PORTA_ handles with defeater mechanism

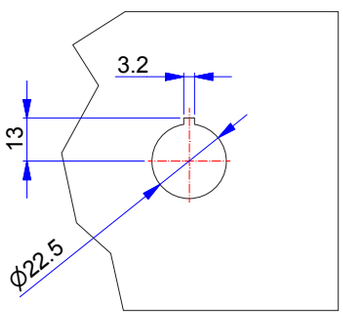
19466

19467





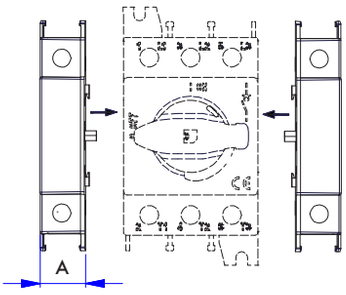
Foratura portella _Door drilling



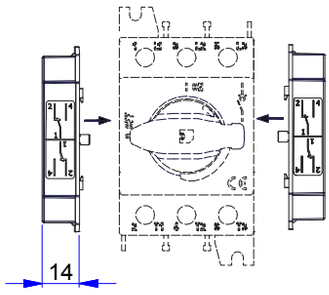
ALBERO DI COMANDO CON PUNTALE
_shaft for external operation with tip

Tipo _type	SD1 - SD2 alluminio _alluminium			SD1 - SD2 - SD3 acciaio _steel		
Poli _poles	3-4			3-4 | 6-8		
mm	100	200	300	100	200	300
Codice _code	19535-100P	19535-200P	19535-300P	19534-100P	19534-200P	19534-300P

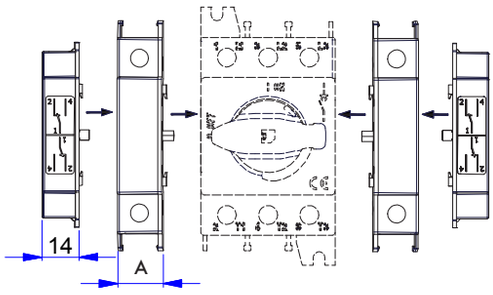
montaggio poli addizionali
_additional poles assembly



montaggio contatti ausiliari
_auxiliary contacts assembly



montaggio poli addizionali + contatti ausiliari
_additional poles + auxiliary contacts assembly



Tipo_Type	SD1	SD2	SD3
A	14	17	22

4° POLO NEUTRO _4th pole neutral

SD1 19320
SD2 19418
SD3 19450

MORSETTO DI TERRA _Earthing neutral

SD1 19322
SD2 19422
SD3 19452

NEUTRO PASSANTE _Solid neutral

SD1 19321
SD2 19420
SD3 19451

4° POLO CONTEMPORANEO _Contemporary 4th pole

SD1 19442
SD2 19443
SD3 19444

CONTATTI AUSILIARI IN SCAMBIO 1NA + 1NC _auxiliary contacts 1NO + 1NC

Contatti ausiliari in scambio terminali a vite
_Auxiliary contacts screw terminals

Tipo _type	SD1	SD2	SD3
Codice _code	19429	19429	19429

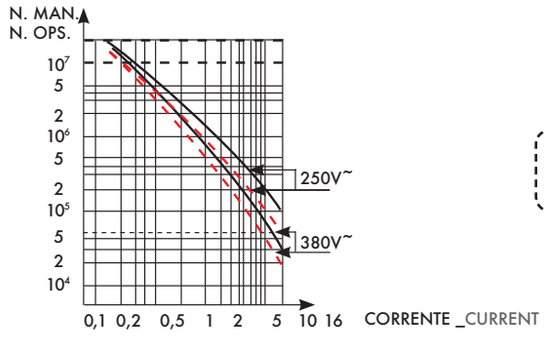
Contatti ausiliari in scambio terminali a Faston
_Auxiliary contacts Faston terminals

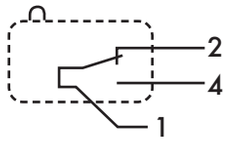
Tipo _type	SD1	SD2	SD3
Codice _code	19430	19430	19430

Per il montaggio dei contatti ausiliari addossati al 4° polo, ordinare la confezione viti cod 11190311
_For the installation of the auxiliary contacts on the 4th pole, please order the screws set with code 11190311

Contatti ausiliari in scambio
Apertura anticipata rispetto all'apertura dei contatti principali dell'interruttore
Portata nominale 16A
Portata termica 20A

_Auxiliary contacts break before make contacts switches
Rated current 16A
Thermal current 20A





KIT COPRI TERMINALI 4° POLO _4th pole terminals cover kit

SD1 19426
SD2 19427
SD3 19454

KIT COPRI TERMINALI 3 POLI _3 poles terminals cover kit

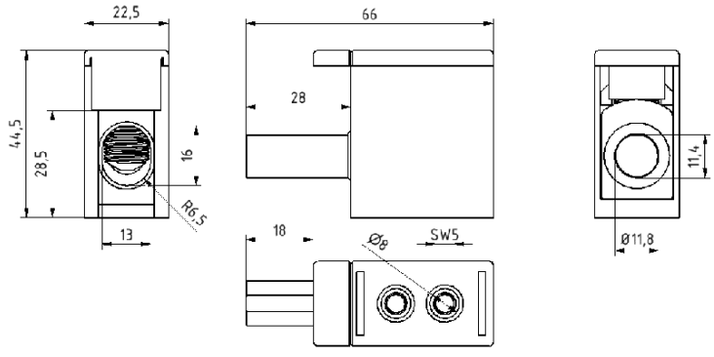
SD1 19424
SD2 19425
SD3 19453

MORSETTO ADATTATORE 200A PER CAVI DA 95MM² _Terminal adapter 200A for 95 mm² cables

Il codice include 3 pezzi _3 pcs in each code

Codice _code :19565

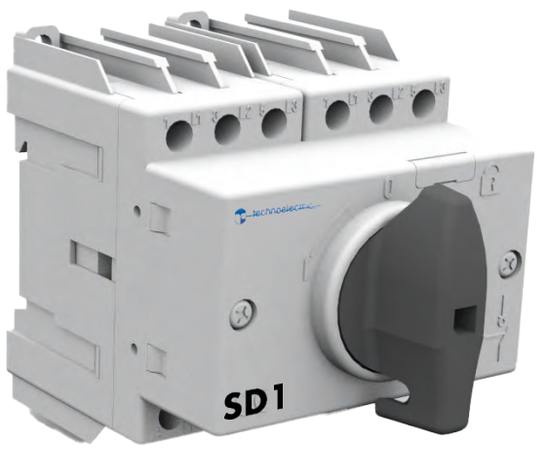
Poli _poles	Diametro massimo cavo _Max. Cross section	Corrente Nominale _Nominal current	Tensione Nominale _Nominal voltage
1	120	190A - 200A	690V



Adattatore terminali per cavo da 95 mm². per il collegamento di conduttori in alluminio e rame alle apparecchiature. Il corpo è in alluminio stagnato e l'alloggiamento è in poliammide.

_Terminal Adapter for 95 sqmm cable. for connecting Al-and Cu-conductors to equipment. Body is made of tin-plated aluminium and housing is polyamid.

COMMUTATORI MANUALI
_MANUAL CHANGEOVER SWITCHES
CO-SD 16 ÷ 160 A



GENERALITÀ COMMUTATORE SD

I commutatori manuali SD, consentono la commutazione di 2 linee elettriche separate di bassa tensione.
Sono realizzati interbloccando due normali interruttori della serie SD

Disponibili in versione standard I-0-II (pos 0 entrambi i sezionatori sono aperti) ed in versione "OL" a transizione chiusa I-I+II-II (pos I+II entrambi i sezionatori sono chiusi).

GAMMA

CO-SD1 commutatore con portate da 16 - 25 - 32 - 40 - 63 A
CO-SD2 commutatore con portate da 80 - 100 - 125 A
CO-SD3 commutatore con portate da 125 - 160 A

COMANDO

Maniglia diretta lucchettabile in posizione di zero.
Maniglia con e senza blocco porta.

CONFORMITÀ ALLE NORME

IEC 60947/1-3 | UNI EN 60947/1-3 | UL | EAC | CSA

_SD CHANGE-OVER SWITCHES GENERALITIES

The manual change-over switches SD series, allow the change-over of two low voltage electrical circuits.
They are made by two standard switches of SD series mechanically interlocked

Available in standard version I-0II (pos 0 both switches are OFF) and in close transition "OL" version I-I+II-II (pos I+II both switches are ON).

_RANGE

CO-SD1 change-over switches 16 - 25 - 32 - 40 - 63 A
CO-SD2 change-over switches 80 - 100 - 125 A
CO-SD3 change-over switches 125 - 160 A

_OPERATING MECHANISM

Direct handle padlockable in 0 position.
Handle with and without door interlock handle.

_CONFORMITY TO STANDARDS

IEC 60947/1-3 | UNI EN 60947/1-3 | UL | EAC | CSA

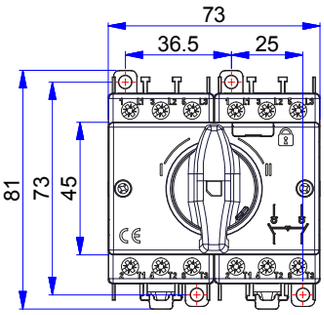
CODICI ORDINAZIONE _ORDER REFERENCES

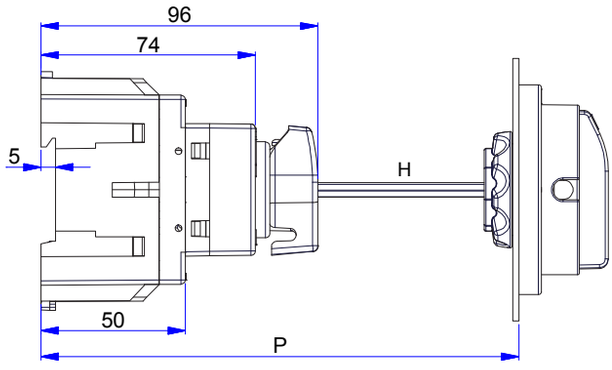
			IEC		UL	
Tipo _Type	Corrente nominale _Rated current	poli _poles	Versione I-0-II Version I-0-II	Versione I – I+II – II Version I – I+II – II	poli _poles	Versione I-0-II Version I-0-II
CO SD1	16A	3	193003	193003OL	3	193003UL
		4	193303	193303OL	4	-
	25A	3	193013	193013OL	3	193013UL
		4	193313	193313OL	4	-
	32A	3	193023	193023OL	3	193023UL
		4	193323	193323OL	4	-
	40A	3	193033	193033OL	3	193033UL
		4	193333	193333OL	4	-
	63A	3	193043	193043OL	3	-
		4	193343	193343OL	4	-
CO SD2	63A	3	-	-	3	192053UL
		4	-	-	4	-
	80A	3	192063	192063OL	3	192063UL
		4	192363	192363OL	4	-
	100A	3	192073	192073OL	3	192073UL
		4	192373	192373OL	4	-
	125A	3	192083	192083OL	3	192083UL
		4	192383	192383OL	4	-
CO SD3	125A	3	197013	197013OL	3	-
		4	197313	197313OL	4	-
	160A	3	197023	197023OL	3	-
		4	197323	197323OL	4	-

Dettaglio versione Overlapping (OL)
_Close look to Overlapping (OL) version

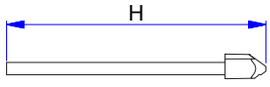
Dettaglio versione Commutatore (CO)
_Close look to Changeover (CO) version

CO SD1

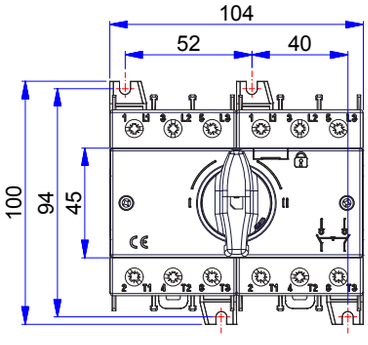


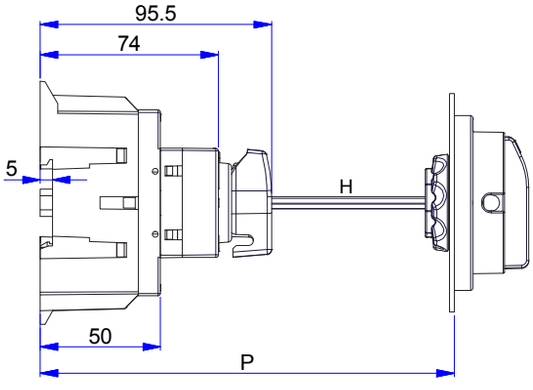


CO SD1			
HANDLE	P	C	H
19462	--	52	P-C
19459	--	40	P-C

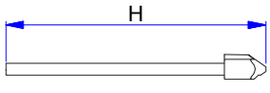


CO SD2

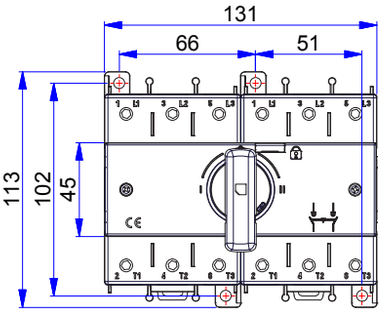


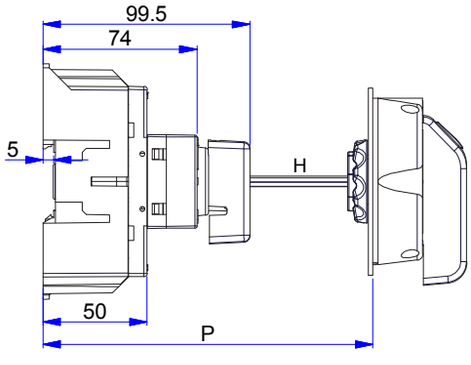


CO SD2			
HANDLE	P	C	H
19462	--	52	P-C
19459	--	40	P-C

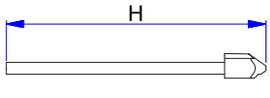


CO SD3

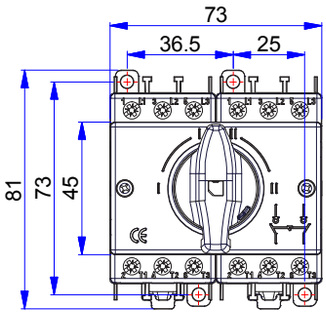


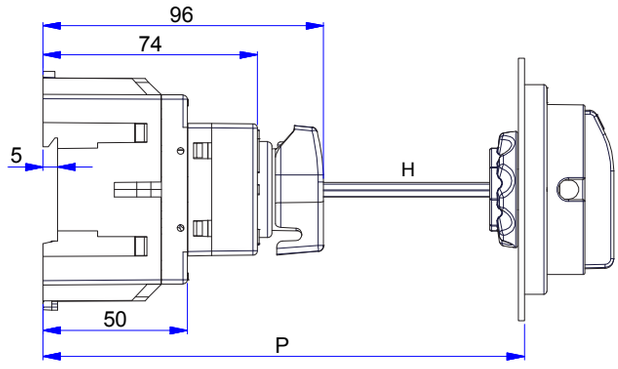


CO SD3			
HANDLE	P	C	H
19462	--	52	P-C
19459	--	40	P-C

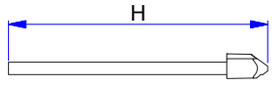


CO SD1 OL

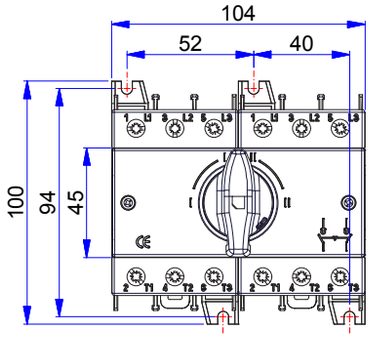


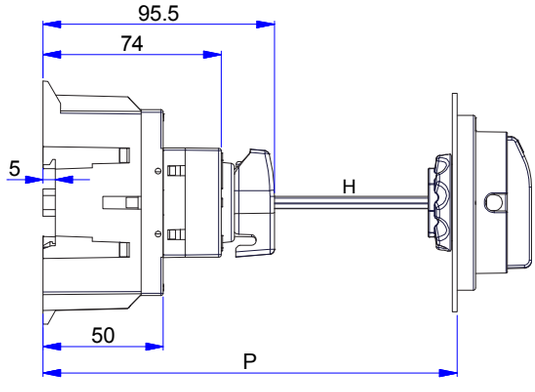


CO SD1 OL			
HANDLE	P	C	H
19457	--	52	P-C
19458	--	40	P-C

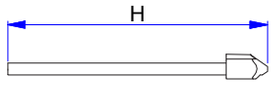


CO SD2 OL

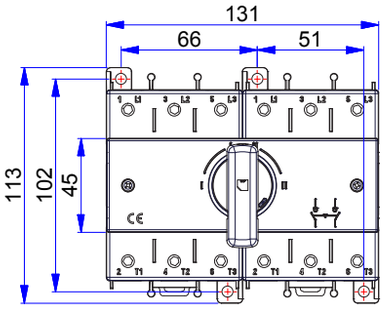


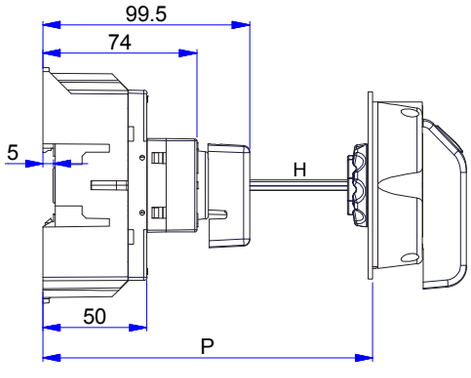


CO SD2 OL			
HANDLE	P	C	H
19457	--	52	P-C
19458	--	40	P-C

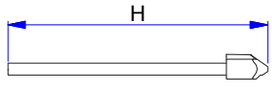


CO SD3 OL





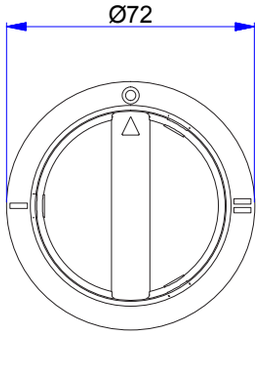
CO SD3 OL			
HANDLE	P	C	H
19457	--	52	P-C
19458	--	40	P-C



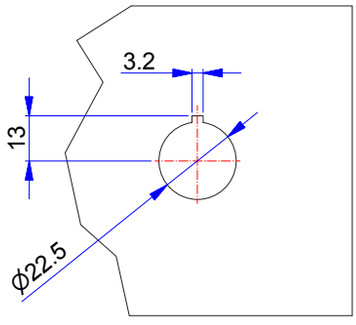
MANIGLIE BLOCCO PORTA _Door interlock handles

CO SD1 | CO SD2

19462

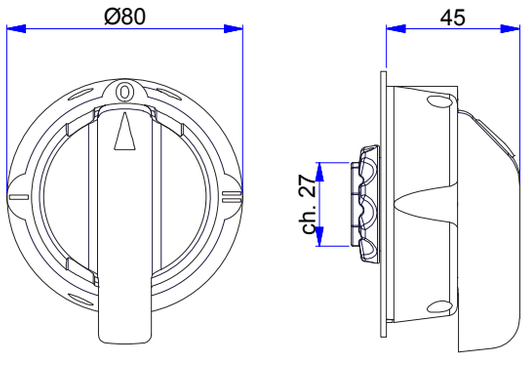


Foratura portella _Door drilling

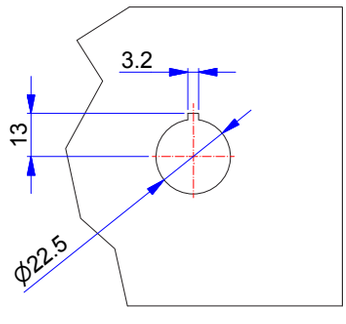


CO SD3

19459

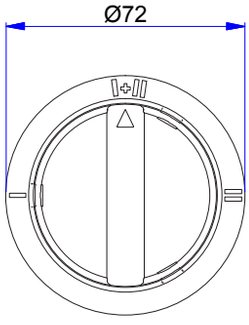


Foratura portella _Door drilling

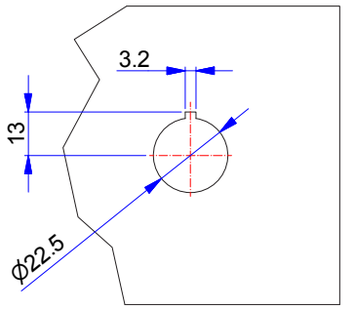


CO SD1 OL | CO SD2 OL

19457

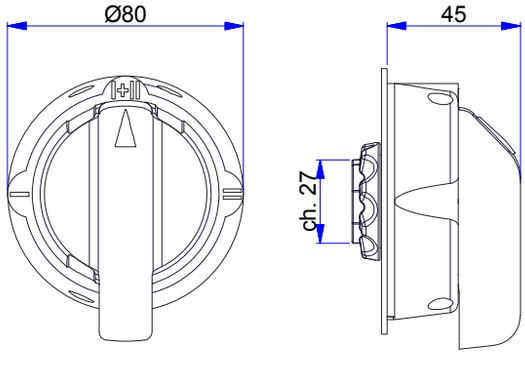


Foratura portella _Door drilling

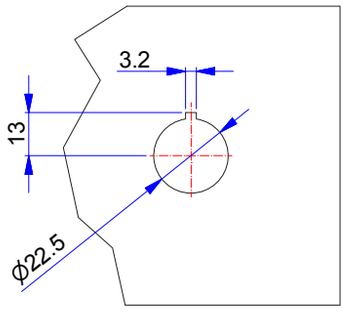


CO SD3 OL

19458



Foratura portella _Door drilling



ALBERO DI COMANDO CON PUNTALE _shaft for external operation with tip

Materiale _Material
Acciaio _steel

mm	100	200	300
Codice_code	19534-100P	19534-200P	19534-300P

4° POLO NEUTRO
_4th pole neutral

SD1 19320
SD2 19418
SD3 19450

MORSETTO DI TERRA
_Earthing neutral

SD1 19322
SD2 19422
SD3 19452

NEUTRO PASSANTE
_Solid neutral

SD1 19321
SD2 19420
SD3 19451

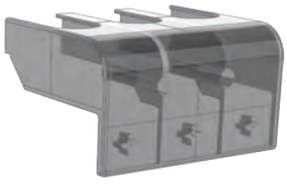
4° POLO CONTEMPORANEO
_Contemporary 4th pole

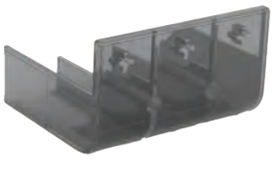
SD1 19442
SD2 19443
SD3 19444

KIT COPRI TERMINALI 4° POLO
_4th pole terminals cover kit

CO-SD1 19426
CO-SD2 19427
CO-SD3 19454

KIT COPRI TERMINALI 3 POLI
_3 poles terminals cover kit





CO-SD1 19424
CO-SD2 19425
CO-SD3 19453

CONTATTI AUSILIARI IN SCAMBIO 1NA + 1NC
_auxiliary contacts 1NO + 1NC

Contatti ausiliari in scambio terminali a vite
_Auxiliary contacts screw terminals

Tipo _type	SD1	SD2	SD3
Codice _code	19429	19429	19429

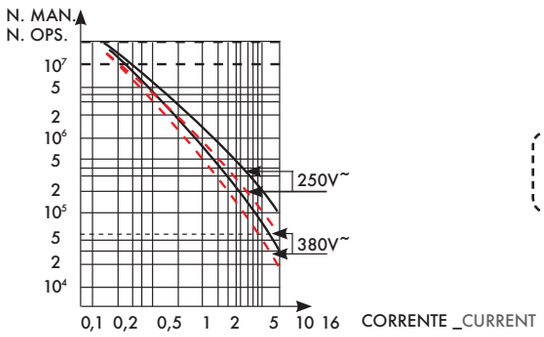
Contatti ausiliari in scambio terminali a Faston
_Auxiliary contacts Faston terminals

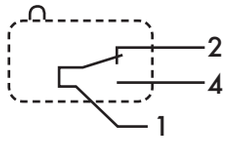
Tipo _type	SD1	SD2	SD3
Codice _code	19430	19430	19430

Per il montaggio dei contatti ausiliari addossati al 4° polo, ordinare la confezione viti cod 11190311
_For the installation of the auxiliary contacts on the 4th pole, please order the screws set with code 11190311

Contatti ausiliari in scambio
Apertura anticipata rispetto all'apertura dei contatti principali dell'interruttore Portata nominale 16A
Portata termica 20A

_Auxiliary contacts break before make contacts switches
Rated current 16A
Thermal current 20A



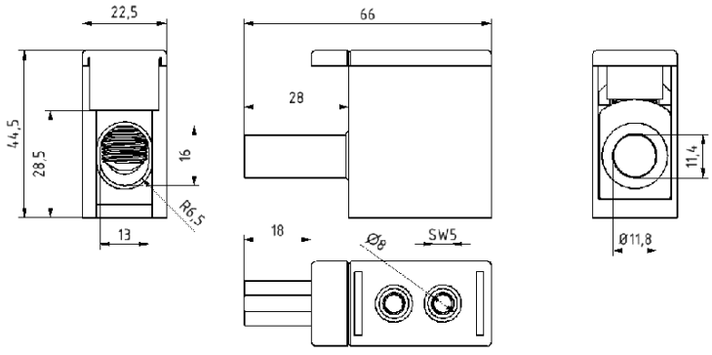


MORSETTO ADATTATORE 200A PER CAVI DA 95MM²
_Terminal adapter 200A for 95 mm² cables

Il codice include 3 pezzi _3 pcs in each code

Codice _code :19565

Poli _poles	Diametro massimo cavo _Max. Cross section	Corrente Nominale _Nominal current	Tensione Nominale _Nominal voltage
1	120	190A - 200A	690V



Adattatore terminali per cavo da 95 mm². per il collegamento di conduttori in alluminio e rame alle apparecchiature. Il corpo è in alluminio stagnato e l'alloggiamento è in poliammide.

_Terminal Adapter for 95 sqmm cable. for connecting Al-and Cu-conductors to equipment. Body is made of tin-plated aluminium and housing is polyamid.