

telergon
gorlan

Enclosed cam switches

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pnt@pronutec.com
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48340 Amorebieta, Vizcaya-Spain
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merytronic@merytronic.com
www.merytronic.com




pronutec GmbH
gorlan

Pronutec GmbH. After many years of experience in the German market, Pronutec GmbH was established to provide customers a more personalized and direct service.

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Tel.: (+49) 8221 901 677
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www.germany.gorlanteam.com




plastibor
gorlan

Dedicated to plastics injection moulding, Plastibor separates production into two different sections:

The thermosetting polymers section and thermoplastic materials section. In the first section thermoset polyester parts are moulded from moist polyester, and in the second section, thermoplastic materials such as polyamides, polycarbonates, PBT, PPS, PEI, PP, PARA, etc. are injected.

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ptb@plastibor.com
www.plastibor.com




inaselec
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Inaselec Assembly is a recent established Company within Gorlan group, is devoted to the manufacturing activity.

As a result of this exclusive dedication to the manufacture and assembly by means of the most developed and modern systems, as well as rigorous quality controls, Inaselec offers an excellent end-product.

Pol. Fuente Ciega-C/Encinas, 40
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Tel.: (+34) 941 89 49 00

inaselec@inaselec.com
www.inaselec.com




gorlan
polska

Gorlan Polska was established to spread the group's solutions and attend local customers needs in the Polish market.

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56-420 Bierutow-Polska
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polska@gorlanteam.com
www.polska.gorlanteam.com




gorlan
shanghai

Gorlan Electric Shanghai was established to offer its group's solutions to the Chinese market in order to attend to this market's needs in the most customised and efficient fashion possible.

Office 1505, Sino Life Tower
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Pudong. Shanghai 200120-China
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www.shanghai.gorlanteam.com



gorlan
india

Gorlan India Switchgears Private Limited was formed as a result of the merger of Gem Telergon Switchgears Pvt Ltd and Gorlan Technologies Pvt Ltd.

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www.india.gorlanteam.com

Enclosed cam switches

series
CITP | CITR | CTFR

series
CITA | CITC





1 2 3 4 5 6
C I T P

1 2 3 4 5 6
C I T R

1 2 3 4 5 6
C T F R

Cam Switches 0 - I
from 1 up to 4 poles

Changeovers I - 0 - II
from 1 to 4 poles

In plastic enclosure

Available from 12 up to 100 A
according to models

With padlockable handle
(on request)

Possibility of other diagrams/schemes
(on request)

1 2 3 4 5 6
C I T A

1 2 3 4 5 6
C I T C

Cam Switches 0 - I
from 1 up to 4 poles

Changeovers I - 0 - II
from 1 to 4 poles

In metallic enclosure

Available from 12 up to 100 A
according to models

With padlockable handle
(on request)

Possibility of other diagrams/schemes
(on request)

series CITP|CTFR

CITP | CTFR
Enclosed cam switch IP65
(plastic enclosure)
1P up to 4P

Size 0
A 12|20|25



Technical information

According to IEC 60947-3

According to IEC 60947-3				CITP T12	CITP T20	CTFR TF25
Rated thermal current	Ith		A	16	25	32
Rated insulation voltage	Ui		V	500	500	690
Rated impulse withstand voltage	Uimp		kV	6	6	6
AC rated operational current	Ie	Ue 415V AC21A	A	16	25	32
		Ue 415V AC22A	A	16	25	32
		Ue 415V AC23A	A	10	25	20
Rated conditional short-circuit current			kA	10	10	5
Rated maximum current	gL-gG		A	25	25	32
Rated breaking capacity	400V; cos φ=0,45		A	80	100	200
Rated short-time withstand current (1 sec)			A	240	400	500
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000
Rigid copper conductor			mm^2	2x4	2x4	1x10
Flexible copper conductor			mm^2	2x2,5	2x2,5	1x6

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITP|CTFR

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITP0012
CITP0020
CTFR0025

Diagram

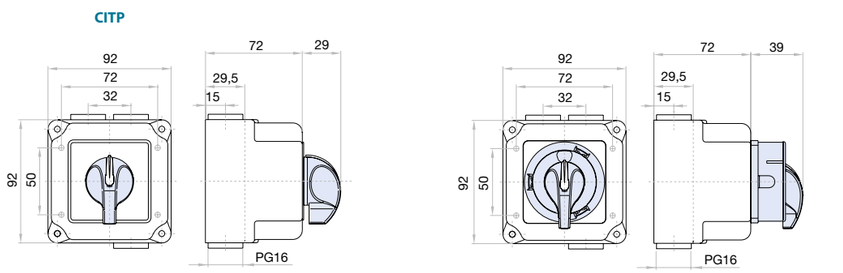
Poles	Posit. 0	Posit. 1	Chambers
1		X	0001 0
2		X	0001 1
3		X	0001 2
4		X	0001 3

Plate and handle

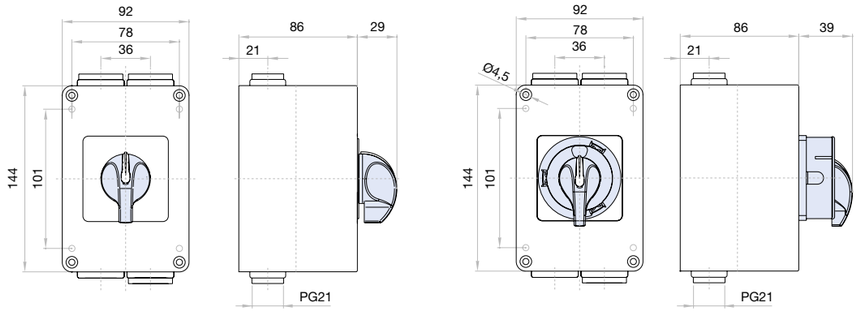


Dimensions (mm)

CITP



CTFR



(in & out by cable gland - not included)

series CITP|CITR

CITP | CITR
Enclosed cam switch IP65
(plastic enclosure)
1P up to 4P

Size 1

A 16|25|32|40

IP65



CITP | CITR

Technical information

CE IEC

According to IEC 60947-3

According to IEC 60947-3				CITP T16	CITP T25	CITP | CITR T32	CITP | CITR T40
Rated thermal current	Ith		A	25	32	40	50
Rated insulation voltage	Ui		V	690	690	690	690
Rated impulse withstand voltage	Uimp		kV	6	6	8	8
AC rated operational current	Ie	Ue 415V AC22A	A	25	32	40	50
		Ue 415V AC23A	A	16	20	25	32
Rated conditional short-circuit current			kA	10	10	10	10
Rated maximum current	gL-gG		A	32	32	50	50
Rated breaking capacity	400V; cos φ=0,45		A	160	200	256	320
Rated short-time withstand current (1 sec)			A	500	650	800	800
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	10000
Rigid copper conductor			mm^2	2x6	2x6	2x10	2x10
Flexible copper conductor			mm^2	2x4	2x4	2x6	2x6

Normal service conditions:

Ambient air temperature (ºC): -5º...+40º. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITP|CITR

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITP0016
CITP0025
CITP0032
CITP0040

CITR0032
CITR0040

Diagram

Poles	Posit. 0	Posit. 1	Chambers
1		X	0001 0
2		X	0001 1
3		X	0001 2
4		X	0001 3

Plate and handle



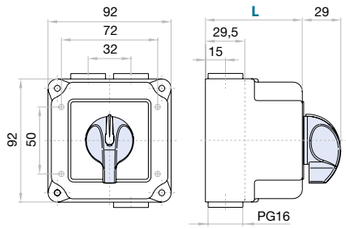
1NB 1RB — Arrow handle

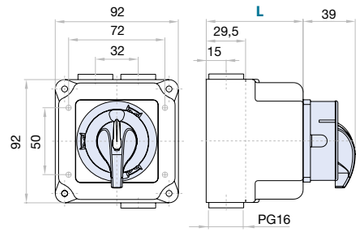


7NO 7RO — Padlockable handle

Dimensions (mm)

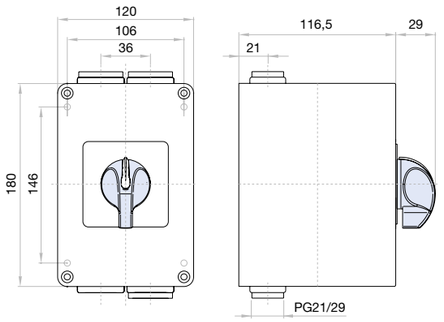
CITP

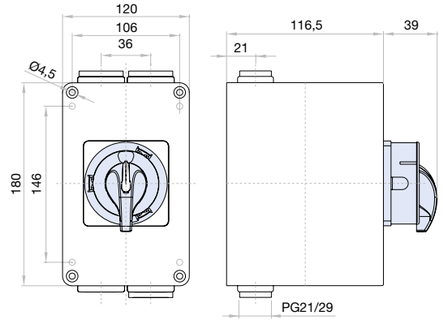




L	Pisos 1□	Pisos 2□
T16 T25	72	86
T32 T40	72	100

CITR





(in & out by cable gland - not included)

series CITR

CITR
Enclosed cam switch IP65
(plastic enclosure)
1P up to 4P

Size 2

A 63|100



CITR

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITR T63	CITR T100
Rated thermal current	Ith		A	80	125
Rated insulation voltage	Ui		V	690	690
Rated impulse withstand voltage	Uimp		kV	8	8
AC rated operational current	Ie	Ue 415V AC22A	A	80	125
		Ue 415V AC23A	A	63	100
Rated conditional short-circuit current			kA	15	15
Rated maximum current	gL-gG		A	80	125
Rated breaking capacity	400V; cos φ=0,45		A	504	640
Rated short-time withstand current (1 sec)			A	1600	2500
Mechanical durability (according to the standards, for other values please consult)				10000	8000
Rigid copper conductor			mm^2	16/25*(1)	35/50*(1)
Flexible copper conductor			mm^2	10/16*(1)	16/35*(1)

*(1) With terminals for connection

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITR

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Serie | Amp

C I T R 0 0 6 3
C I T R 0 1 0 0

Diagram

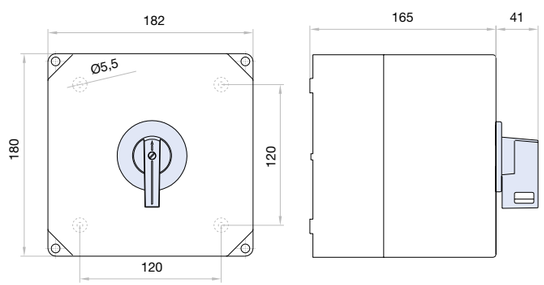
Posit. 0	1	Chambers	
Poles 1		0 0 0 1 0	1
2	X	0 0 0 1 1	
3		0 0 0 1 2	2
4	X	0 0 0 1 3	

Plate and handle



9 N 0 9 R 0 Padlockable handle

Dimensions (mm)



(in & out by cable gland - not included)

series CITA

CITA
Enclosed cam switch IP55
(metallic enclosure - aluminium)
1P up to 4P

Size 0
A 12|20
IP55



CITA

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITA T12	CITA T20
Rated thermal current	Ith		A	16	25
Rated insulation voltage	Ui		V	500	500
Rated impulse withstand voltage	Uimp		kV	6	6
AC rated operational current	Ie	Ue 415V AC22A	A	16	25
		Ue 415V AC23A	A	10	25
Rated conditional short-circuit current			kA	10	10
Rated maximum current	gL-gG		A	25	25
Rated breaking capacity	400V; cos φ=0,45		A	80	100
Rated short-time withstand current (1 sec)			A	240	400
Mechanical durability (according to the standards, for other values please consult)				10000	10000
Rigid copper conductor			mm^2	2x4	2x4
Flexible copper conductor			mm^2	2x2,5	2x2,5

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

C I T A 0 0 1 2
C I T A 0 0 2 0

Diagram

Poles	Posit. 0	Posit. 1		Chambers
1		X	0 0 0 1 0	1
2		X	0 0 0 1 1	
3		X	0 0 0 1 2	2
4		X	0 0 0 1 3	

Plate and handle



1 N 1 — Arrow handle

1 R 1

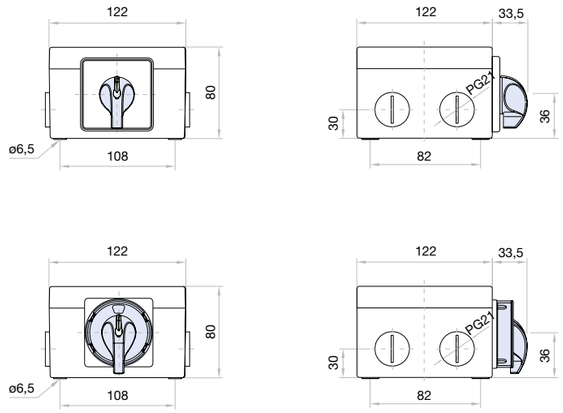


7 N 0 — Padlockable handle



7 R 0

Dimensions (mm)



(in & out by cable gland - not included)

series CITA

CITA
Enclosed cam switch IP55
(metallic enclosure - aluminium)
1P up to 4P

Size 1

A 16|25|32|40

IP55



CITA

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITA T16	CITA T25	CITA T32	CITA T40
Rated thermal current	Ith		A	25	32	40	50
Rated insulation voltage	Ui		V	690	690	690	690
Rated impulse withstand voltage	Uimp		kV	6	6	8	8
AC rated operational current	Ie	Ue 415V AC22A	A	25	32	40	50
		Ue 415V AC23A	A	16	20	25	32
Rated conditional short-circuit current			kA	10	10	10	10
Rated maximum current	gL-gG		A	32	32	50	50
Rated breaking capacity	400V; cos φ=0,45		A	160	200	256	320
Rated short-time withstand current (1 sec)			A	500	650	800	800
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	10000
Rigid copper conductor			mm^2	2x6	2x6	2x10	2x10
Flexible copper conductor			mm^2	2x4	2x4	2x6	2x6

Normal service conditions:

Ambient air temperature (ºC): -5º...+40º. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITA0016
CITA0025
CITA0032
CITA0040

Diagram

Poles	Posit. 0	Posit. 1	Chambers
1		X	0001 0
2		X	0001 1
3		X	0001 2
4		X	0001 3

Plate and handle

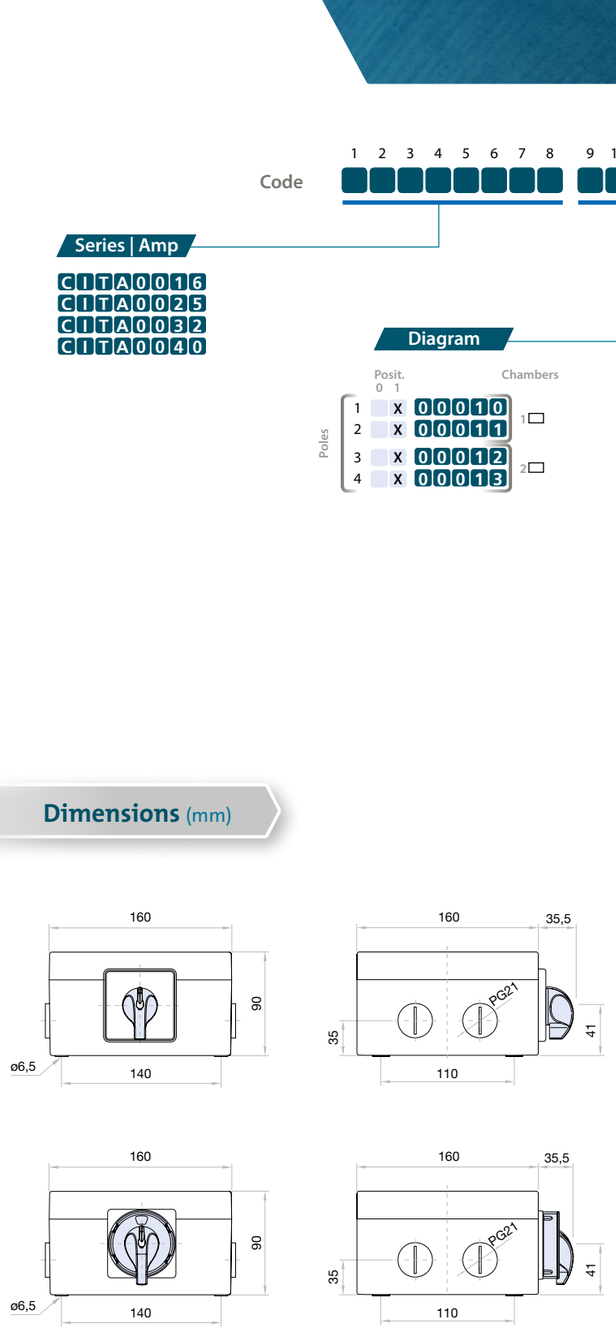


1N1 1RD — Arrow handle



7N0 7R0 — Padlockable handle

Dimensions (mm)



(in & out by cable gland - not included)

series CITA|CITC

CITA | CITC
Enclosed cam switch IP55
(metallic enclosure - aluminium - cast iron)
1P up to 4P

Size 2

A 50|63|80|100|125|175

IP55



CITA CITC

Technical information

CE IEC

According to IEC 60947-3

According to IEC 60947-3				CITA T50	CITA T63	CITA T80	CITC T100	CITC T125	CITC T175
Rated thermal current	Ith		A	63	80	80	125	125	200
Rated insulation voltage	Ui		V	690	690	690	690	690	1000
Rated impulse withstand voltage	Uimp		kV	8	8	8	8	8	8
AC rated operational current	Ie	Ue 415V AC21A	A	63	80	80	125	125	200
		Ue 415V AC22A	A	63	80	80	115	115	200
		Ue 415V AC23A	A	63	63	63	100	100	200
Rated conditional short-circuit current			kA	15	15	15	15	15	15*(2)
Rated maximum current	gL-gG		A	80	80	80	125	125	160
Rated breaking capacity	400V; cos φ=0,45		A	504	504	504	640	640	1600
Rated short-time withstand current (1 sec)			A	1600	1600	1600	2500	2500	3500
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	8000	8000	8000
Rigid copper conductor			mm^2	16/25*(1)	16/25*(1)	16/25*(1)	35/50*(1)	35/50*(1)	95
Flexible copper conductor			mm^2	10/16*(1)	10/16*(1)	10/16*(1)	16/35*(1)	16/35*(1)	95

*(1) With terminals for connection
*(2) Mounting without connection terminals or terminals + phase barriers

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA|CITC

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITA0050
CITA0063
CITA0080
CITC0100
CITC0125
CITC0175

Diagram

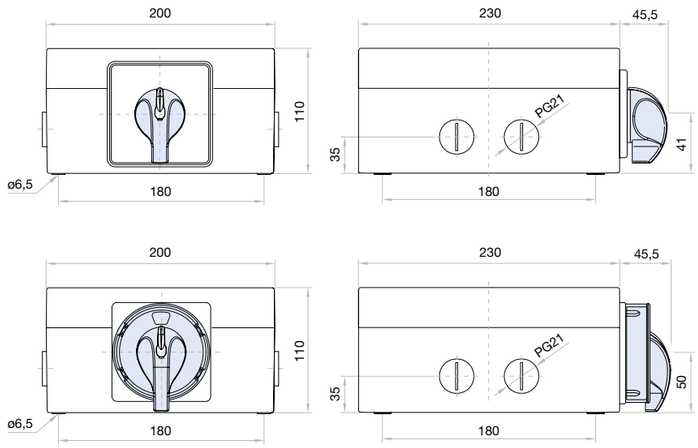
Poles	Posit. 0	Posit. 1	Chambers
1		X	0001 0
2		X	0001 1
3		X	0001 2
4		X	0001 3

Plate and handle

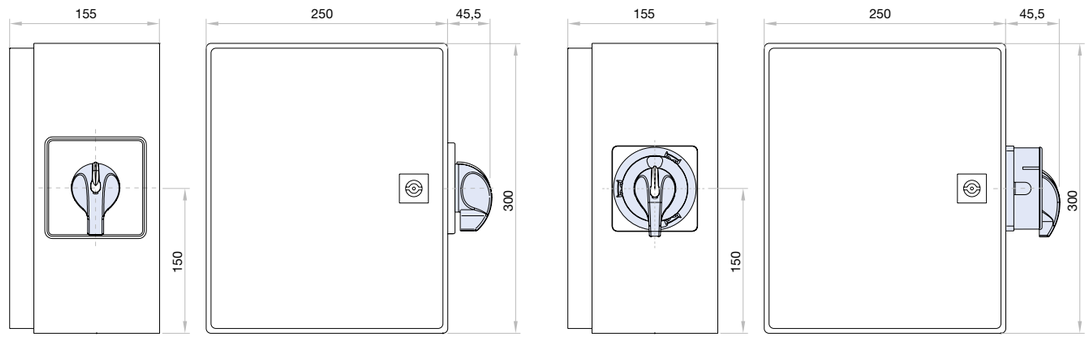


Dimensions (mm)

CITA



CITC



(in & out by cable gland - not included)

series CITC

CITC
Enclosed cam switch IP55
(metallic enclosure - cast iron with door)
1P up to 4P

Size 3

A 200|250|315



CITC

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITC T200	CITC T250	CITC T315
Rated thermal current	Ith		A	200	250	315
Rated insulation voltage	Ui		V	690	690	690
Rated impulse withstand voltage	Uimp		kV	8	8	8
AC rated operational current	Ie	Ue 415V AC21A	A	200	250	315
		Ue 415V AC22A	A	200	250	315
		Ue 415V AC23A	A	200	200	200
Rated conditional short-circuit current			kA	15	15	15
Rated maximum current	gL-gG		A	200	250	315
Rated breaking capacity	400V; cos φ=0,45		A	1450	2000	2240
Rated short-time withstand current (1 sec)			A	4400	4400	4400
Mechanical durability (according to the standards, for other values please consult)				8000	8000	8000
Rigid copper conductor			mm^2	95	120	185
Flexible copper conductor			mm^2	95	120	185

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITC

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

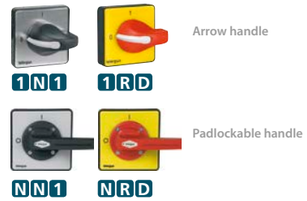
Series | Amp

CITC0200
CITC0250
CITC0315

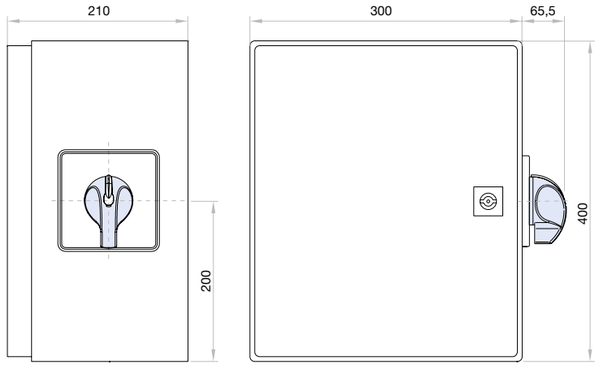
Diagram

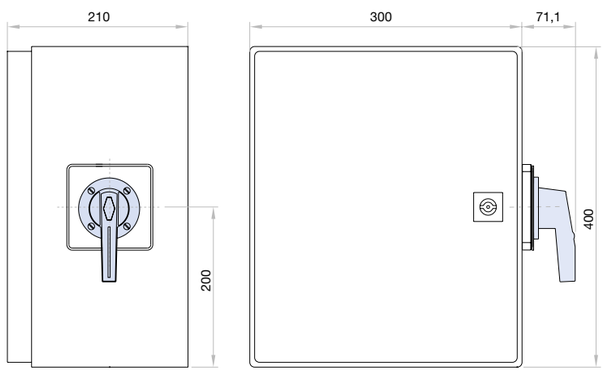
Poles	Posit. 0	Posit. 1	Chambers
1		X	0001 0
2		X	0001 1
3		X	0001 2
4		X	0001 3

Plate and handle



Dimensions (mm)





(in & out by cable gland - not included)

series CITP|CTFR

CITP | CTFR
Enclosed changeover IP65
(plastic enclosure)
1P up to 4P

Size 0

A 12|20|25



Technical information

According to IEC 60947-3

According to IEC 60947-3				CITP T12	CITP T20	CTFR TF25
Rated thermal current	Ith		A	16	25	32
Rated insulation voltage	Ui		V	500	500	690
Rated impulse withstand voltage	Uimp		kV	6	6	6
AC rated operational current	Ie	Ue 415V AC21A	A	16	25	32
		Ue 415V AC22A	A	16	25	32
		Ue 415V AC23A	A	10	25	20
Rated conditional short-circuit current			kA	10	10	5
Rated maximum current	gL-gG		A	25	25	32
Rated breaking capacity	400V; cos φ=0,45		A	80	100	200
Rated short-time withstand current (1 sec)			A	240	400	500
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000
Rigid copper conductor			mm^2	2x4	2x4	1x10
Flexible copper conductor			mm^2	2x2,5	2x2,5	1x6

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITP|CTFR

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITP0012
CITP0020
CTFR0025

Diagram

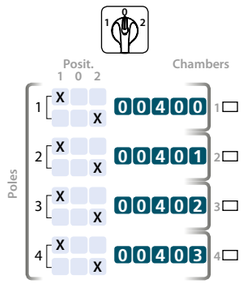


Plate and handle


1NB — Arrow handle

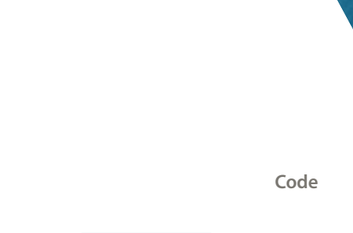
For red/yellow handle, please consult

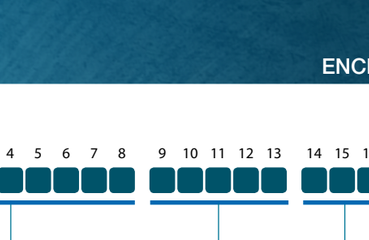

CNO — Padlockable handle open view

For red/yellow handle, please consult

Dimensions (mm)

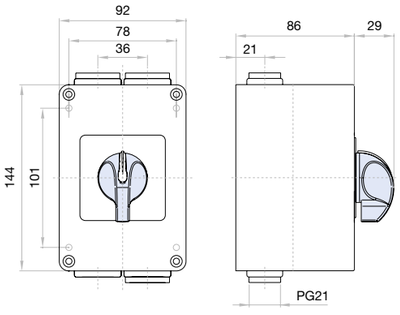
CITP

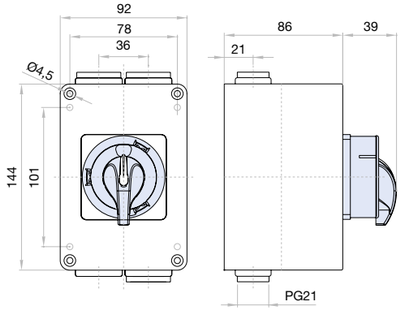




L	Pisos		
	2□	3□	4□
T12 T20	72	86	100

CTFR





L	Pisos	
	3□	4□
TF25	86	100

(in & out by cable gland - not included)

series CITP|CITR

CITP | CITR
Enclosed changeover IP65
(plastic enclosure)
1P up to 4P

Size 1

A 16|25|32|40



CITP | CITR

Technical information

CE IEC

According to IEC 60947-3

According to IEC 60947-3				CITP T16	CITP T25	CITP | CITR T32	CITP | CITR T40
Rated thermal current	Ith		A	25	32	40	50
Rated insulation voltage	Ui		V	690	690	690	690
Rated impulse withstand voltage	Uimp		kV	6	6	8	8
AC rated operational current	Ie	Ue 415V AC21A	A	25	32	40	50
		Ue 415V AC22A	A	25	32	40	50
		Ue 415V AC23A	A	16	20	25	32
Rated conditional short-circuit current			kA	10	10	10	10
Rated maximum current	gL-gG		A	32	32	50	50
Rated breaking capacity	400V; cos φ=0,45		A	160	200	256	320
Rated short-time withstand current (1 sec)			A	500	650	800	800
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	10000
Rigid copper conductor			mm^2	2x6	2x6	2x10	2x10
Flexible copper conductor			mm^2	2x4	2x4	2x6	2x6

Normal service conditions:

Ambient air temperature (ºC): -5º...+40º. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITP|CITR

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

- CITP0016
- CITP0025
- CITP0032
- CITR0032
- CITR0040

Diagram

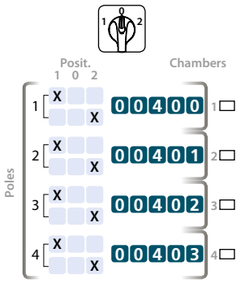


Plate and handle



1NB — Arrow handle

For red/yellow handle, please consult



CNO — Padlockable handle open view

For red/yellow handle, please consult



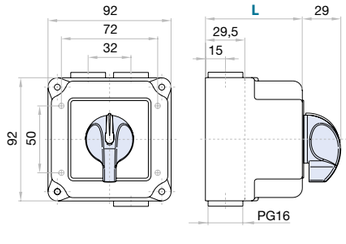
9NO — Padlockable handle

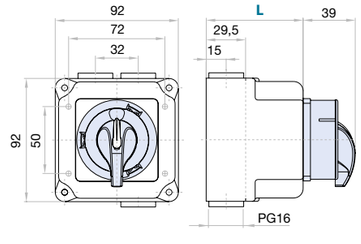
Standard for CITR - T32 | T40 4 poles only

For red/yellow handle, please consult

Dimensions (mm)

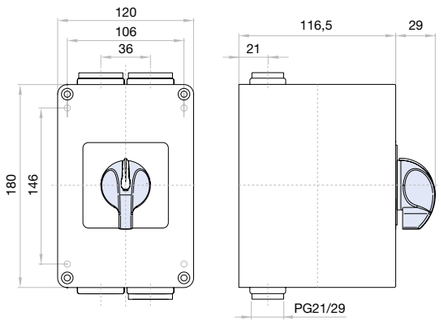
CITP
(up to 4 poles T16 - T25 & 3 poles T32 - T40)

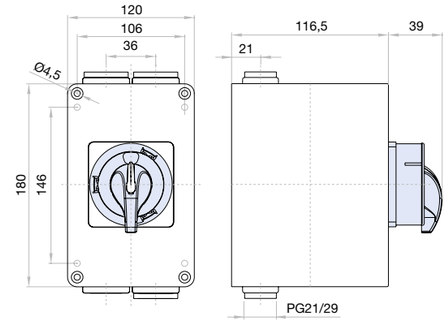




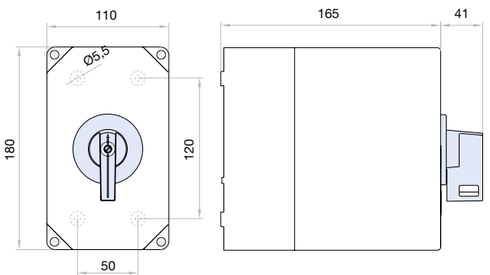
L	Pisos			
	1□	2□	3□	4□
T16 T25	72	86	100	114
T32 T40	72	100	114	-

CITR
(up to 3 poles T32 - T40)





CITR
(for 4 poles T32 - T40)



(in & out by cable gland - not included)

series CITR

CITR
Enclosed changeover IP65
(plastic enclosure)
1P up to 4P

Size 2

A 63|100



CITR

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITR T63	CITR T100
Rated thermal current	Ith		A	80	125
Rated insulation voltage	Ui		V	690	690
Rated impulse withstand voltage	Uimp		kV	8	8
AC rated operational current	Ie	Ue 415V AC22A	A	80	125
		Ue 415V AC23A	A	63	100
Rated conditional short-circuit current			kA	15	15
Rated maximum current	gL-gG		A	80	125
Rated breaking capacity	400V; cos φ=0,45		A	504	640
Rated short-time withstand current (1 sec)			A	1600	2500
Mechanical durability (according to the standards, for other values please consult)				10000	8000
Rigid copper conductor			mm^2	16/25*(1)	35/50*(1)
Flexible copper conductor			mm^2	10/16*(1)	16/35*(1)

*(1) With terminals for connection

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITR

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITR0063
CITR0100

Diagram

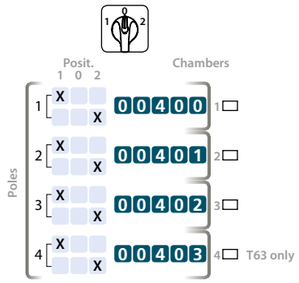


Plate and handle



9NO

Padlockable handle

For red/yellow handle, please consult

Dimensions (mm)

(in & out by cable gland - not included)

series CITA

CITA
Enclosed changeover IP55
(metallic enclosure - aluminium)
1P up to 4P

Size 0
A 12|20
IP55



CITA

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITA T12	CITA T20
Rated thermal current	Ith		A	16	25
Rated insulation voltage	Ui		V	500	500
Rated impulse withstand voltage	Uimp		kV	6	6
AC rated operational current	Ie	Ue 415V AC21A	A	16	25
		Ue 415V AC22A	A	16	25
		Ue 415V AC23A	A	10	25
Rated conditional short-circuit current			kA	10	10
Rated maximum current	gL-gG		A	25	25
Rated breaking capacity	400V; cos φ=0,45		A	80	100
Rated short-time withstand current (1 sec)			A	240	400
Mechanical durability (according to the standards, for other values please consult)				10000	10000
Rigid copper conductor			mm^2	2x4	2x4
Flexible copper conductor			mm^2	2x2,5	2x2,5

Normal service conditions:

Ambient air temperature (ºC): -5º...+40º. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

C I T A 0 0 1 2
C I T A 0 0 2 0

Diagram

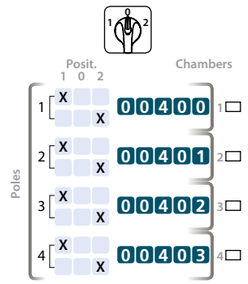


Plate and handle



1 N 1 — Arrow handle

For red/yellow handle, please consult



C N 0 — Padlockable handle open view

For red/yellow handle, please consult

Dimensions (mm)

(in & out by cable gland - not included)

series CITA

CITA
Enclosed changeover IP55
(metallic enclosure - aluminium)
1P up to 4P

Size 1

A 16|25|32|40

IP55



CITA

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITA T16	CITA T25	CITA T32	CITA T40
Rated thermal current	Ith		A	25	32	40	50
Rated insulation voltage	Ui		V	690	690	690	690
Rated impulse withstand voltage	Uimp		kV	6	6	8	8
AC rated operational current	Ie	Ue 415V AC22A	A	25	32	40	50
		Ue 415V AC23A	A	16	20	25	32
Rated conditional short-circuit current			kA	10	10	10	10
Rated maximum current	gL-gG		A	32	32	50	50
Rated breaking capacity	400V; cos φ=0,45		A	160	200	256	320
Rated short-time withstand current (1 sec)			A	500	650	800	800
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	10000
Rigid copper conductor			mm^2	2x6	2x6	2x10	2x10
Flexible copper conductor			mm^2	2x4	2x4	2x6	2x6

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITA0016
CITA0025
CITA0032
CITA0040

Diagram

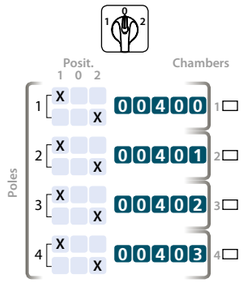


Plate and handle



1N1 Arrow handle

For red/yellow handle, please consult



CN0 Padlockable handle open view

For red/yellow handle, please consult

Dimensions (mm)

(in & out by cable gland - not included)

series CITA|CITC

CITA | CITC
Enclosed changeover IP55
(metallic enclosure - aluminium - cast iron with door)
1P up to 4P

Size 2

A 50|63|80|100|125|175

IP55



CITA CITC

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITA T50	CITA T63	CITA T80	CITC T100	CITC T125	CITC T175
Rated thermal current	Ith		A	63	80	80	125	125	200
Rated insulation voltage	Ui		V	690	690	690	690	690	1000
Rated impulse withstand voltage	Uimp		kV	8	8	8	8	8	8
AC rated operational current	Ie	Ue 415V AC21A	A	63	80	80	125	125	200
		Ue 415V AC22A	A	63	80	80	115	115	200
		Ue 415V AC23A	A	63	63	63	100	100	200
Rated conditional short-circuit current			kA	15	15	15	15	15	15*(2)
Rated maximum current	gL-gG		A	80	80	80	125	125	160
Rated breaking capacity	400V; cos φ=0,45		A	504	504	504	640	640	1600
Rated short-time withstand current (1 sec)			A	1600	1600	1600	2500	2500	3500
Mechanical durability (according to the standards, for other values please consult)				10000	10000	10000	8000	8000	8000
Rigid copper conductor			mm²	16/25*(1)	16/25*(1)	16/25*(1)	35/50*(1)	35/50*(1)	95
Flexible copper conductor			mm²	10/16*(1)	10/16*(1)	10/16*(1)	16/35*(1)	16/35*(1)	95

*(1) With terminals for connection
*(2) Mounting without connection terminals or terminals + phase barriers

Normal service conditions:

Ambient air temperature (ºC): -5º...+40º. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITA|CITC

Code: 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

- CITA0050
- CITA0063
- CITA0080
- CITC0100
- CITC0125
- CITC0175

Diagram

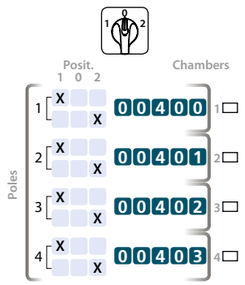


Plate and handle



1N1 — Arrow handle

For red/yellow handle, please consult

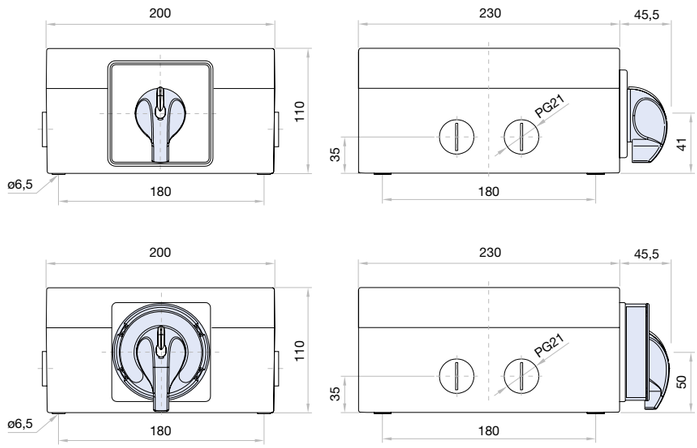


CN0 — Padlockable handle open view

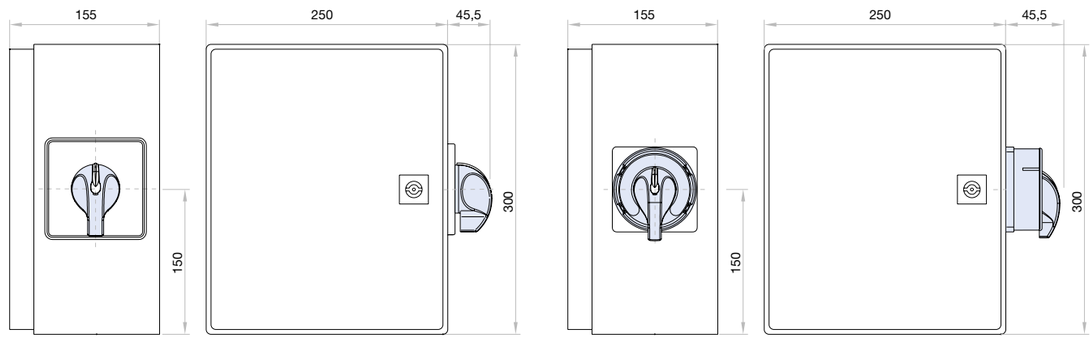
For red/yellow handle, please consult

Dimensions (mm)

CITA



CITC



(in & out by cable gland - not included)

series CITC

CITC
Enclosed changeover IP55
(metallic enclosure - cast iron with door)
1P up to 4P

Size 3

A 200|250|315

IP55



CITC

Technical information

According to IEC 60947-3

According to IEC 60947-3				CITC T200	CITC T250	CITC T315
Rated thermal current	Ith		A	200	250	315
Rated insulation voltage	Ui		V	690	690	690
Rated impulse withstand voltage	Uimp		kV	8	8	8
AC rated operational current	Ie	Ue 415V AC21A	A	200	250	315
		Ue 415V AC22A	A	200	250	315
		Ue 415V AC23A	A	200	200	200
Rated conditional short-circuit current			kA	15	15	15
Rated maximum current	gL-gG		A	200	250	315
Rated breaking capacity	400V; cos φ=0,45		A	1450	2000	2240
Rated short-time withstand current (1 sec)			A	4400	4400	4400
Mechanical durability (according to the standards, for other values please consult)				8000	8000	8000
Rigid copper conductor			mm^2	95	120	185
Flexible copper conductor			mm^2	95	120	185

Normal service conditions:

Ambient air temperature (°C): -5°...+40°. Maximum altitude: 2.000 m. Maximum humidity: 90%. Pollution degree: 3 (standard for industrial applications). Rated frecuency at AC utilization categories: 50/60 Hz.

Rated duties at utilization categories AC21A, AC22A and AC23A: Continuing (8 hours); uninterrupted.

series CITC

Code 1 2 3 4 5 6 7 8 | 9 10 11 12 13 | 14 15 16

Series | Amp

CITC0200
CITC0250
CITC0315

Diagram

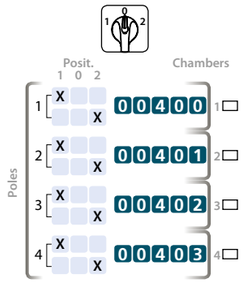


Plate and handle



1N1 — Arrow handle

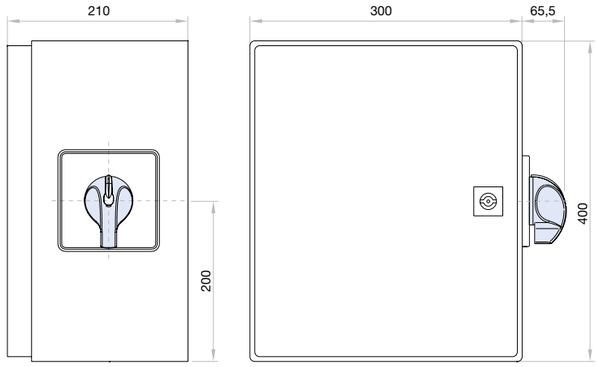
For red/yellow handle, please consult

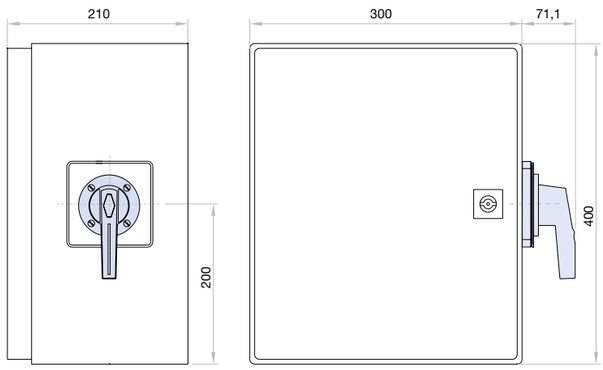


NN1 — Padlockable handle

For red/yellow handle, please consult

Dimensions (mm)





(in & out by cable gland - not included)

MAINTENANCE RECOMMENDATIONS:

Electrical installations and their components should be periodically inspected to check they are in good condition. Operability of switches should be checked after an incident, during maintenance or due to ageing.

Tightening torque of electrical connections should be revised as vibrations in the environment and electrical conductivity may loose them affecting to the performance and durability of all components as well.

Not performing preventive maintenance may damage and spoil parts, systems and machines. Moreover it can also cause accidents and injure people.

Before working on equipment or components which may be electrically live, the appropriate safety cautions must be taken by operators, end-users or other staff. Right personal protective equipment (e.g. safety clothes, gloves, goggles, helmet, insulating footwear) should be used, and the appropriate tools for the operation. At the same time, caution measures should be taken to prevent damages to third parties such as warning signs, barriers, mechanical locks, etc.

Prior to use any protective equipment or tools, they must be checked to be in good condition.

Maintenance or repair works should be performed in areas not electrically live by qualified and authorized staff following the applicable regulations and good practices.

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PEFC

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April 2019

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