

Go Series

# GoPact™ MTS

Catalog 2022

Manual Transfer Switch from 63 to 2000 A



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Life Is On

**Schneider**  
Electric

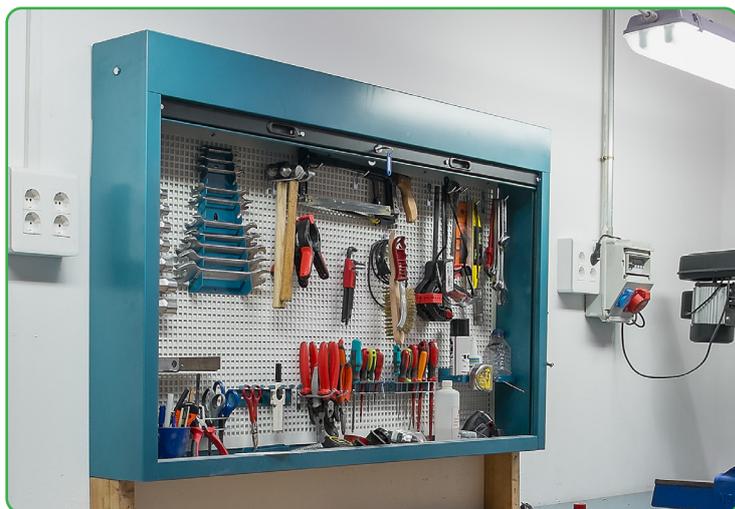
# Fundamentals of source management

GoPact MTS is a specially designed Manual Transfer Switch range dedicated to small and medium-size buildings, factories, OEMs, and other demanding applications. It is an economical solution that provides the best value for money in its class.

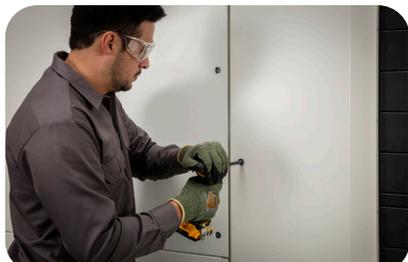


As a Schneider Electric offer, the complete range provides:

**Robustness | Simplicity | Compactness**



# Customer values



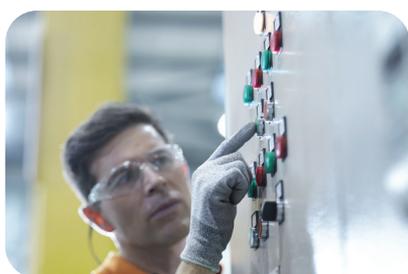
## Panel Builders and Contractors – More efficiency

- Six frames of Manual Transfer Switch for a better optimization at each rating
- Wide range with consistent installation from 63 to 2000 A
- A Complete portfolio of pre-installed and add-on accessories (Bridging bars, shrouds, etc.)
- Save time with smart tips: swiveling terminal shrouds, staggered terminals
- Faster and safer installation with pre-installed bridging busbars



## End User – Quality performance

- Schneider Electric performance, quality and warranty
- Simplified catalog of manual transfer switch and accessories
- Save time during inspection and connection



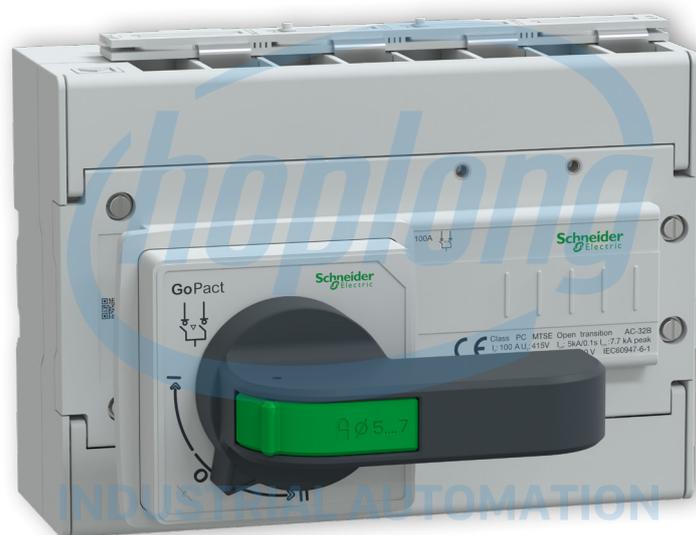
## OEM – Reliability at optimized cost and delivery time

- Meets IEC60947-6-1, IEC60947-3 standards and other common technical requirements at the best price
- Optimizes space with rating-adjusted footprints
- Optimized delivery time

Go for simple offers with robust quality at an affordable price!



GoPact MTS is an optimized offer range with no compromise on quality. Our products maintain performance in demanding environments.



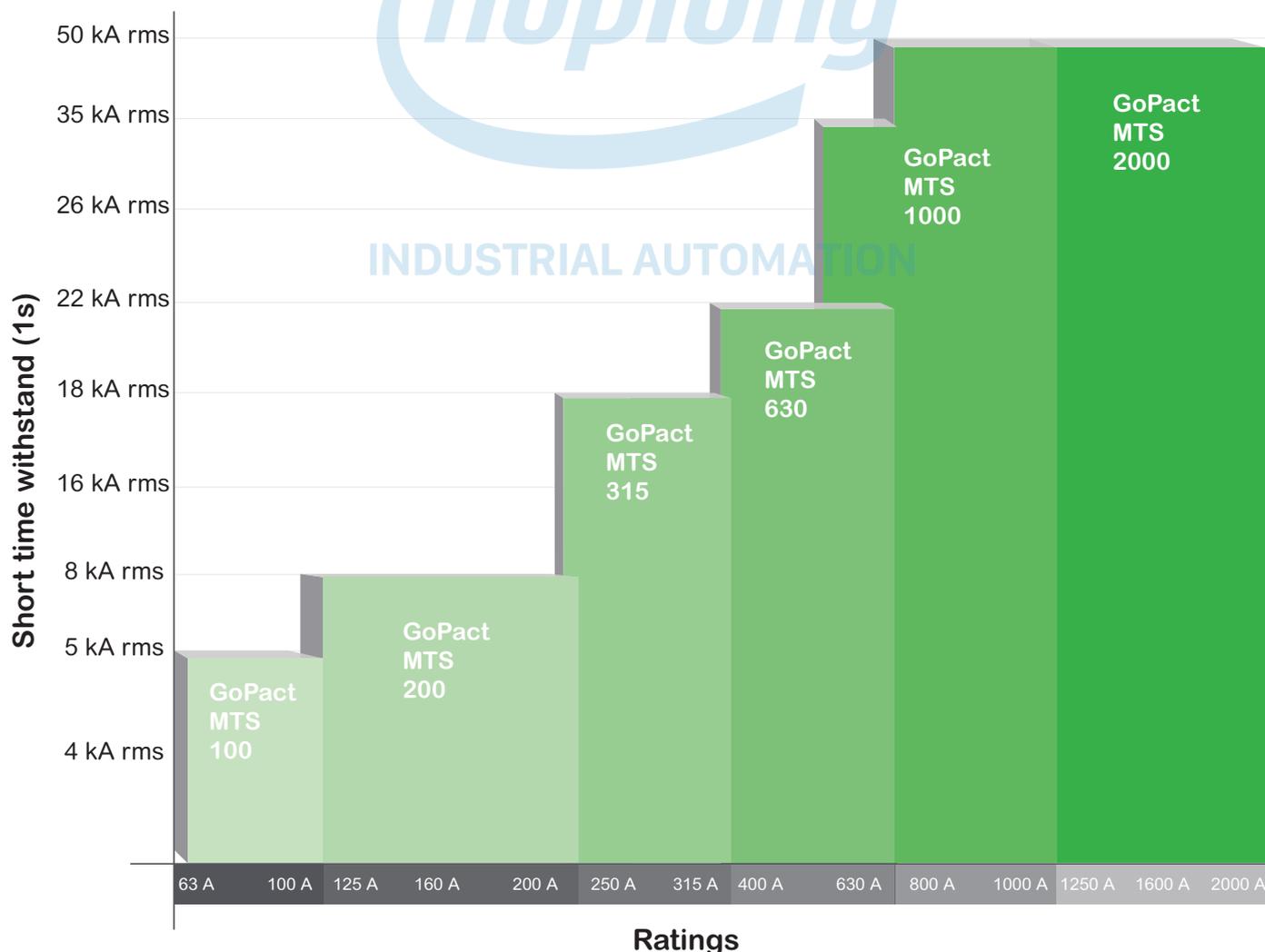
## Timely delivery, wherever you are

Schneider Electric offers a world-renowned logistics network capable of delivering GoPact MTS products to you fast, wherever you are.

# GoPact MTS offers

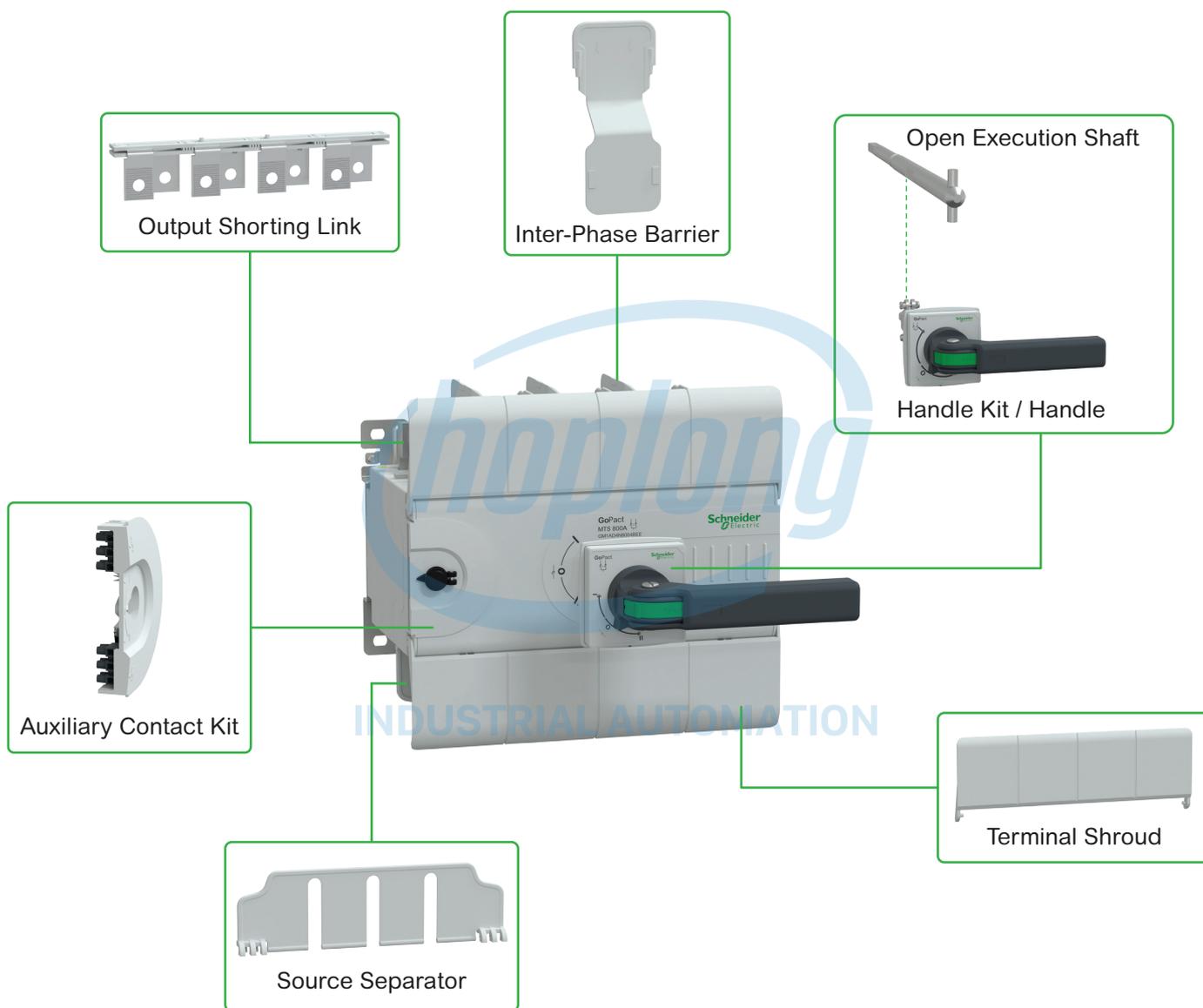
## Enhanced features

- Staggered terminals ensure ease of connection and facilitate inspection.
- Terminal shrouds provide a complete touch-proof design. They are hinge type; hence terminals can be inspected without removing these shrouds.
- Flippable operating handle enables the user to operate the handle with two hands for GoPact MTS 315 to 2000.
- Interchangeable dual shaft position with site convertibility for GoPact MTS 200 to 1000.
- Self-interlocked and dual dead center mechanism provides higher reliability for the manual transfer switch function.
- All inter-phase barriers and source separators are included with the product, so no need to buy separate accessories.



# Easy adaptation to different applications

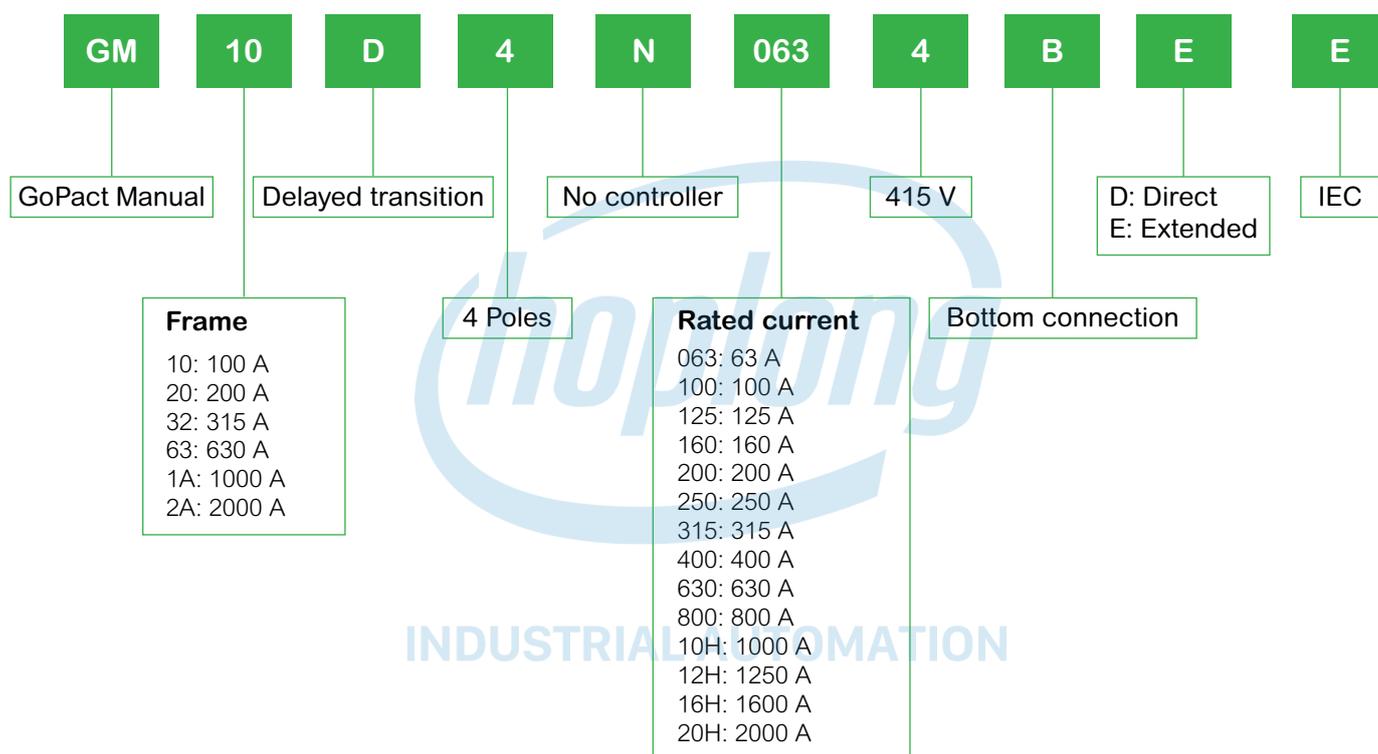
Accessories are part of the product delivery



# Need to buy separately

# Meaningful references to make your life easier

We believe that meaningful commercial references help to improve your productivity during the overall life cycle of the product from selection, purchasing, control, mounting and tracking phase.



## Scan QR code for Manual Transfer Switch updates

Each Manual Transfer Switch is equipped with a QR code that provides the latest information.





INDUSTRIAL AUTOMATION



# Green Premium™

Endorsing eco-friendly products in the industry



Green Premium is the only label that allows you to effectively develop and promote an environmental policy whilst preserving your business efficiency. This ecolabel guarantees compliance with up-to-date environmental regulations, but it does more than this.

Over 75% of Schneider Electric manufactured products have been awarded the Green Premium ecolabel



Discover what we mean by green ...

**Check your products!**

Schneider Electric's Green Premium ecolabel is committed to offering transparency, by disclosing extensive and reliable information related to the environmental impact of its products:

#### RoHS

Schneider Electric products are subject to RoHS requirements at a worldwide level, even for the many products that are not required to comply with the terms of the regulation. Compliance certificates are available for products that fulfil the criteria of this European initiative, which aims to eliminate hazardous substances.

#### REACH

Schneider Electric applies the strict REACH regulation on its products at a worldwide level, and discloses extensive information concerning the presence of SVHC (Substances of Very High Concern) in all of its products.

#### PEP: Product Environmental Profile

Schneider Electric publishes complete set of environmental data, including carbon footprint and energy consumption data for each of the lifecycle phases on all of its products, in compliance with the ISO 14025 PEP ecopassport program. PEP is especially useful for monitoring, controlling, saving energy, and/or reducing carbon emissions.

#### EoLI: End of Life Instructions

Available at the click of a button, these instructions provide:

- Recyclability rates for Schneider Electric products
- Guidance to mitigate personnel hazards during the dismantling of products and before recycling operations
- Parts identification for recycling or for selective treatment, to mitigate environmental hazards/ incompatibility with standard recycling processes

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GoPact MTS

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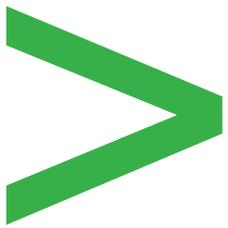
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INDUSTRIAL AUTOMATION



# Introduction

INDUSTRIAL AUTOMATION

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A



INDUSTRIAL AUTOMATION



### Manual Transfer Switch

Onload Manual Transfer Switch consists of two separate sets of terminals for incoming supplies and a set of output terminals to connect the common load. Thus, the Manual Transfer Switch ensures continuity of supply to the load by alternating between normal and alternate supply.

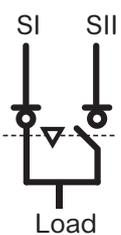
Onload Manual Transfer Switch is available from 63 to 2000 A. The range is covered through 6 frames as shown below.

Frame	Ratings (A)		
100	63	100	
200	125	160	200
315	250	315	
630	400	630	
1000	630	800	1000
2000	1250	1600	2000

### Basic function of Manual Transfer Switch

Onload Manual Transfer Switch has 3 stable positions as defined below:

Position I



Position O



Position II



#### POSITION I

- The switch is in the ON position with a normal supply available at the outgoing terminals.

#### POSITION O

- The switch is in the OFF position and outgoing terminals are isolated from both supplies (normal and alternate supplies)

#### POSITION II

- The switch is in ON position with an alternate supply available at the outgoing terminals.

### Versions

Manual Transfer Switch is available in open execution.

Manual Transfer Switch, which can be commissioned in panels is of open execution type and provide IP20 protection from front.

## Superior Performance

### Higher short-time withstand capacity

- Contact system is of double break, knife type having self wiping action with electrodynamic compensation. This ensures reliable performance during normal as well as short circuit conditions, offering a higher short-time withstand rating.

### Total flexibility of connection

- Factory-fitted external shorting links can be easily removed and fitted on the otherside as required at the site (125 to 2000 A). This gives more flexibility at the time of installation. For MTS 100 (63 to 100 A), Commercial reference number for top and bottom shorting links are available.

### Maximum connection capacity

- Manual Transfer Switch provides more terminal capacity in its compact size, facilitating Aluminium or Copper connection.

### Higher ground clearance

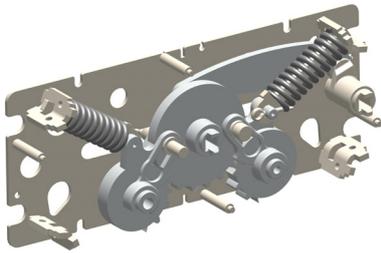
- Higher ground clearance between terminals and mounting base plate ensures adequate clearance even after connecting cables. This minimizes the possibility of phase to ground flashover.

### Total safety

- Manual Transfer Switch provides incredible safety by providing terminal shrouds, source separator and Inter-phase barriers.

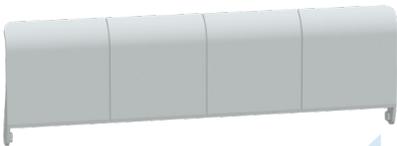
INDUSTRIAL AUTOMATION

A



### 1. Mechanism

A single, compact and modular mechanism cassette operates two switches and provides mechanical interlocking between them. The use of a patented, self-interlocking and dual dead center mechanism provides higher reliability for the Manual transfer function.



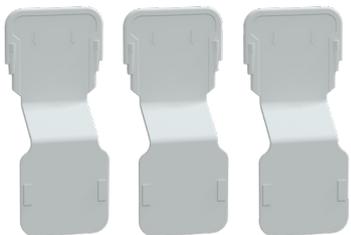
### 2. Terminal shroud

These shrouds provide a complete touch-proof design and prevent accidental touching of live terminals. They are click-fit types. Due to hinge-type terminal shrouds, it can be turned by 90°, hence terminals can be inspected without removing these shrouds.



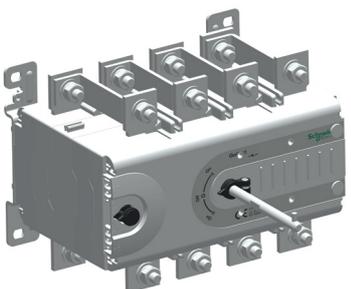
### 3. Source separator

A source separator isolate two incoming supplies and to minimize the possibility of flash-over between two supplies due to accidental falling of external objects.



### 4. Inter-phase barriers

Inter-phase barriers are provided for additional safety to minimize the possibility of an Inter-phase short circuit.



### 5. Positive ON/OFF indications of Manual Transfer Switch

The Manual Transfer switch indicates the true positions of contacts.

INDUSTRIAL AUTOMATION

## 6. Staggered terminals

The Manual transfer switch is designed to have staggered terminal arrangement for top and bottom switches. It provides clear access to all terminals from the front, ensuring ease of connection. All terminal joints can be easily inspected without the need of removing connection of top switch.

## 7. Interchangeable dual shaft position with site convertibility

The Patented dual dead center mechanism enables the user to choose between central and side shaft positions for the operating handle. This can be easily converted on-site as required (125 to 1000 A).

## 8. Handle

The Manual transfer switch has a unique flip-able operating handle for ratings 250 A and above which enables a user to operate the switch with two hands. The handle also offers the following features:

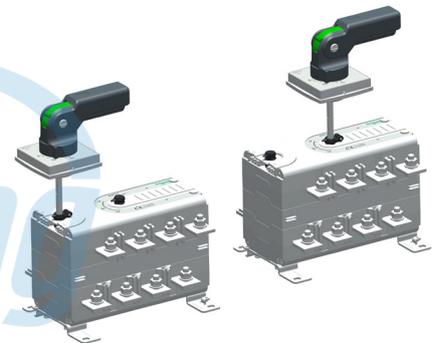
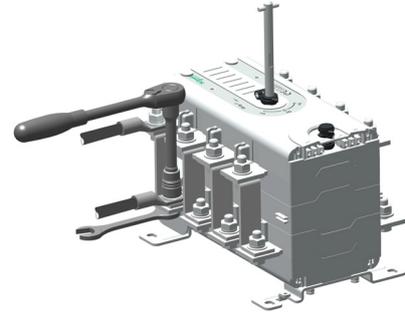
- Provision for padlocking in OFF position with three padlocks of Ø5 to Ø7
- Defeat feature in both ON states and auto restoration of panel door
- IP54 with extended type operating handle.

## 9. Auxiliary contact kit

It consists of two sets of auxiliary Manual transfer contacts one for each position. This kit is pre-wired with terminal blocks and is offered as a standard feature with open execution Manual transfer switch.

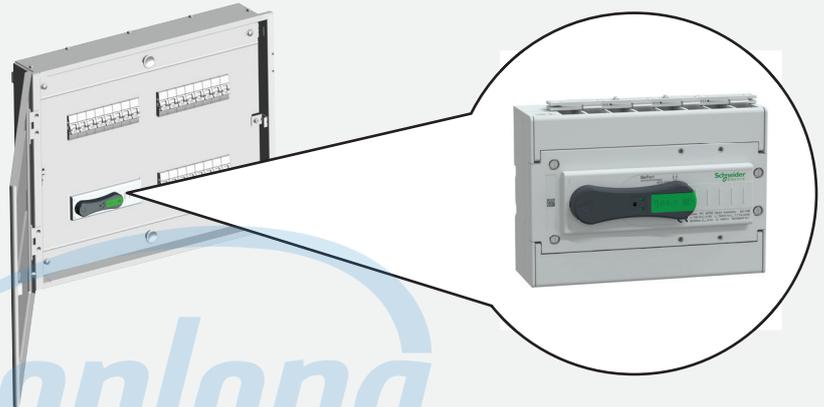
## 10. Key lock

Accessory to lock the Manual Transfer Switch in the OFF state and using this can have interlocking schemes between multiple switches.



### Manual Transfer Switch with Direct Handle

Compact direct handle 63 A and 100 A Manual Transfer Switch is suitable for double door Distribution board. It occupies only 8 Module spaces (44 x 140 cut-out).



### Universal Mounting for Manual Transfer Switch Range

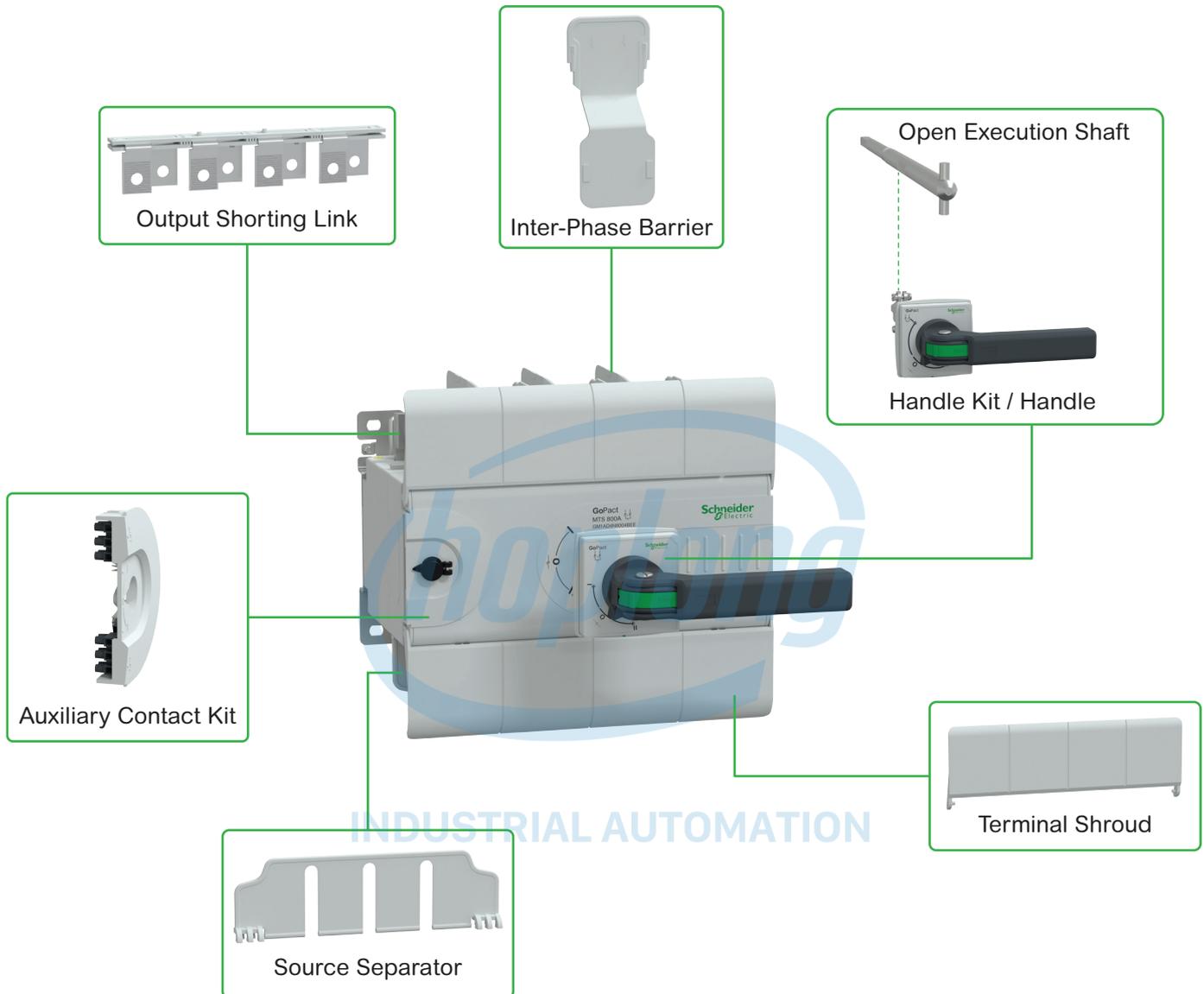
The Manual Transfer Switch range also offers a distinctive feature to mount the manual transfer switch in different quadrants. This feature aids mounting flexibility.

### Operating Quadrant chart

(Seen from front of the door)

Sr. No.	Handle (OFF) Position	Switch Orientation	Shaft Position	Door Cut-out
1				
2				
3				
4				

Electrical and mechanical accessories



A



Key Lock#

# Need to buy separately



GoPact MTS 100 - Direct



GoPact MTS 100 - Extended

GoPact MTS 100		63 A	100 A
Data according to IEC60947-3			
Poles		4P	
Rated operational voltage ( $U_e$ )	(V)	415	415
Rated frequency	(Hz)	50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)	1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)	8	8
Pollution degree		3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)	63	100
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)	63	100
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)	63	100
Rated operational power for AC-23 A	(kW)	50	50
Rated breaking capacity for AC-23 A	(A)	504	800
Rated making capacity for AC-23 A	(A)	630	1000
Short time withstand, $I_{cw}$	1 sec (kA rms)	5	5
	0.2 sec (kA rms)	10	10
Short-circuit making capacity, $I_{cm}$	(kA peak)	7.7	7.7
Endurance (Category A)	Mechanical (O-I-O-II-O cycle)	20000	20000
	Electrical at 415 V (O-I-O-II-O cycle)	1500	1500
Connection capacity			
Maximum cross section	(sq mm)	25	35
Maximum link width	(mm)	16	16
Maximum link thickness	(mm)	4.7	4.7
Connection tightening torque	(N-m)	4.5	4.5
Operating torque	(N-m)	4.5	4.5
Weight (without accessories)	(kg)	2.3	2.3
Data according to IEC 60947-6-1			
Class of equipment		PC	PC
Rated short time withstand current $I_{cw}$ (r.m.s)	415 V, 0.1 s kA	5	5
Rated operational current AC-31B	A	63	100
Rated operational current AC-32B	A	63	100
GoPact MTS 100		63 A	100 A
Temperature derating	40 °C	1 In	1 In
	45 °C	1 In	1 In
	50 °C	1 In	1 In
	55 °C	1 In	0.95 In
Altitude derating factor	2000	1 In	1 In
	3000	0.96 In	0.96 In
	4000	0.93 In	0.93 In
	5000	0.89 In	0.89 In



GoPact MTS 200

GoPact MTS 200		125 A	160 A	200 A
Data according to IEC60947-3				
Poles		4P		
Rated operational voltage ( $U_g$ )	(V)	415	415	415
Rated frequency	(Hz)	50 / 60	50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)	1000	1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)	12	12	12
Pollution degree		3	3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)	125	160	200
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)	125	160	200
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)	125	160	200
Rated operational power for AC-23 A	(kW)	65	85	85
Rated breaking capacity for AC-23 A	(A)	1000	1280	1600
Rated making capacity for AC-23 A	(A)	1250	1600	2000
Short time withstand, $I_{cw}$	1 sec (kA rms)	8	8	8
	0.2 sec (kA rms)	18	18	18
Short-circuit making capacity, $I_{cm}$	(kA peak)	14	14	14
Endurance (Category A)	Mechanical (O-I-O-II-O cycle)	16000	16000	16000
	Electrical at 415 V (O-I-O-II-O cycle)	1000	1000	1000
Connection capacity				
Maximum cross section	(sq mm)	95	95	150
Maximum link width	(mm)	30	30	30
Maximum link thickness	(mm)	5	5	5
Connection tightening torque	(N-m)	10	10	10
Operating torque (centre/side)	(N-m)	10 / 13	10 / 13	10 / 13
Weight (without accessories)	(kg)	4	4	4
Data according to IEC 60947-6-1				
Class of equipment		PC	PC	PC
Rated short time withstand current $I_{cw}$ (r.m.s) 415 V, 0.1 s	kA	10	10	10
Rated operational current AC-31B	A	125	160	200
Rated operational current AC-32B	A	125	160	200
GoPact MTS 200		125 A	160 A	200 A
Temperature derating	40 °C	1 In	1 In	1 In
	45 °C	1 In	1 In	1 In
	50 °C	1 In	1 In	1 In
	55 °C	1 In	1 In	0.95 In
Altitude derating factor	2000	1 In	1 In	1 In
	3000	0.96 In	0.96 In	0.96 In
	4000	0.93 In	0.93 In	0.93 In
	5000	0.89 In	0.89 In	0.89 In





GoPact MTS 315

GoPact MTS 315			250 A	315 A
Data according to IEC60947-3				
Poles			4P	
Rated operational voltage ( $U_e$ )	(V)		415	415
Rated frequency	(Hz)		50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)		1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)		12	12
Pollution degree			3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)		250	315
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)		250	315
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)		250	315
Rated operational power for AC-23 A	(kW)		160	160
Rated breaking capacity for AC-23 A	(A)		2000	2520
Rated making capacity for AC-23 A	(A)		2500	3150
Short time withstand, $I_{cw}$	1 sec	(kA rms)	18	18
	0.2 sec	(kA rms)	28	28
Short-circuit making capacity, $I_{cm}$		(kA peak)	36	36
Endurance (Category A)	Mechanical	(O-I-O-II-O cycle)	16000	16000
	Electrical at 415 V	(O-I-O-II-O cycle)	1000	1000
Connection capacity				
Maximum cross section		(sq mm)	185	240
Maximum link width		(mm)	40	40
Maximum link thickness		(mm)	8	8
Connection tightening torque		(N-m)	20	20
Operating torque (centre/side)		(N-m)	20/25	20/25
Weight (without accessories)		(kg)	7	7
Data according to IEC 60947-6-1				
Class of equipment			PC	PC
Rated short time withstand current $I_{cw}$ (r.m.s)	415 V, 0.1 s	kA	18	18
Rated operational current AC-31B		A	250	315
Rated operational current AC-32B		A	250	315
GoPact MTS 315			250 A	315 A
Temperature derating	40 °C		1 In	1 In
	45 °C		1 In	1 In
	50 °C		1 In	1 In
	55 °C		1 In	0.95 In
Altitude derating factor	2000		1 In	1 In
	3000		0.96 In	0.96 In
	4000		0.93 In	0.93 In
	5000		0.89 In	0.89 In



GoPact MTS 630

GoPact MTS 630		400 A	630 A
Data according to IEC60947-3			
Poles		4P	
Rated operational voltage ( $U_e$ )	(V)	415	415
Rated frequency	(Hz)	50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)	1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)	12	12
Pollution degree		3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)	400	630
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)	400	630
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)	400	630
Rated operational power for AC-23 A	(kW)	225	315
Rated breaking capacity for AC-23 A	(A)	3200	5040
Rated making capacity for AC-23 A	(A)	4000	6300
Short time withstand, $I_{cw}$	1 sec	(kA rms)	22
	0.2 sec	(kA rms)	35
Short-circuit making capacity, $I_{cm}$		(kA peak)	46.2
Endurance (Category A)	Mechanical	(O-I-O-II-O cycle)	10000
	Electrical at 415 V	(O-I-O-II-O cycle)	1000
Connection capacity			
Maximum cross section	(sq mm)	2 x 300	2 x 300
Maximum link width	(mm)	50	50
Maximum link thickness	(mm)	8	2 x 8
Connection tightening torque	(N-m)	27	27
Operating torque (centre/side)	(N-m)	28 / 32	28 / 32
Weight (without accessories)	(kg)	14	14.5
Data according to IEC 60947-6-1			
Class of equipment		PC	PC
Rated short time withstand current $I_{cw}$ (r.m.s)	415 V, 0.1 s	kA	22
Rated operational current AC-31B		A	400
Rated operational current AC-32B		A	400
GoPact MTS 630		400 A	630 A
Temperature derating	40 °C	1 In	1 In
	45 °C	1 In	1 In
	50 °C	1 In	1 In
	55 °C	0.95 In	0.95 In
Altitude derating factor	2000	1 In	1 In
	3000	0.96 In	0.96 In
	4000	0.93 In	0.93 In
	5000	0.89 In	0.89 In





GoPact MTS 1000

GoPact MTS 1000		630 A	800 A	1000 A
Data according to IEC60947-3				
Poles		4P		
Rated operational voltage ( $U_g$ )	(V)	415	415	415
Rated frequency	(Hz)	50 / 60	50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)	1000	1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)	12	12	12
Pollution degree		3	3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)	630	800	1000
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)	630	800	1000
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)	630	800	1000
Rated operational power for AC-23 A	(kW)	315	400	450
Rated breaking capacity for AC-23 A	(A)	5040	6400	8000
Rated making capacity for AC-23 A	(A)	6300	8000	10000
Short time withstand, $I_{cw}$	1 sec (kA rms)	35	50	50
	0.2 sec (kA rms)	70	85	85
Short-circuit making capacity, $I_{cm}$	(kA peak)	73.5	105	105
Endurance (Category A)	Mechanical (O-I-O-II-O cycle)	10000	10000	10000
	Electrical at 415 V (O-I-O-II-O cycle)	1000	500	500
Connection capacity				
Maximum cross section	(sq mm)	2 x 400	2 x 400	2 x 400
Maximum link width	(mm)	60	60	60
Maximum link thickness	(mm)	2 x 10	2 x 10	2 x 10
Connection tightening torque	(N-m)	35	35	35
Operating torque (centre/side)	(N-m)	30 / 40	30 / 40	30 / 40
Weight (without accessories)	(kg)	20	22	22
GoPact MTS 1000		630 A	800 A	1000 A
Temperature derating	40 °C	1 In	1 In	1 In
	45 °C	1 In	1 In	1 In
	50 °C	1 In	1 In	1 In
	55 °C	0.95 In	0.95 In	0.95 In
Altitude derating factor	2000	1 In	1 In	1 In
	3000	0.96 In	0.96 In	0.96 In
	4000	0.93 In	0.93 In	0.93 In
	5000	0.89 In	0.89 In	0.89 In

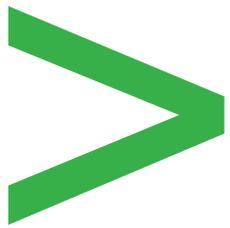


GoPact MTS 2000

GoPact MTS 2000		1250 A	1600 A	2000 A
Data according to IEC60947-3				
Poles		4P		
Rated operational voltage ( $U_e$ )	(V)	415	415	415
Rated frequency	(Hz)	50 / 60	50 / 60	50 / 60
Rated insulation voltage ( $U_i$ )	(V)	1000	1000	1000
Rated impulse withstand voltage ( $U_{imp}$ )	(kV)	12	12	12
Pollution degree		3	3	3
Conventional free air thermal current, $I_{th}$ at 40 °C	(A)	1250	1600	2000
Conventional enclosed thermal current, $I_{the}$ at 40 °C	(A)	1250	1600	2000
Rated operational current, $I_e$ AC-21 A / AC-22 A / AC-23 A	(A)	1250	1600*/1250	2000*/1250
Rated operational power for AC-23 A	(kW)	710	710	710
Rated breaking capacity for AC-23 A	(A)	10000	10000	10000
Rated making capacity for AC-23 A	(A)	12500	12500	12500
Short time withstand, $I_{cw}$	1 sec (kA rms)	50	50	50
	0.2 sec (kA rms)	85	85	85
Short-circuit making capacity, $I_{cm}$	(kA peak)	105	105	105
Endurance (Category A)	Mechanical (O-I-O-II-O cycle)	10000	10000	10000
	Electrical at 415 V (O-I-O-II-O cycle)	500	500	500
Connection capacity				
Maximum link width	(mm)	80	80	100
Maximum link thickness	(mm)	3 x 12	3 x 12	3 x 12
Connection tightening torque	(N-m)	55	55	55
Operating torque	(N-m)	55	55	55
Weight (without accessories)	(kg)	52	57	75

GoPact MTS 2000		1250 A	1600 A	2000 A
Temperature derating	40 °C	1 In	1 In	1 In
	45 °C	1 In	1 In	1 In
	50 °C	1 In	1 In	1 In
	55 °C	0.95 In	0.95 In	0.95 In
Altitude derating factor	2000	1 In	1 In	1 In
	3000	0.96 In	0.96 In	0.96 In
	4000	0.93 In	0.93 In	0.93 In
	5000	0.89 In	0.89 In	0.89 In

\*Rated operational current,  $I_e$  AC-21 A/AC-22 A



# Circuit Diagrams

INDUSTRIAL AUTOMATION

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B



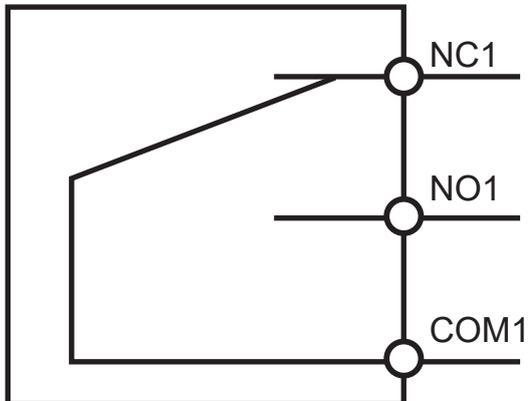
INDUSTRIAL AUTOMATION

**Manual Transfer Switch**

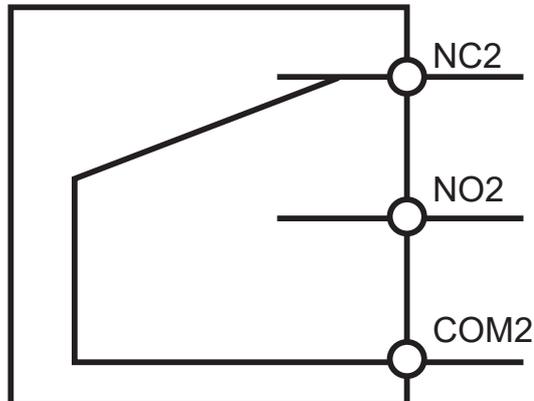
GoPact MTS

GoPact MTS 100

Auxiliary Contact - source I



Auxiliary Contact - source II



Transfer switching equipment is closed at source I:

- COM1 – NO1 is closed
- COM1 – NC1 is open

Transfer switching equipment is closed at source II:

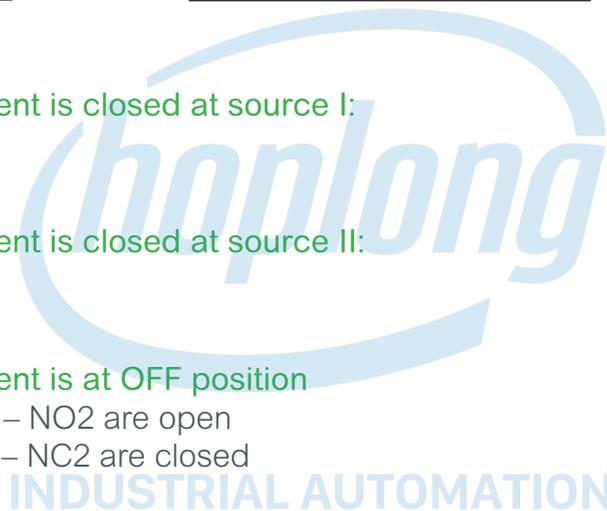
- COM2 – NO2 is closed
- COM2 – NC2 is open

Transfer switching equipment is at OFF position

- COM1 – NO1 and COM2 – NO2 are open
- COM1 – NC1 and COM2 – NC2 are closed

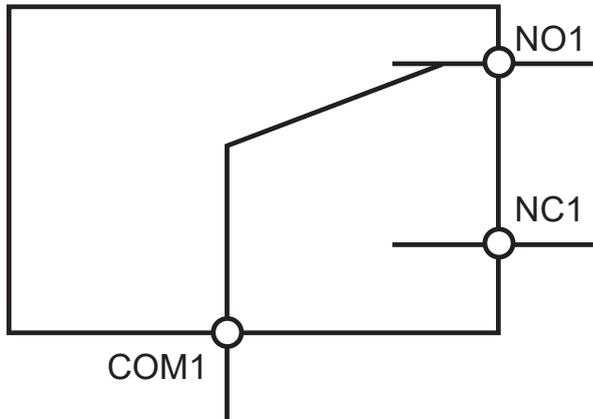
Characteristic for auxiliary contact:

Rating: 10 A; 250 Vac

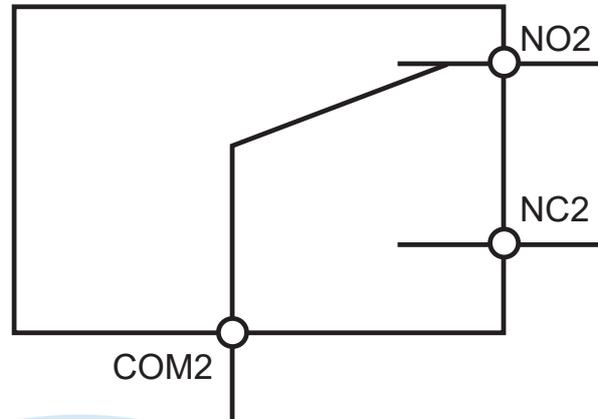


GoPact MTS 200 – 2000

Auxiliary Contact - source I



Auxiliary Contact - source II



B

Transfer switching equipment is closed at source I:

- COM1 – NO1 is closed
- COM1 – NC1 is open

Transfer switching equipment is closed at source II:

- COM2 – NO2 is closed
- COM2 – NC2 is open

Transfer switching equipment is at OFF position

- COM1 – NO1 and COM2 – NO2 are open
- COM1 – NC1 and COM2 – NC2 are closed

Characteristic for auxiliary contact:

Rating: 10 A; 250 Vac



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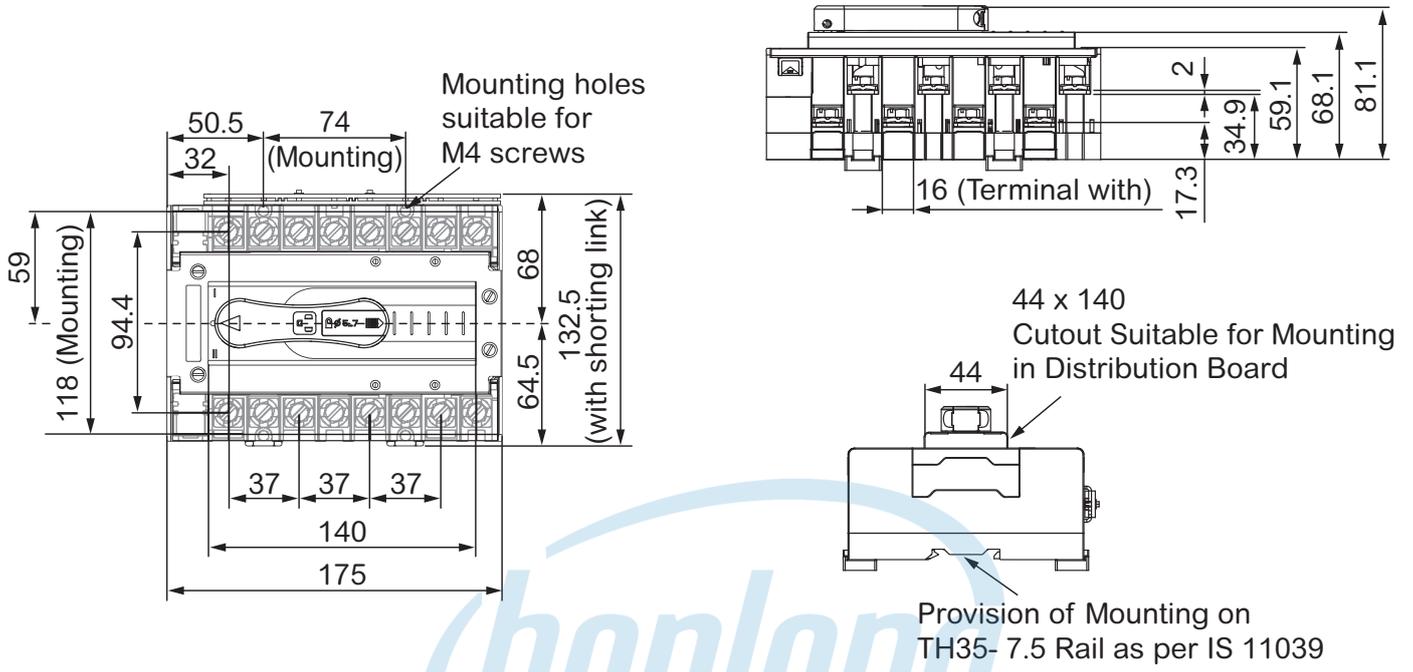
Dimensions

Manual Transfer Switch

GoPact MTS

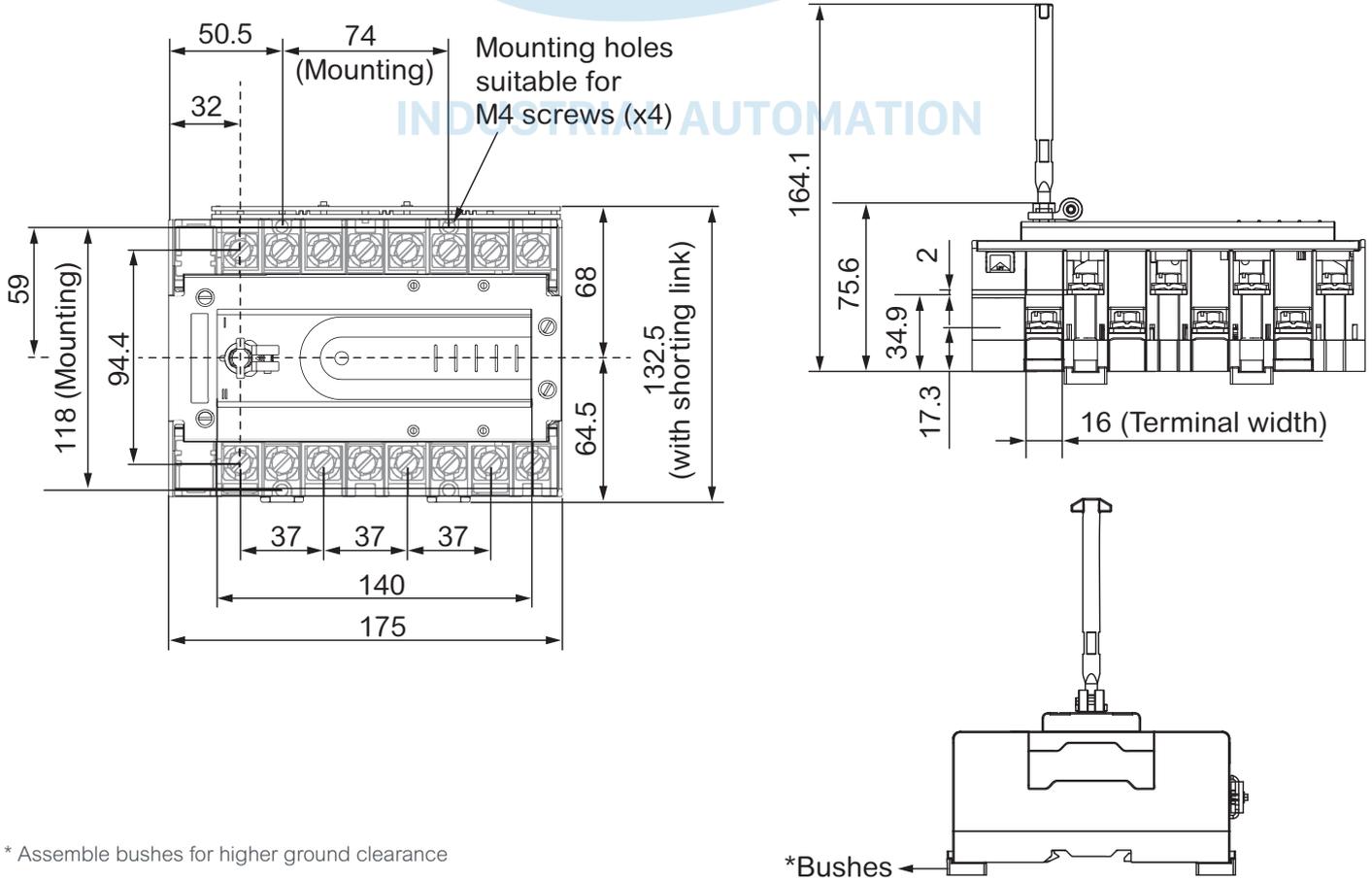
GoPact MTS 100

Open Execution with Direct Handle Manual Transfer switch



GoPact MTS 100

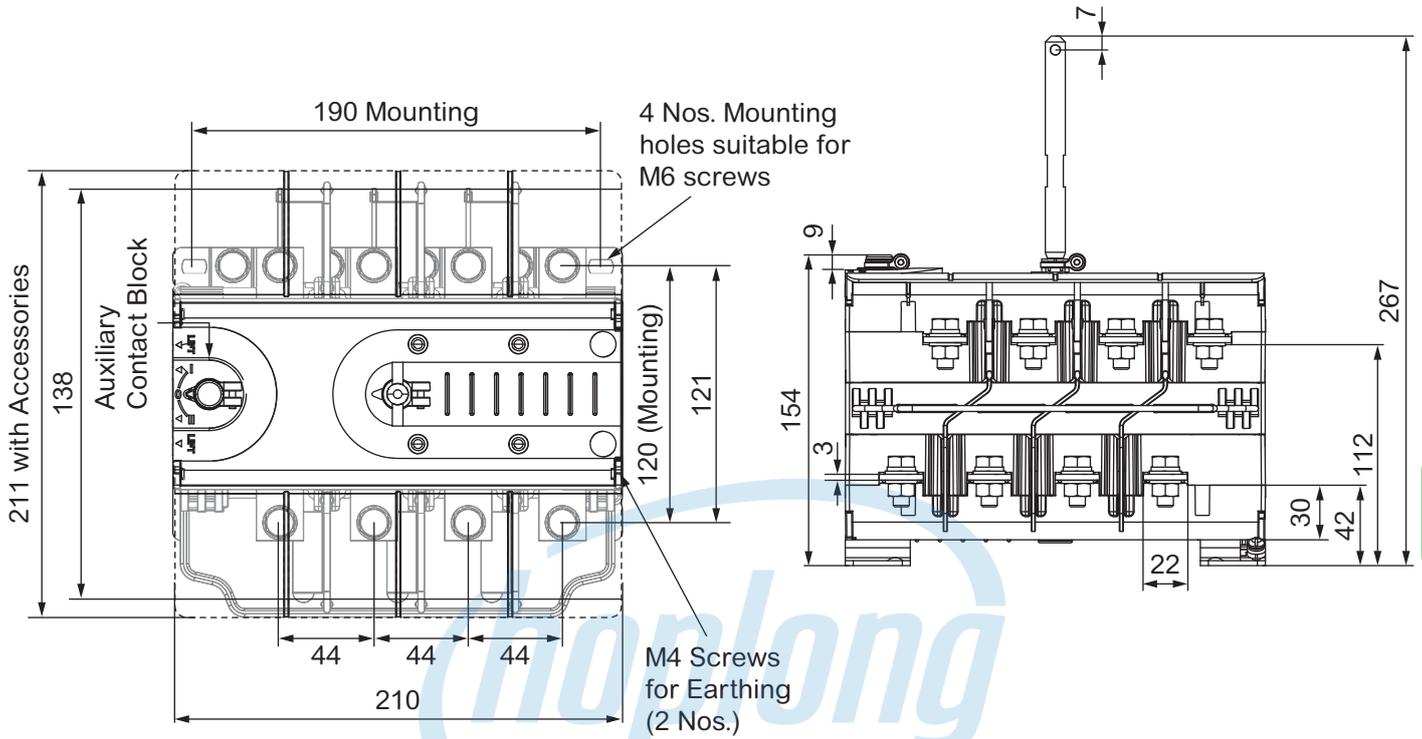
Open Execution with Extended Handle Manual Transfer switch



\* Assemble bushes for higher ground clearance

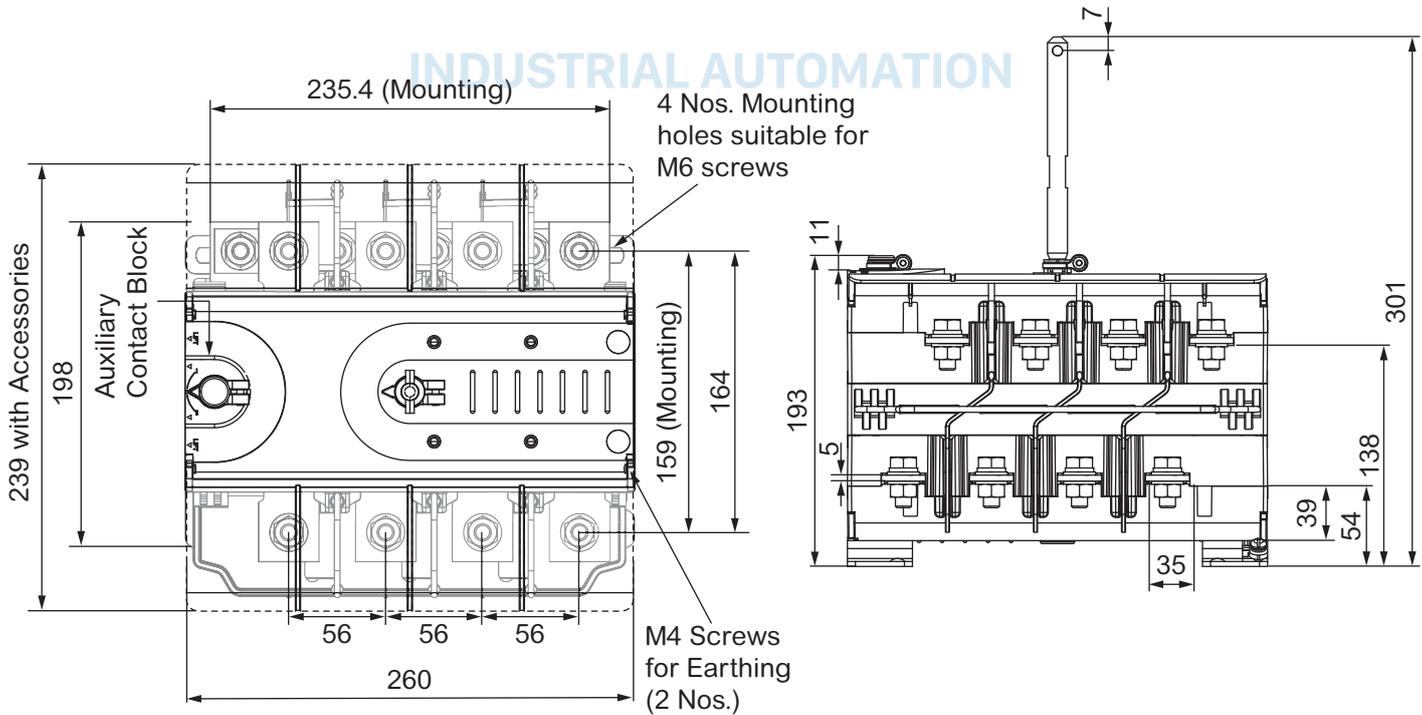
**GoPact MTS 200**

Open Execution with Extended Handle Manual Transfer switch



**GoPact MTS 315**

Open Execution with Extended Handle Manual Transfer switch

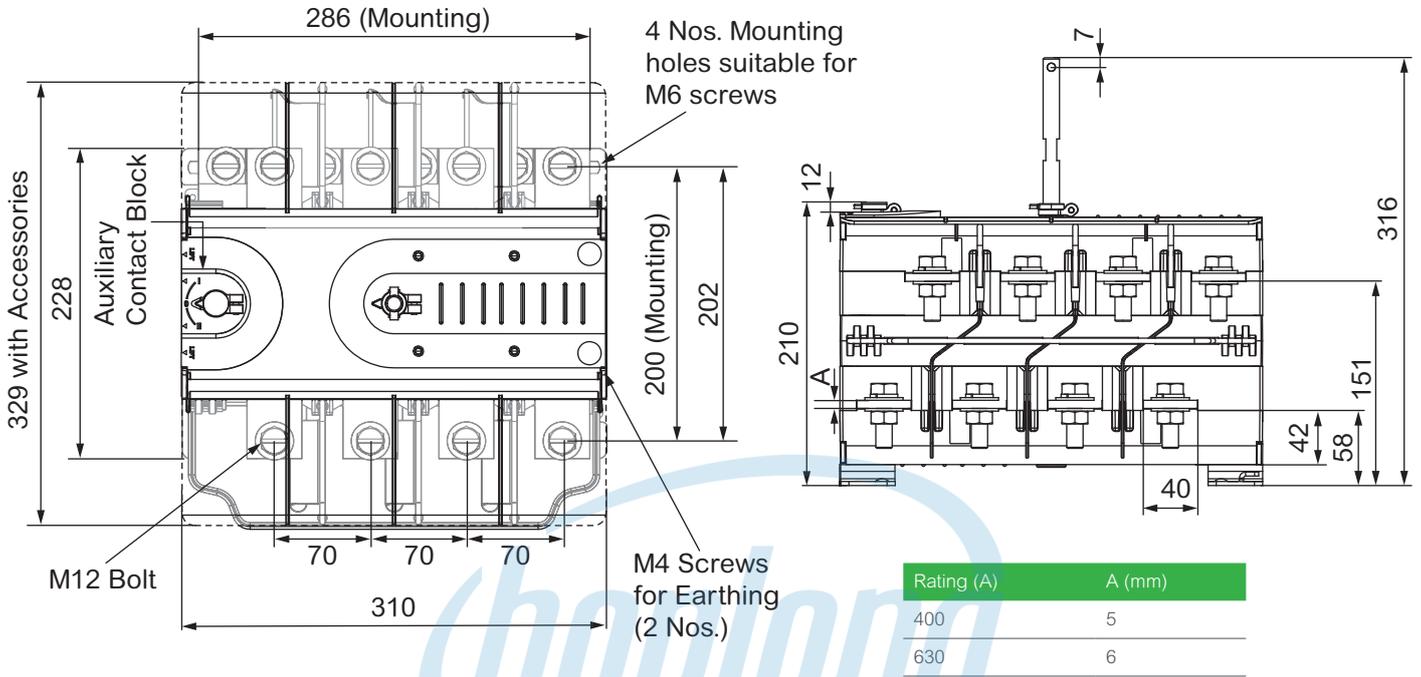


# Manual Transfer Switch

GoPact MTS

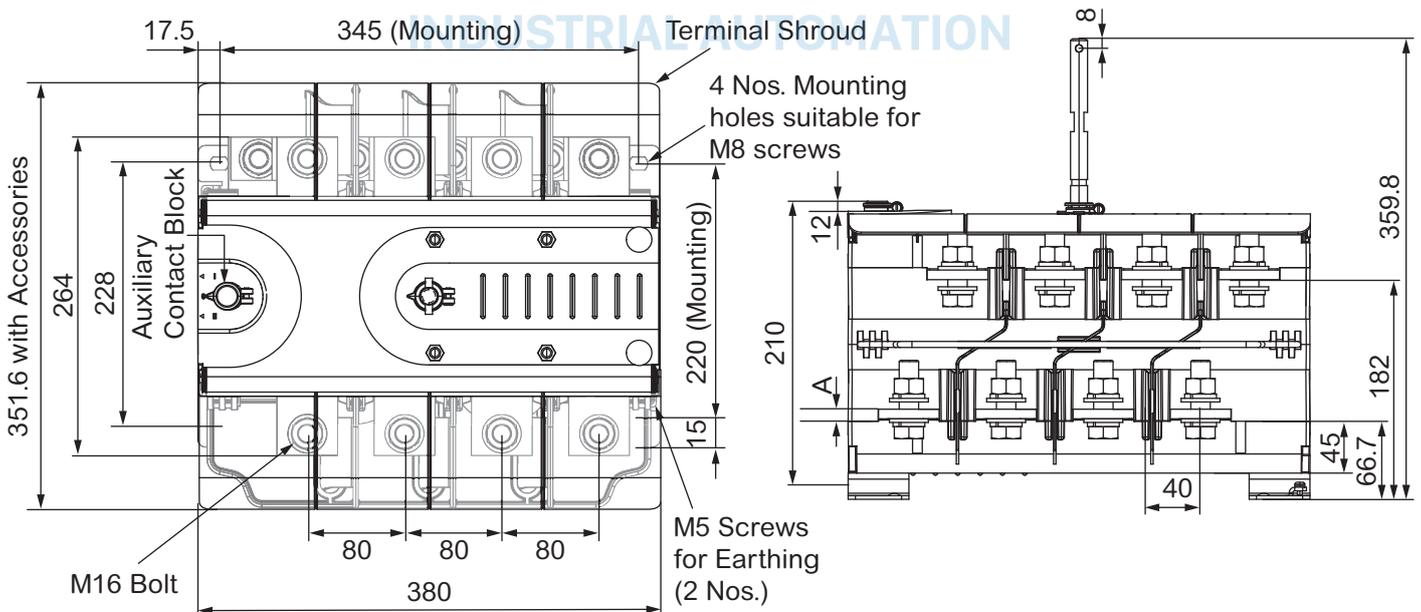
GoPact MTS 630

Open Execution with Extended Handle Manual Transfer switch



## GoPact MTS 1000

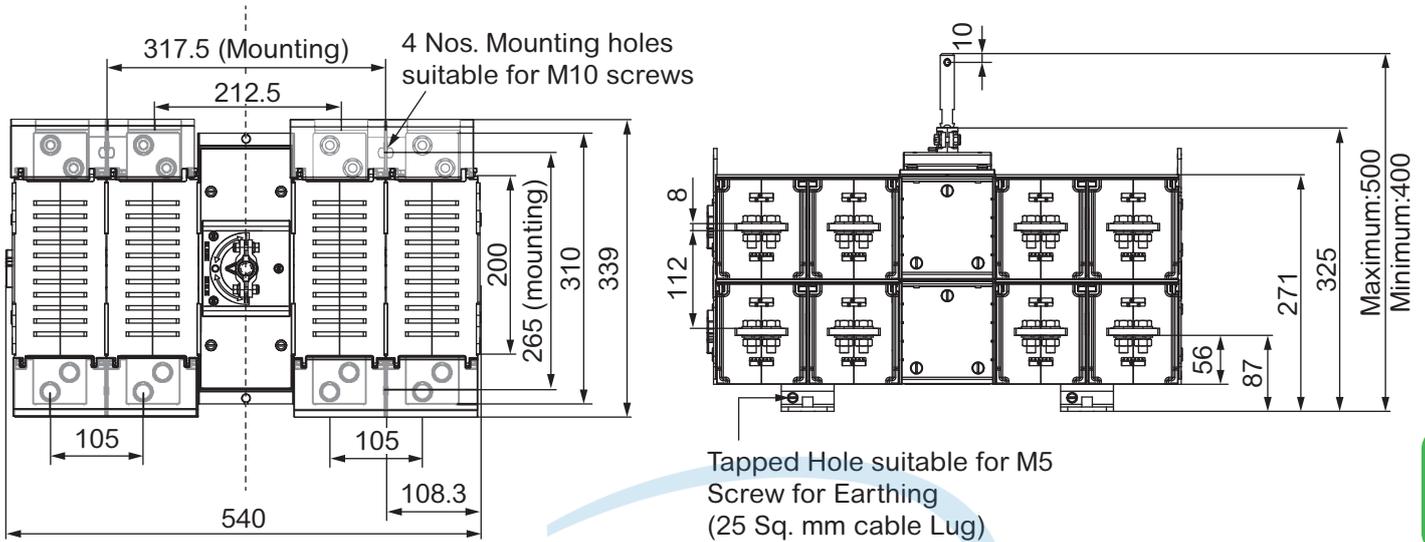
Open Execution with Extended Handle Manual Transfer switch



Rating (A)	A (mm)
630	6
800	8
1000	8

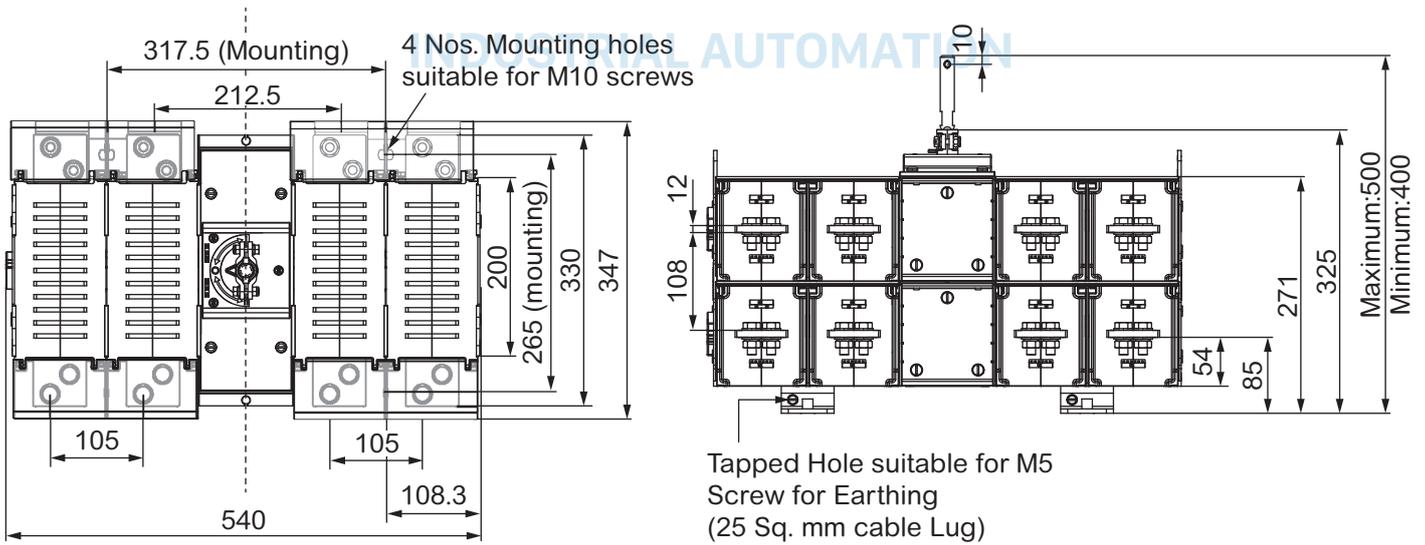
**GoPact MTS 2000 (1250 A)**

Open Execution with Extended Handle Manual Transfer switch with center operation



**GoPact MTS 2000 (1600 A)**

Open Execution with Extended Handle Manual Transfer switch with center operation

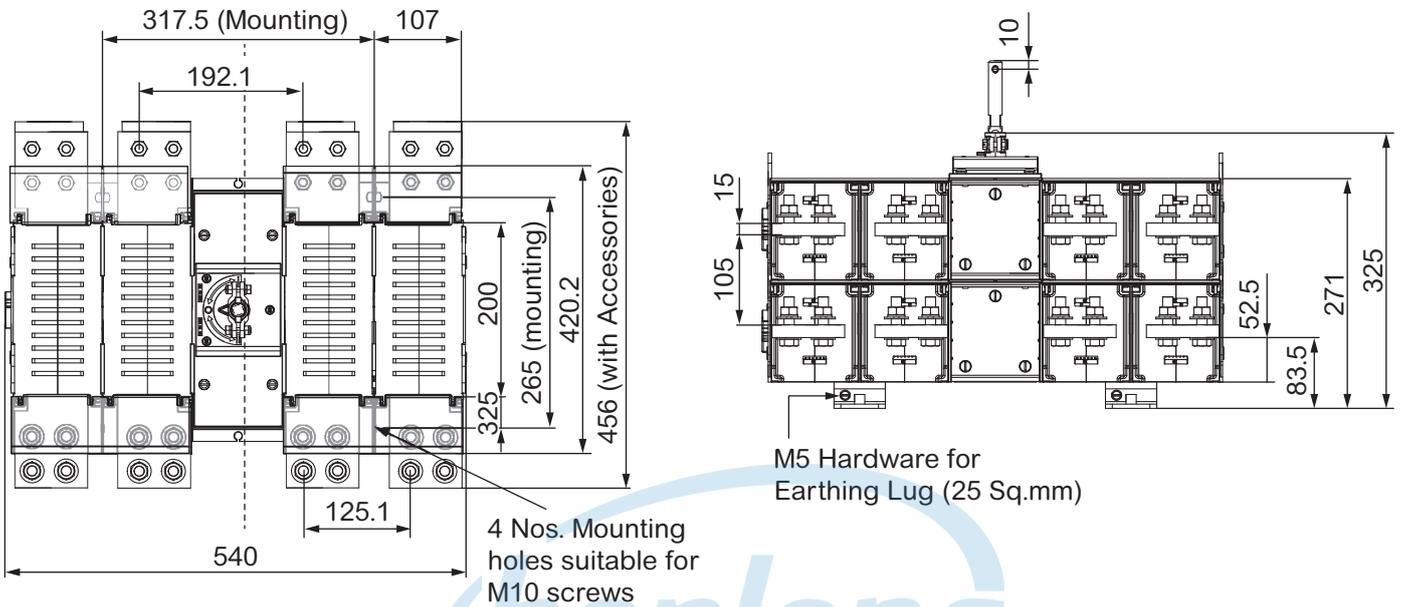


# Manual Transfer Switch

GoPact MTS

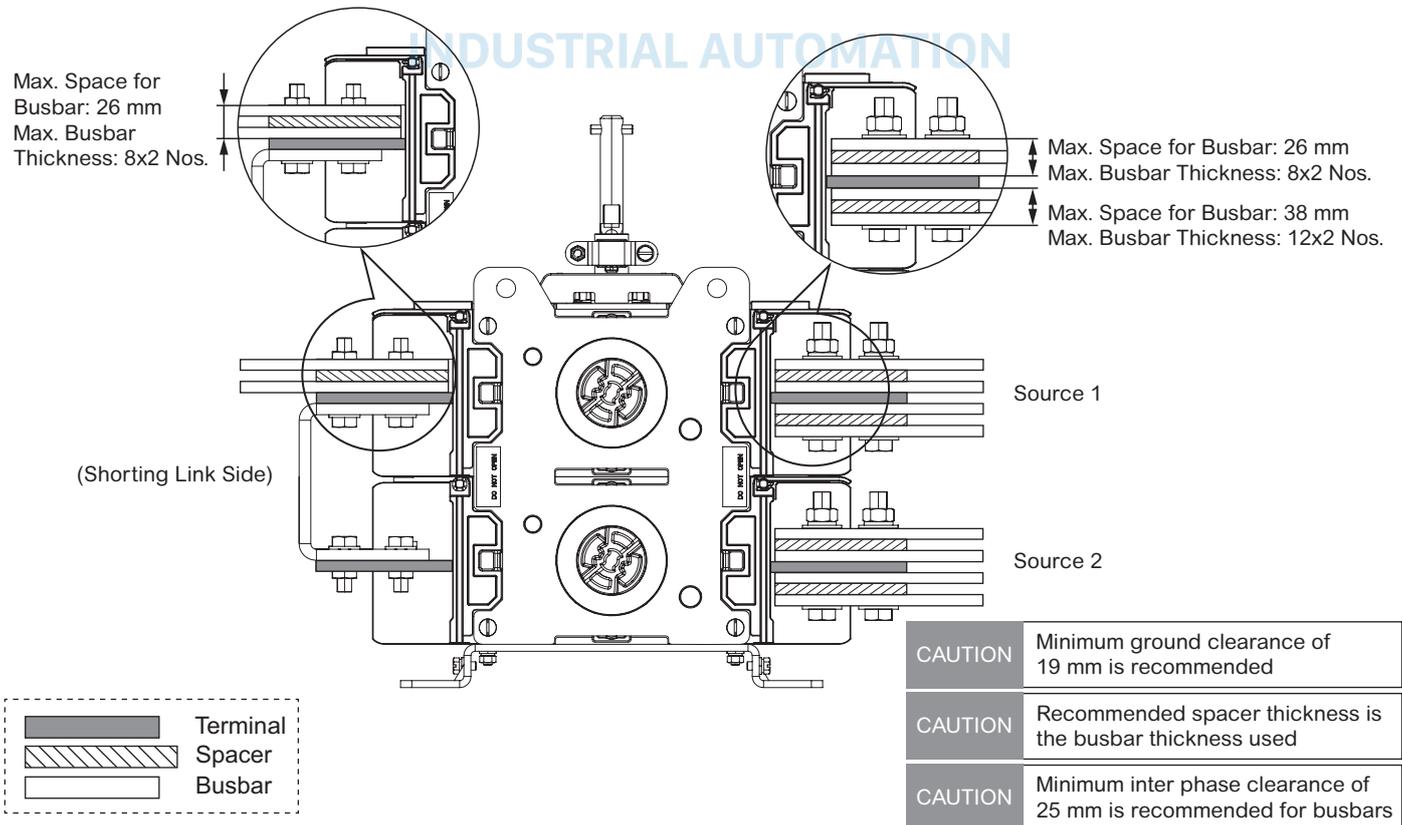
GoPact MTS 2000 (2000 A)

Open Execution with Extended Handle Manual Transfer switch with center operation



## GoPact MTS 2000 (2000 A)

Connection of 100 mm Busbar



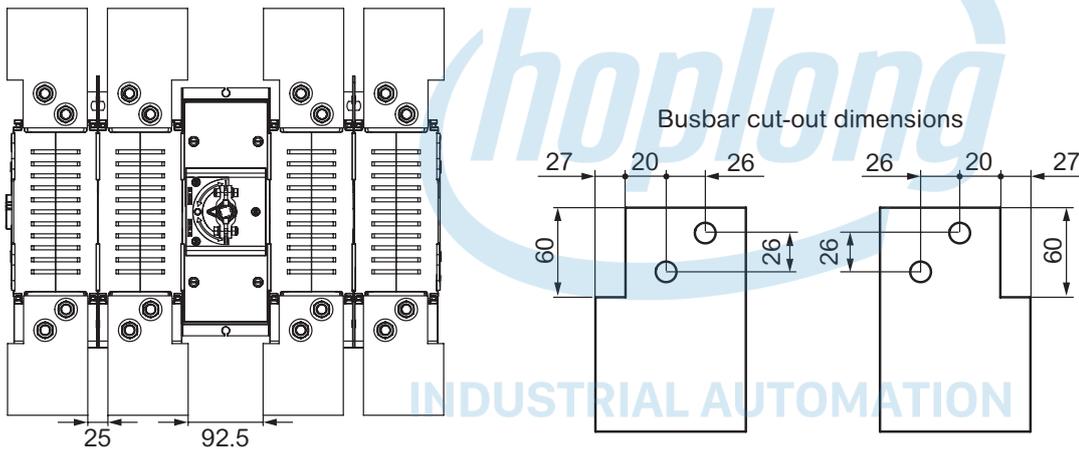
Recommended connection practices for busbar width 60-80 mm with diagonal hole configuration

Busbar	1250 A	1600 A	2000 A
Cu	80 x 5 x 2nos	100 x 5 x 2nos	100 x 5 x 2nos
*Al	63 x 12 x 2nos	50 x 8 x 2nos	100 x 10 x 2nos

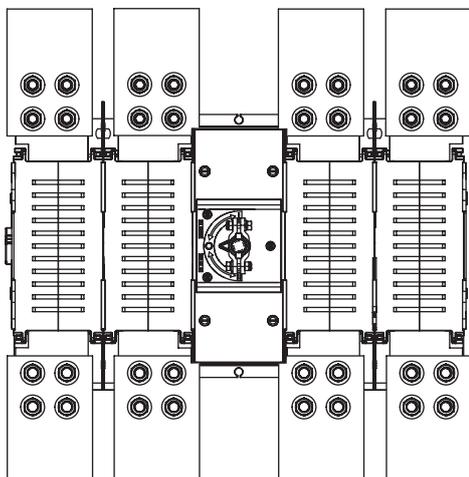
Note: 1. Different configurations of busbars can be used maintaining minimum cross section area as specified in the table.  
 2. Factory supplied bolt length caters to the copper busbars connection as per standard. In case of different configurations and cross section areas, bolt of higher length may be required.

\* For Aluminium termination as per standard:  
 1250 A: Factory fitted hardware to be used, 1600/2000 A: Bolt length of 85 mm to be used.

GoPact MTS 2000 - 1600 A Connection of 100 mm Busbar



GoPact MTS 2000 - 2000 A Connection of 100 mm Busbar

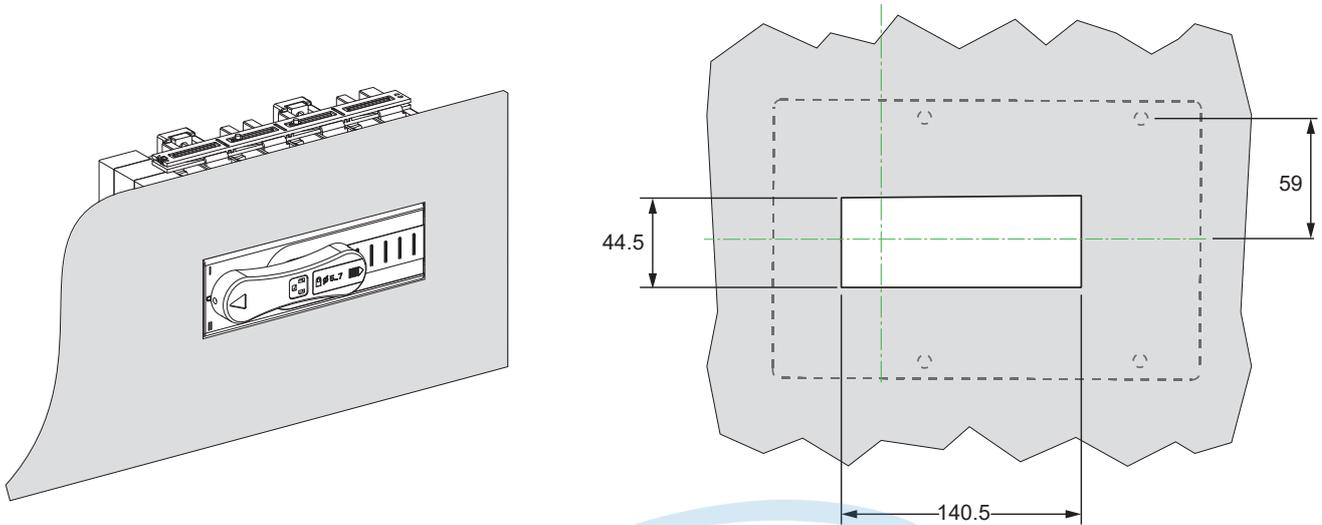


Direct connection of 100 mm busbar possible in case of 2000 A

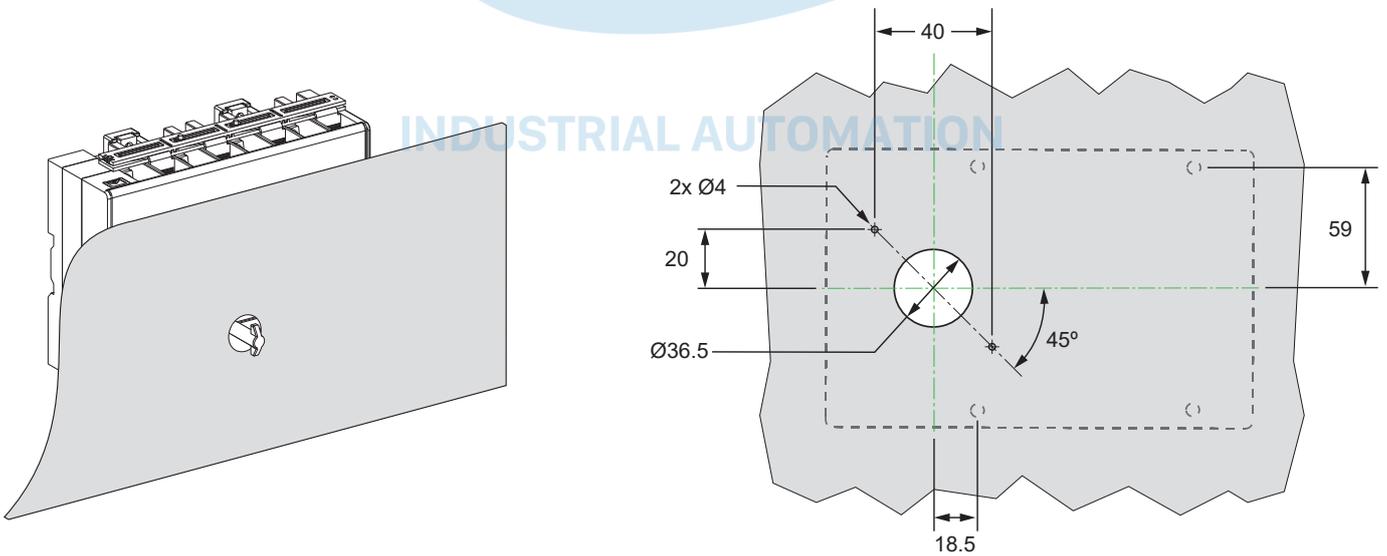
# Cutouts

Front panel cutouts

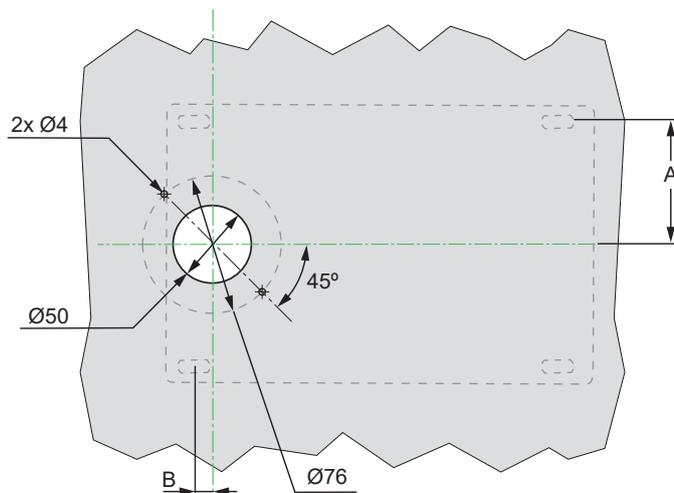
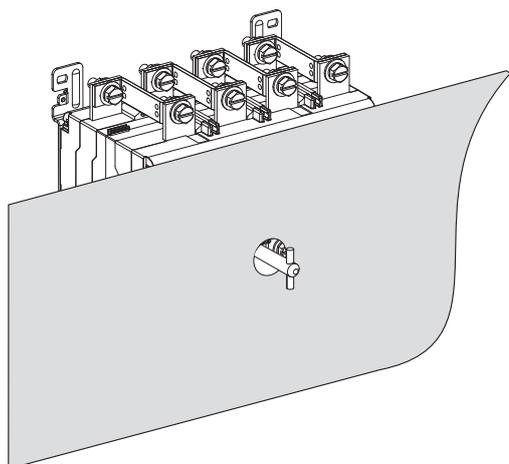
GoPact MTS 100 - Direct rotary handle



GoPact MTS 100 - Extended rotary handle



GoPact MTS 200 to 1000 - Side Mounting

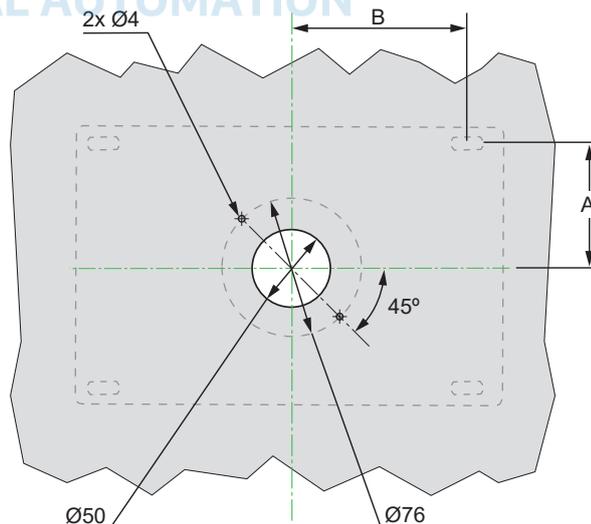
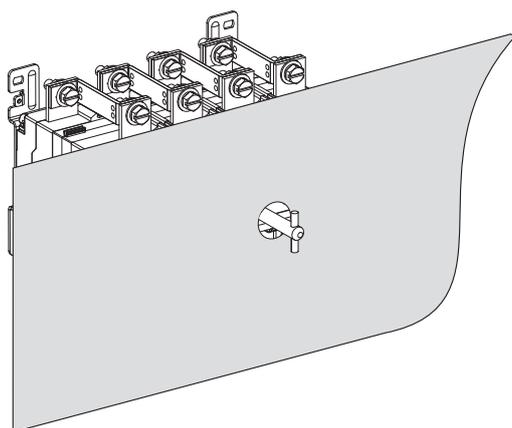


GoPact MTS	A	B
GoPact MTS 200	60	7
GoPact MTS 315	83.6	4.7
GoPact MTS 630	100	13
GoPact MTS 1000	110	8.5



GoPact MTS 200 to 1000 - Center Mounting

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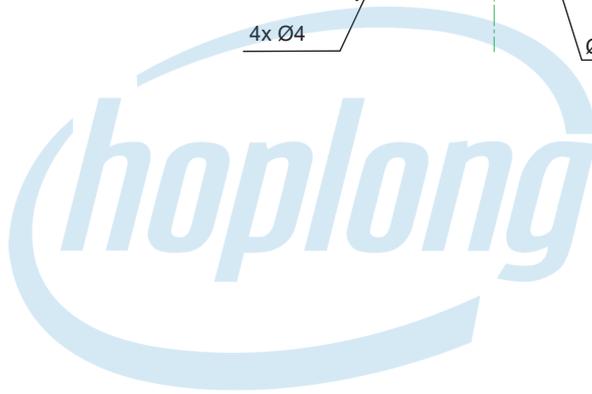
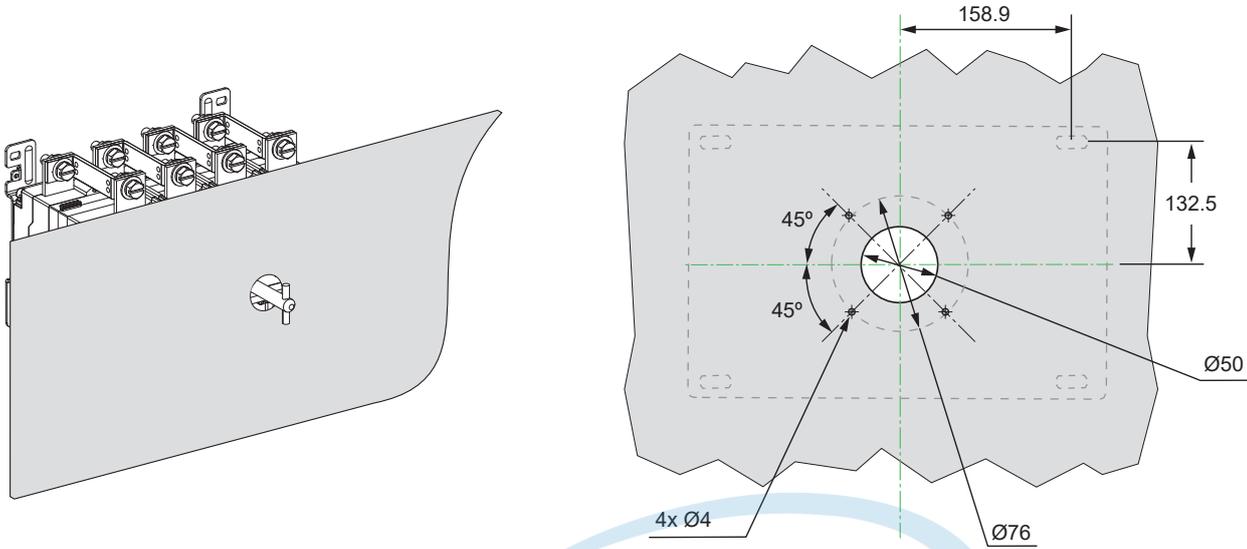


GoPact MTS	A	B
GoPact MTS 200	60	95
GoPact MTS 315	83.6	117
GoPact MTS 630	100	143
GoPact MTS 1000	110	117.7

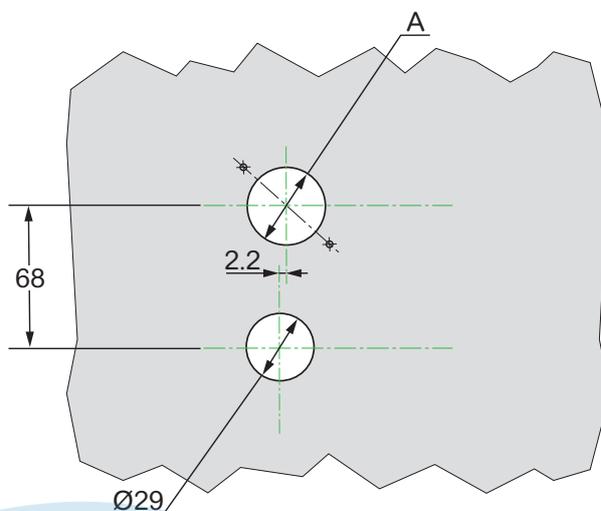
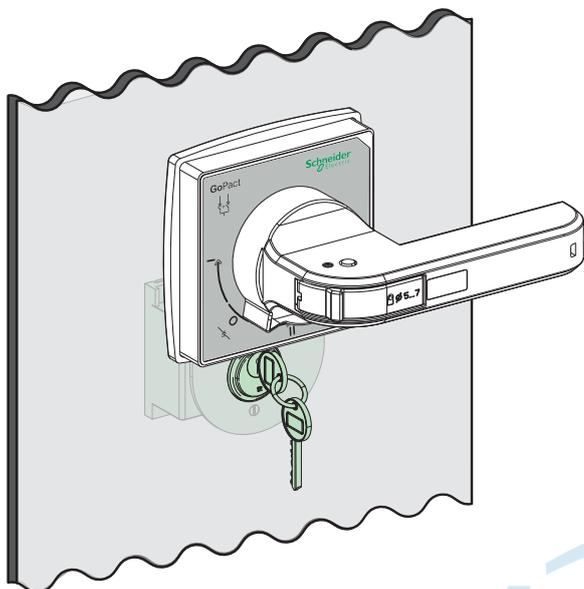
# Cutouts

Front panel cutouts

GoPact MTS 2000

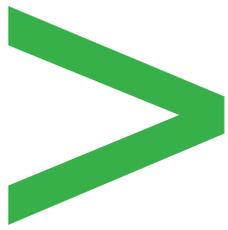


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GoPact MTS	A
GoPact MTS 100	Ø36.5
GoPact MTS 200	Ø50
GoPact MTS 315	
GoPact MTS 630	
GoPact MTS 1000	
GoPact MTS 2000	

INDUSTRIAL AUTOMATION



Commercial  
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INDUSTRIAL AUTOMATION

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Reference IDs

GoPact MTS

GoPact Manual Transfer Switch 100

		Direct handle	Extended handle
		Commercial reference	Commercial reference
	Rating		
	63 A	GM10D4N0634BDE	GM10D4N0634BEE
	100 A	GM10D4N1004BDE	GM10D4N1004BEE

GoPact Manual Transfer Switch 200

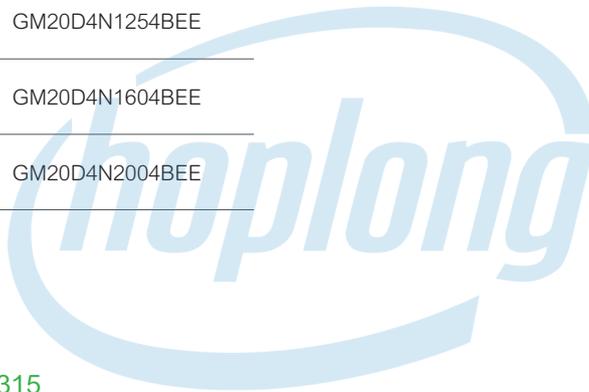
		Extended handle
		Commercial reference
	Rating	
	125 A	GM20D4N1254BEE
	160 A	GM20D4N1604BEE
	200 A	GM20D4N2004BEE

GoPact Manual Transfer Switch 315

		Extended handle
		Commercial reference
	Rating	
	250 A	GM32D4N2504BEE
	315 A	GM32D4N3154BEE

GoPact Manual Transfer Switch 630

		Extended handle
		Commercial reference
	Rating	
	400 A	GM63D4N4004BEE
	630 A	GM63D4N6304BEE



INDUSTRIAL AUTOMATION

GoPact Manual Transfer Switch 1000



Extended handle	
Rating	Commercial reference
630 A	GM1AD4N6304BEE
800 A	GM1AD4N8004BEE
1000 A	GM1AD4N10H4BEE

GoPact Manual Transfer Switch 2000



Extended handle	
Rating	Commercial reference
1250 A	GM2AD4N12H4BEE
1600 A	GM2AD4N16H4BEE
2000 A	GM2AD4N20H4BEE



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## Reference IDs

## Accessories

## Key lock



Frame	Rating	Commercial reference
100	63/100 A	GMSOTHCTL01A
200/315/ 630/1000	125/1000 A	GMSOTHCTL25A
2000	1250/2000 A	GMSOTHCTL06A

## Spare Parts

## Handle kit



Frame	Rating	Commercial reference
100	63/100 A	GMSOTHOHK01
200	125/200 A	GMSOTHOHK02
315	250/315 A	GMSOTHOHK03
630	400/630 A	GMSOTHOHK04
1000	630/1000 A	GMSOTHOHK05
2000	1250/2000 A	GMSOTHOHK06

## Auxiliary contact kit



Frame	Rating	Commercial reference
100	63/100 A	GMSAUXCK01
200	125/200 A	GMSAUXCK02
315	250/315 A	GMSAUXCK03
630	400/630 A	GMSAUXCK04
1000	630/1000 A	GMSAUXCK05
2000	1250/2000 A	GMSAUXCK06

## Open execution shaft



Frame	Rating	Commercial reference
100	63/100 A	GMSOTHOES01
200	125/200 A	GMSOTHOES02
315	250/315 A	GMSOTHOES03
630	400/630 A	GMSOTHOES04
1000	630/1000 A	GMSOTHOES05
2000	1250/2000 A	GMSOTHOES06

## Terminal shroud



Frame	Rating	Commercial reference
100	63/100 A	GMSISOTS01
200	125/200 A	GMSISOTS02
315	250/315 A	GMSISOTS03
630	400/630 A	GMSISOTS04
1000	630/1000 A	GMSISOTS05
2000	1250/1600 A	GMSISOTS06
2000	2000 A	GMSISOTS0620H

Output shorting link



Frame	Rating	Commercial reference
100	63/100 A	GMSCONOSL01T
100	63/100 A	GMSCONOSL01B
200	125/200 A	GMSCONOSL02200
315	250/315 A	GMSCONOSL03315
630	400/630 A	GMSCONOSL04630
1000	630/1000 A	GMSCONOSL0510H
2000	1250 A	GMSCONOSL0612H
2000	1600 A	GMSCONOSL0616H
2000	2000 A	GMSCONOSL0620H

Inter-phase barrier



Frame	Rating	Commercial reference
200	125/200 A	GMSISOPB02
315	250/315 A	GMSISOPB03
630	400/630 A	GMSISOPB04
1000	630/1000 A	GMSISOPB05
2000	1250/1600 A	GMSISOPB06
2000	2000 A	GMSISOPB0620H

Source separator



Frame	Rating	Commercial reference
200	125/200 A	GMSISOSS02
315	250/315 A	GMSISOSS03
630	400/630 A	GMSISOSS04
1000	630/1000 A	GMSISOSS05
2000	1250/1600 A	GMSISOSS06
2000	2000 A	GMSISOSS0620H

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## INDUSTRIAL AUTOMATION

### Schneider Electric Industries SAS

35, rue Joseph Monier  
CS 30323  
92506 Rueil Malmaison Cedex  
France

RCS Nanterre 954 503 439  
Capital social 896 313 776 €  
[www.se.com](http://www.se.com)

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