

CAM SWITCHES

T Series / G Series / R Series

T Series

12-40 A

Model **RY**/BY
Model **RK**/BK
Model **RM**/BM
Model **RT**/BT
Model **RP**/BP
Model **RQ**/BQ

G Series

12-630 A

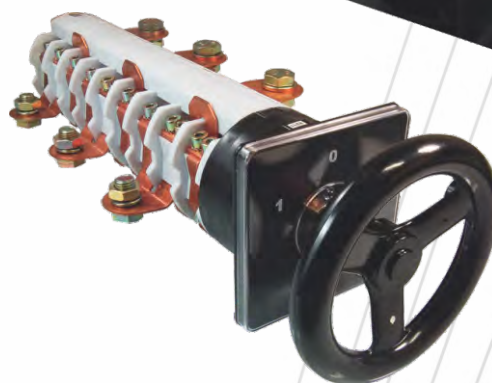
Model **GL**
Model **DI**
Model **LK**
Model **IK**
Model **TL**
Model **LL1**
Model **KS**
Model **CO**

R Series

12-25 A

Model **RY**/BY
Model **RK**/BK
Model **GL**
Model **LL1**
Model **TL**
Model **LK**





We recommend you to follow these simple steps to choose the best cam switch that suits your needs.

STEP 1:

Choose Series (T,G,R)

According to the General features sections (Pages 20,31 & 47), and also your general requirements and economical considerations choose your desired series.

T Series

- Current Rating from 1
- IP65 degree protection
- Highest Technical Spe
- Attractive appearance
- High variety of functio

T Series: Page 20

G Series

- Complete current rati
- Conformity with Intern
- Wide range of switch
- Made of best material
- Fast and easy installa

G Series: Page 31

R Series

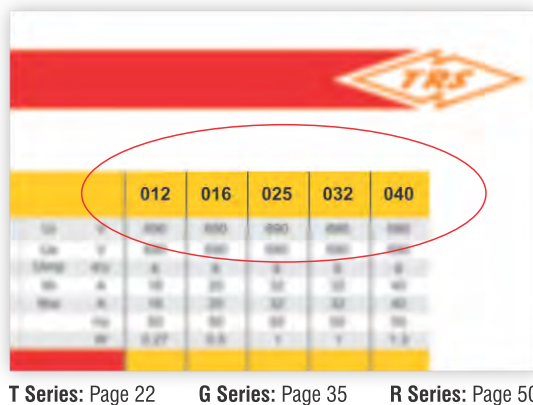
- Current rating from 12
- New rectangular desig
- IP65 protection degree
- IP20 protection degree
- Fast and easy installat

R Series: Page 47

STEP 2:

Choose the 3 Digit Amp Code

Keeping into account the load nature (resistive, inductive or mixed) and the load value and in accordance with the technical data tables (Pages 22,35 & 48) you can choose the 3 digit Amp code of the suitable switch, for instance 063 stands for 63 Amperes.

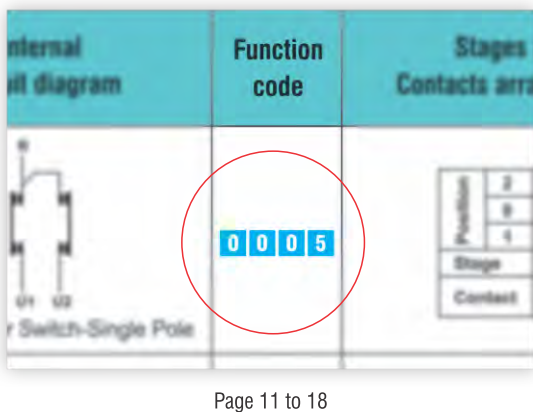


T Series: Page 22 G Series: Page 35 R Series: Page 50

STEP 3:

Choose the switch function code

Based on your requested function, number of poles and steps, external and internal connections of the cam switch, (according to pages 11 to 18) Choose the function code of your switch, which is a 4 character code. For instance 0010 stands for 3 pole Stardelta switch.

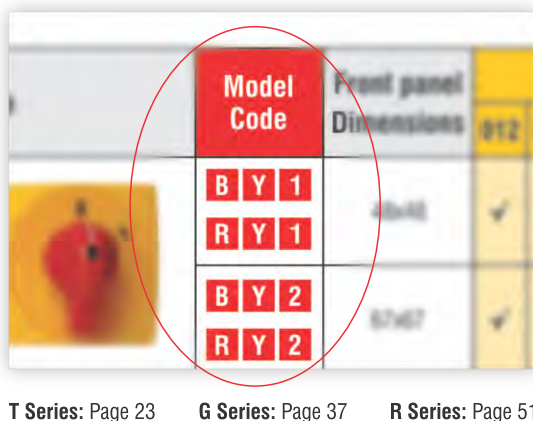


Page 11 to 18

STEP 4:

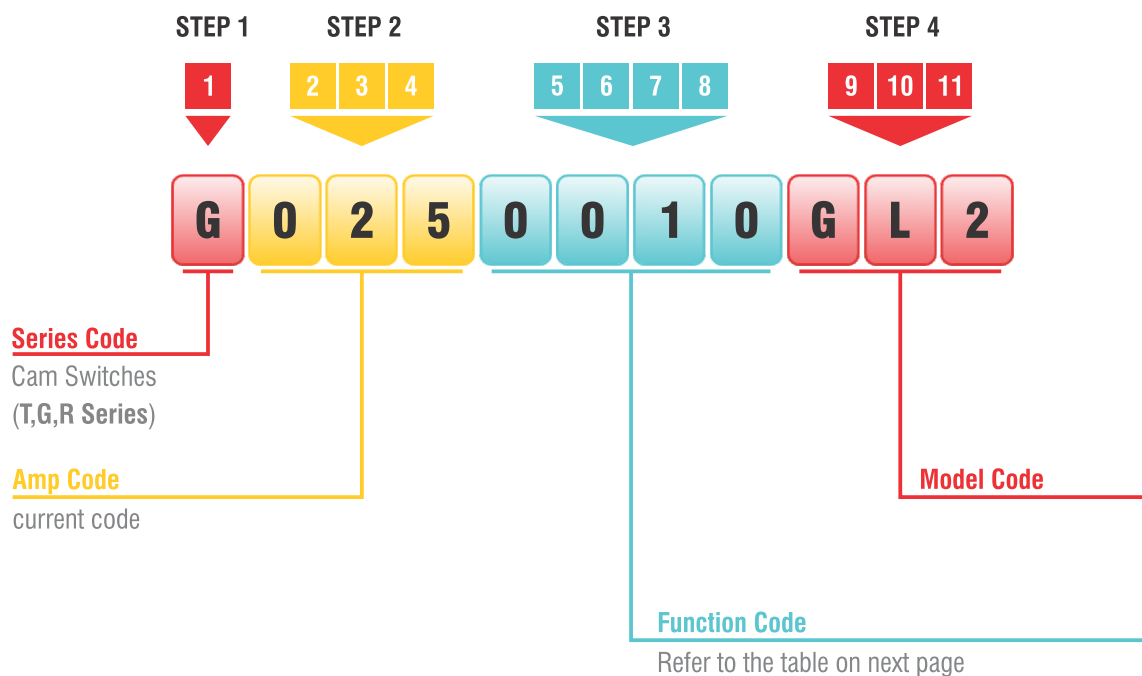
Choose the model code

Finally according to the mounting method of the switch (front mounting, surface mounting, interlocking with panel's door or enclosure), required degree of protection (IP), type and color of plate and knob, choose the appropriate version of the switch this is a 3 character code which is shown in Model selection tables and in the page of each model.



T Series: Page 23 G Series: Page 37 R Series: Page 51

Each Cam switch is defined using a unique 11 digit code:



Example:

part number **G.025.0010.GL2** stands for G series Three poles 25A star-delta switch with black plate & knob in 75x75 mm size.

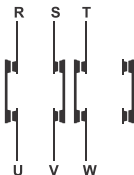
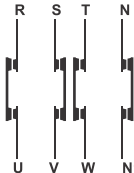
Note:

If your requested switch function is not present on the common functions table on pages 11 to 18 or you would like to fully configure your cam switch, you may order a custom made cam switch using our special ordering forms designed for this purpose on pages 60 & 61. TRS Co. is always ready to manufacture your special orders. TRS Co. factory has over 5000 custom made cam switch designed in its archives.

Rotary Cam Switches can be offered in a wide variety of functions. The most commonly used functions are introduced in the following table.

On each row one function is described, rotation angle, internal circuit diagram, function code, number of stages and contacts, terminal symbols are illustrated.

If your desired function is not present on this list, please refer to the customized switch ordering forms on pages (60 & 61). Our tech dept. will always be ready to assist customers regarding their desired products.

Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	L1L2L3RST																							
0001	 60°	 ON/OFF Switch-Single Pole	<table><tr><td rowspan="2">Position</td><td>1</td><td>X</td><td></td></tr><tr><td>0</td><td></td><td></td></tr><tr><td>Stage</td><td colspan="3">1</td></tr><tr><td>Contact</td><td>1-2</td><td colspan="2">3-4</td></tr></table>	Position	1	X		0			Stage	1			Contact	1-2	3-4										
Position	1	X																									
	0																										
Stage	1																										
Contact	1-2	3-4																									
0002	 60°	 ON/OFF Switch-2 Poles	<table><tr><td rowspan="2">Position</td><td>1</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td></tr><tr><td>Stage</td><td colspan="3">1</td></tr><tr><td>Contact</td><td>1-2</td><td colspan="2">3-4</td></tr></table>	Position	1	X	X	0			Stage	1			Contact	1-2	3-4										
Position	1	X	X																								
	0																										
Stage	1																										
Contact	1-2	3-4																									
0003	 60°	 ON/OFF Switch-3 Poles	<table><tr><td rowspan="2">Position</td><td>1</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td></tr><tr><td>Stage</td><td>1</td><td colspan="3">2</td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	1	X	X	X	0				Stage	1	2			Contact	1-2	3-4	5-6	7-8					
Position	1	X	X		X																						
	0																										
Stage	1	2																									
Contact	1-2	3-4	5-6	7-8																							
0004	 60°	 ON/OFF Switch-4 Poles	<table><tr><td rowspan="2">Position</td><td>1</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>Stage</td><td>1</td><td colspan="4">2</td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td colspan="2">7-8</td></tr></table>	Position	1	X	X	X	X	0					Stage	1	2				Contact	1-2	3-4	5-6	7-8		
Position	1	X	X		X	X																					
	0																										
Stage	1	2																									
Contact	1-2	3-4	5-6	7-8																							

Cam Switch Functions Code Table



Cam Switches

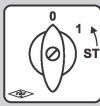
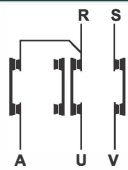
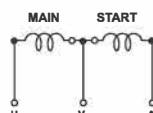
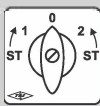
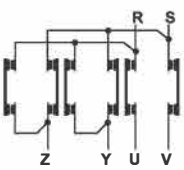
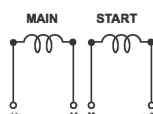
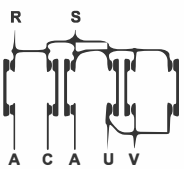
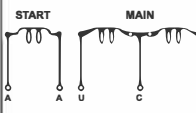
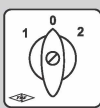
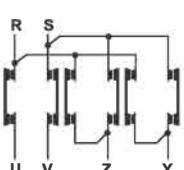
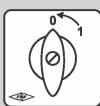
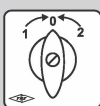
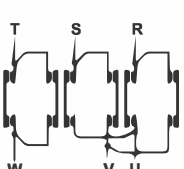
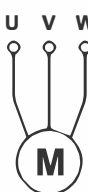
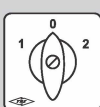
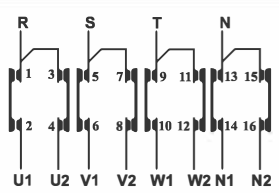
Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	L1 L2 L3	R S T																																	
0 0 0 5	 60°	 Change-Over Switch-Single Pole	<table><tr><td rowspan="3">Position</td><td>2</td><td></td><td>X</td></tr><tr><td>0</td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td></tr><tr><td>Stage</td><td>1</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td></td></tr></table>	Position	2		X	0			1	X		Stage	1			Contact	1-2	3-4																		
Position	2		X																																			
	0																																					
	1	X																																				
Stage	1																																					
Contact	1-2	3-4																																				
0 0 0 6	 60°	 Change-Over Switch-2 Poles	<table><tr><td rowspan="3">Position</td><td>2</td><td></td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td></tr><tr><td>Stage</td><td>1</td><td>2</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	2		X	X	0				1	X		X	Stage	1	2			Contact	1-2	3-4	5-6	7-8												
Position	2		X		X																																	
	0																																					
	1	X		X																																		
Stage	1	2																																				
Contact	1-2	3-4	5-6	7-8																																		
0 0 0 7	 60°	 Change-Over Switch-3 Poles	<table><tr><td rowspan="3">Position</td><td>2</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td><td>X</td></tr><tr><td>Stage</td><td>1</td><td>2</td><td>3</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td></tr></table>	Position	2		X	X	X	0					1	X		X	X	Stage	1	2	3			Contact	1-2	3-4	5-6	7-8	9-10							
Position	2		X		X	X																																
	0																																					
	1	X		X	X																																	
Stage	1	2	3																																			
Contact	1-2	3-4	5-6	7-8	9-10																																	
0 0 0 8	 60°	 Reversing Switch-3 Poles	<table><tr><td rowspan="3">Position</td><td>2</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td><td>X</td></tr><tr><td>Stage</td><td>1</td><td>2</td><td>3</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td></tr></table>	Position	2		X	X	X	0					1	X		X	X	Stage	1	2	3			Contact	1-2	3-4	5-6	7-8	9-10							
Position	2		X		X	X																																
	0																																					
	1	X		X	X																																	
Stage	1	2	3																																			
Contact	1-2	3-4	5-6	7-8	9-10																																	
0 0 0 9	 60°	 Pole Changing Switch (Dahlander)	<table><tr><td rowspan="3">Position</td><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td><td>X</td><td></td></tr><tr><td>Stage</td><td>1</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td><td>11-12</td></tr></table>	Position	2	X	X	X	X	X	0						1	X		X	X		Stage	1	2	3	4			Contact	1-2	3-4	5-6	7-8	9-10	11-12		
Position	2	X	X		X	X	X																															
	0																																					
	1	X		X	X																																	
Stage	1	2	3	4																																		
Contact	1-2	3-4	5-6	7-8	9-10	11-12																																
0 0 1 0	 60°	 Y-Δ Starter	<table><tr><td rowspan="3">Position</td><td>Δ</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>Y</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>0</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Stage</td><td>1</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td><td>11-12</td></tr></table>	Position	Δ	X	X	X	X	X	Y						0						Stage	1	2	3	4			Contact	1-2	3-4	5-6	7-8	9-10	11-12		
Position	Δ	X	X		X	X	X																															
	Y																																					
	0																																					
Stage	1	2	3	4																																		
Contact	1-2	3-4	5-6	7-8	9-10	11-12																																
0 0 1 1	 45°	 Pole Change and Reversing Switch-3 Poles	<table><tr><td rowspan="3">Position</td><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td><td>X</td><td></td></tr><tr><td>Stage</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>Contact</td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td><td>11-12</td></tr></table>	Position	2	X	X	X	X	X	0						1	X		X	X		Stage	1	2	3	4	5	6	Contact	1-2	3-4	5-6	7-8	9-10	11-12		
Position	2	X	X		X	X	X																															
	0																																					
	1	X		X	X																																	
Stage	1	2	3	4	5	6																																
Contact	1-2	3-4	5-6	7-8	9-10	11-12																																

Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	
0012	 45°	 Reversing Switch with Δ - Δ Starter		
0013	 45°	 Pole Changing with Δ - Δ Starter	 Rotation 45°	
0014	 60°	 Ammeter Switch for direct measurement (Without CT)		
0015	 45°	 Voltmeter Switch with 3 (Ph-N)+off position		
0016	 45°	 Voltmeter Switch with 3 (Ph-Ph)+off position		
0017	 45°	 Voltmeter Switch with 3 (Ph-Ph)+off position for 2 systems		
0018	 45°	 Voltmeter Switch with 3 (Ph-N) and 3 (Ph-Ph)+off position		

Cam Switch Functions Code Table



Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	
0019	 45°	 Voltmeter Switch with 3 (Ph-Ph) and 1 (Ph-N) +off position		 U V
0020	 90°	 Single Pole Ammeter Switch-1CT		 1 3
0021	 90°	 Single Pole Ammeter Switch-2CT		 6 4
0022	 90°	 Single Pole Ammeter Switch-3CT		 11 9
0023	 90°	 Single Pole Ammeter Switch-4CT		 13 5
0029	 45°	 Change-Over Switch contactor with self return A to M		 L1/R START L2/S 1 2
0030	 45°	 Reversing Change-Over Switch contactor with self return A to M		 L1/R L2/S ST 1 2 3 4

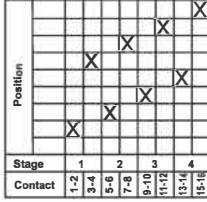
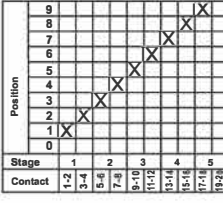
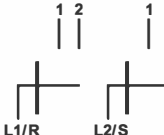
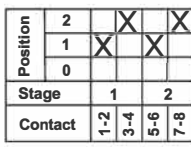
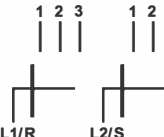
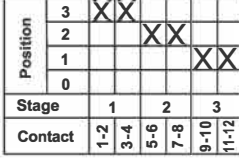
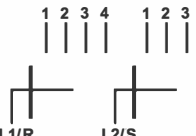
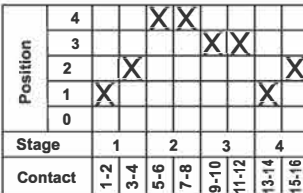
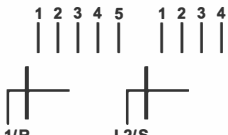
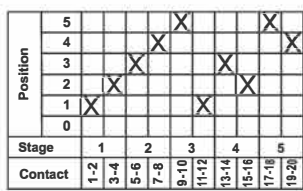
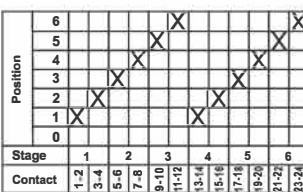
Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	L1 L2 L3	R S T																																						
0 0 3 1	 45°	 Starter for Single phase motor with Auxiliary phase	<table><tr><td rowspan="3">Position</td><td>ST</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td></td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	ST	X	X	X	X	1					0					Stage		1	2			Contact		1-2	3-4	5-6	7-8												
Position	ST	X	X		X	X																																					
	1																																										
	0																																										
Stage		1	2																																								
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 2	 45°	 Reversing Starter for Single phase motor with Auxiliary phase	<table><tr><td rowspan="4">Position</td><td>ST</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>2</td><td></td><td></td><td></td><td></td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td>ST</td><td>X</td><td></td><td></td><td></td><td></td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td>3</td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	ST	X	X	X	X	2					0					1					ST	X					Stage		1	2	3		Contact		1-2	3-4	5-6	7-8	
Position	ST	X	X		X	X																																					
	2																																										
	0																																										
	1																																										
ST	X																																										
Stage		1	2	3																																							
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 3	 45°	 Pole changing switch for Single phase motor with Auxiliary phase, to start on the first speed	<table><tr><td rowspan="4">Position</td><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td></td><td></td></tr><tr><td>ST</td><td>X</td><td></td><td></td><td></td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td>3</td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	2	X	X	X	X	0					1	X				ST	X				Stage		1	2	3		Contact		1-2	3-4	5-6	7-8							
Position	2	X	X		X	X																																					
	0																																										
	1	X																																									
	ST	X																																									
Stage		1	2	3																																							
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 4	 45°	 Reversing Switch for single phase motor	<table><tr><td rowspan="3">Position</td><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td>3</td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	2	X	X	X	X	0					1	X	X	X	X	Stage		1	2	3		Contact		1-2	3-4	5-6	7-8												
Position	2	X	X		X	X																																					
	0																																										
	1	X	X	X	X																																						
Stage		1	2	3																																							
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 5	 45°	 Three pole Switch with self return	<table><tr><td rowspan="2">Position</td><td>1</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td></td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	1	X	X	X	X	0					Stage		1	2			Contact		1-2	3-4	5-6	7-8																	
Position	1	X	X		X	X																																					
	0																																										
Stage		1	2																																								
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 6	 45°	 Reversing Switch for with self return	<table><tr><td rowspan="3">Position</td><td>2</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td></td><td></td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td>3</td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td></tr></table>	Position	2	X	X	X	X	0					1	X				Stage		1	2	3		Contact		1-2	3-4	5-6	7-8												
Position	2	X	X		X	X																																					
	0																																										
	1	X																																									
Stage		1	2	3																																							
Contact		1-2	3-4	5-6	7-8																																						
0 0 3 9	 60°	 Change-Over Switch - 4 Poles	<table><tr><td rowspan="3">Position</td><td>2</td><td></td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>0</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>Stage</td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td></td></tr><tr><td>Contact</td><td></td><td>1-2</td><td>3-4</td><td>5-6</td><td>7-8</td><td>9-10</td></tr></table>	Position	2		X	X	X	X	0						1	X		X	X	X	Stage		1	2	3	4		Contact		1-2	3-4	5-6	7-8	9-10							
Position	2		X		X	X	X																																				
	0																																										
	1	X		X	X	X																																					
Stage		1	2	3	4																																						
Contact		1-2	3-4	5-6	7-8	9-10																																					

Cam Switch Functions Code Table



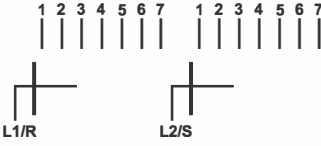
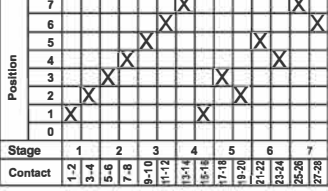
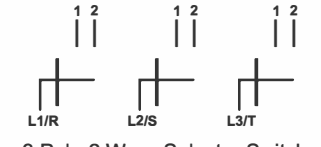
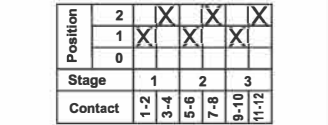
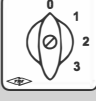
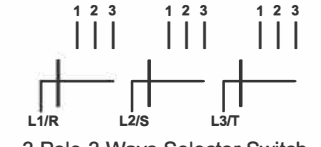
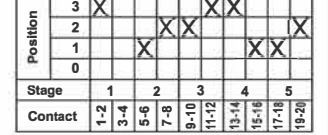
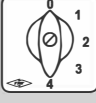
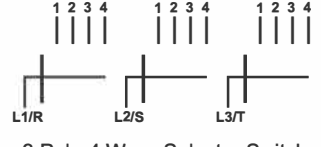
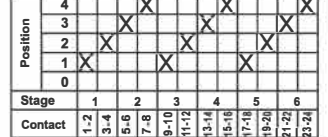
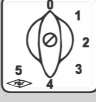
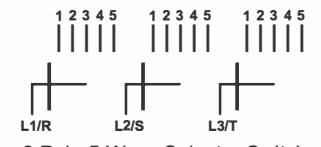
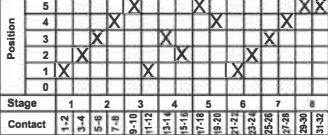
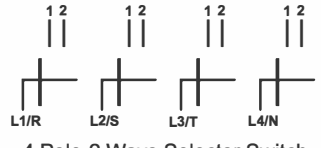
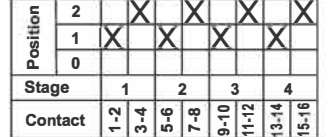
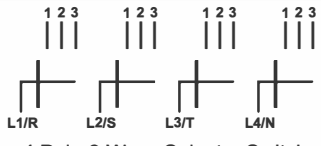
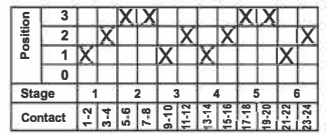
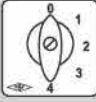
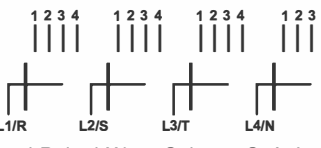
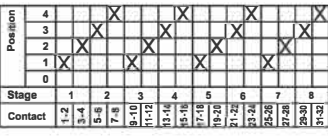
Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	
0 0 6 0	 90°	 Ammeter Voltmeter		
M Z 1 2 *	 45°	 1 Pole-2 Ways Selector Switch With "0" position		
M Z 1 3	 45°	 1 Pole-3 Ways Selector Switch With "0" position		
M Z 1 4	 45°	 1 Pole-4 Ways Selector Switch With "0" position		
M Z 1 5	 45°	 1 Pole-5 Ways Selector Switch With "0" position		
M Z 1 6	 45°	 1 Pole-6 Ways Selector Switch With "0" position		
M Z 1 7	 45°	 1 Pole-7 Ways Selector Switch With "0" position		

*. Function codes beginning with "MZ" start at "0" position. If you change "MZ" to "MN" The positions will start from "1"

Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	L1 L2 L3
M Z 1 8	 30°	 1 Pole-8 Ways Selector Switch With "0" position		
M Z 1 9	 30°	 1 Pole-9 Ways Selector Switch With "0" position		
M Z 2 2	 45°	 2 Pole-2 Ways Selector Switch With "0" position		
M Z 2 3	 45°	 2 Pole-3 Ways Selector Switch With "0" position		
M Z 2 4	 45°	 2 Pole-4 Ways Selector Switch With "0" position		
M Z 2 5	 45°	 2 Pole-5 Ways Selector Switch With "0" position		
M Z 2 6	 45°	 2 Pole-6 Ways Selector Switch With "0" position		

Cam Switch Functions Code Table



Function code	Positions & Rotation Angles	Internal circuit diagram	Stages and Contacts arrangement	L1 L2 L3 RST
M Z 2 7	 45°	 2 Pole-7 Ways Selector Switch With "0" position		
M Z 3 2	 45°	 3 Pole-2 Ways Selector Switch With "0" position		
M Z 3 3	 45°	 3 Pole-3 Ways Selector Switch With "0" position		
M Z 3 4	 45°	 3 Pole-4 Ways Selector Switch With "0" position		
M Z 3 5	 45°	 3 Pole-5 Ways Selector Switch With "0" position		
M Z 4 2	 45°	 4 Pole-2 Ways Selector Switch With "0" position		
M Z 4 3	 45°	 4 Pole-3 Ways Selector Switch With "0" position		
M Z 4 4	 45°	 4 Pole-4 Ways Selector Switch With "0" position		



ENCLOSED CAM SWITCHES

12-630 A

|Enclosed| |Cam Switches|

Enclosed
Cam Switches



Enclosed Cam Switches

■ General features

TRS Co. provides many types of enclosed cam switches. These products are very common in operational areas in factories, workshops & etc. and are often used as load break switches, machine controllers or generally as main control switches. In some areas, TRS enclosed switches are used to connect/disconnect, local power/diesel generators to the consumption area in case of network power failure or black out. The general features of these products are:

- ▶ Wide range of application in Industrial facilities
- ▶ Wide range of 12 – 630 A
- ▶ Any TRS cam switch can be used with enclosures
- ▶ Easy and quick installation
- ▶ Water & dust protection: IP40, IP54, IP65
- ▶ Enclosures made of ABS or Metal
- ▶ Glands & grommet installation on any side
- ▶ Other necessary circuitry can be installed inside the enclosure

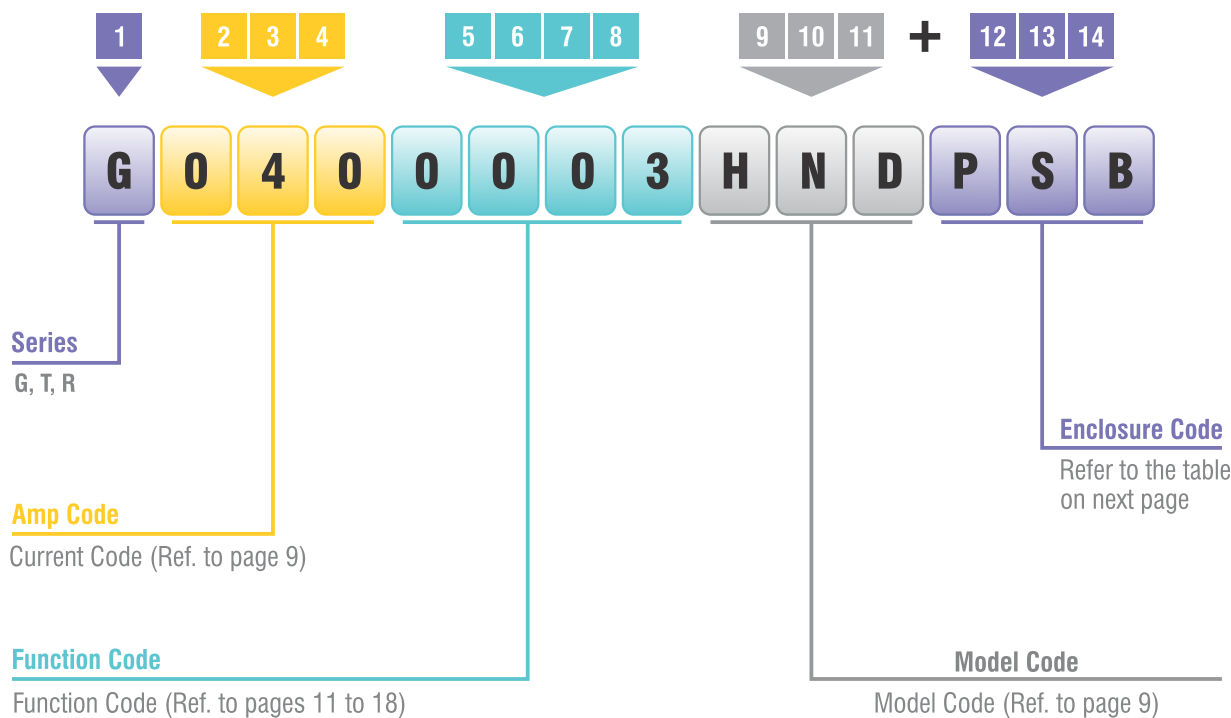


Each Enclosed cam switch can be defined using a **14 letter code** which is the combination of the Cam switch code and the enclosure code required for it. Enclosure codes are shown in the “Enclosure selection table” on next page.

Enclosed cam switch code:

Cam switch code (page 10)

+ Enclosure code (next page)



Enclosed
Cam Switches

One Exception:

If you require handle operated cam switch, you have to write “HND” in the above “Model” field.

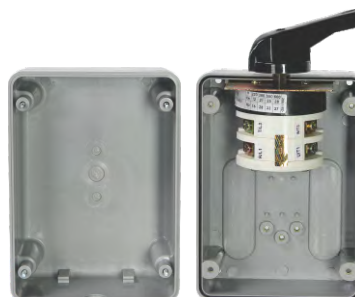
Example 1:

The code **G.032.0003.GL3.PTA** belongs to a G.032.0003.GL3 cam switch mounted on a code “PTA” enclosure.



Example 2:

The code **G.040.0003.HND.PSB** belongs to a handle operated G.040.0003 cam switch, mounted on a code “PSB” enclosure.



Enclosure Code	Dimensions(mm)	Description	Examples of final products
P S A	120x95x78	ABS Plastic IP 65	
P T A	120x95x78	ABS Plastic IP 65	
P S B	155x117x104	ABS Plastic IP 65	
P S C	184x130x122	ABS Plastic IP 65	

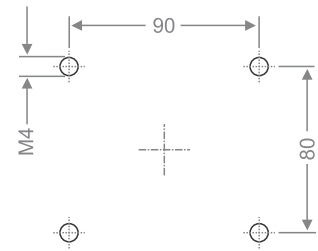
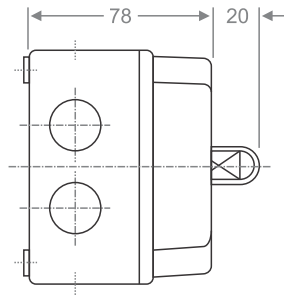
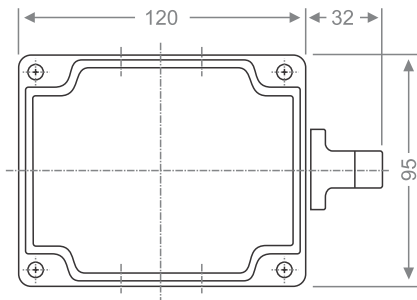
Enclosure Selection Table



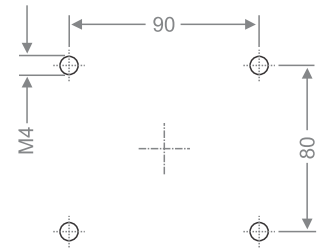
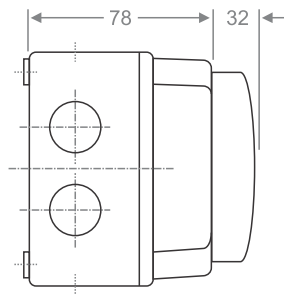
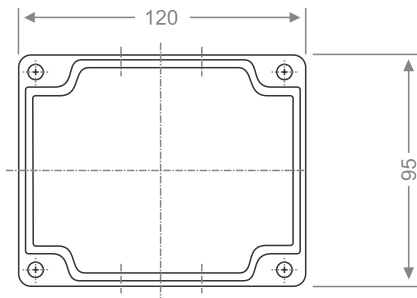
Enclosure Code	Dimensions(mm)	Description	Examples of final products
P T C	184x130x122	ABS Plastic IP 65	
M S D	350x250x190	Metal enclosure IP 54	
M S E	520x400x220	Metal enclosure IP 54	

Enclosed
Cam Switches

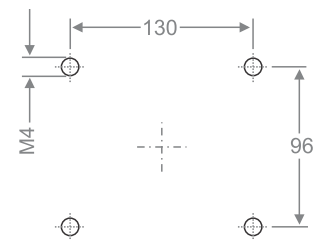
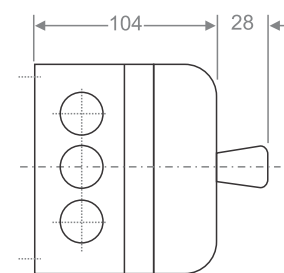
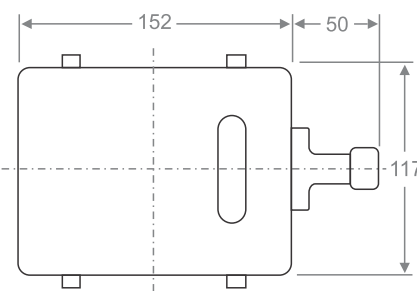
P S A



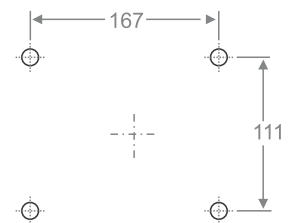
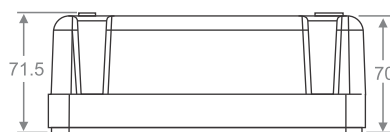
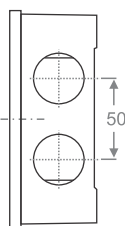
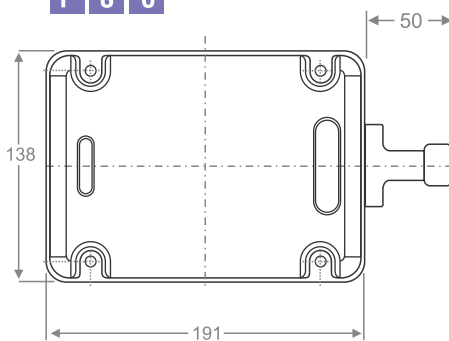
P T A



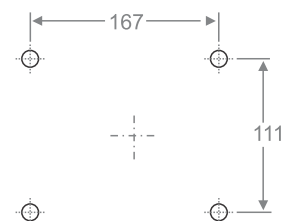
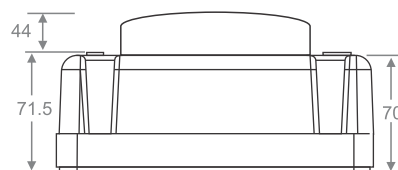
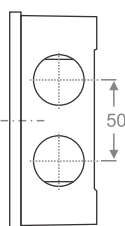
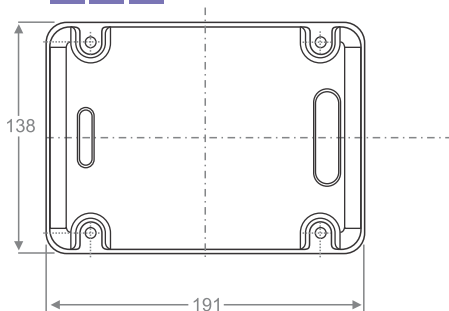
P S B



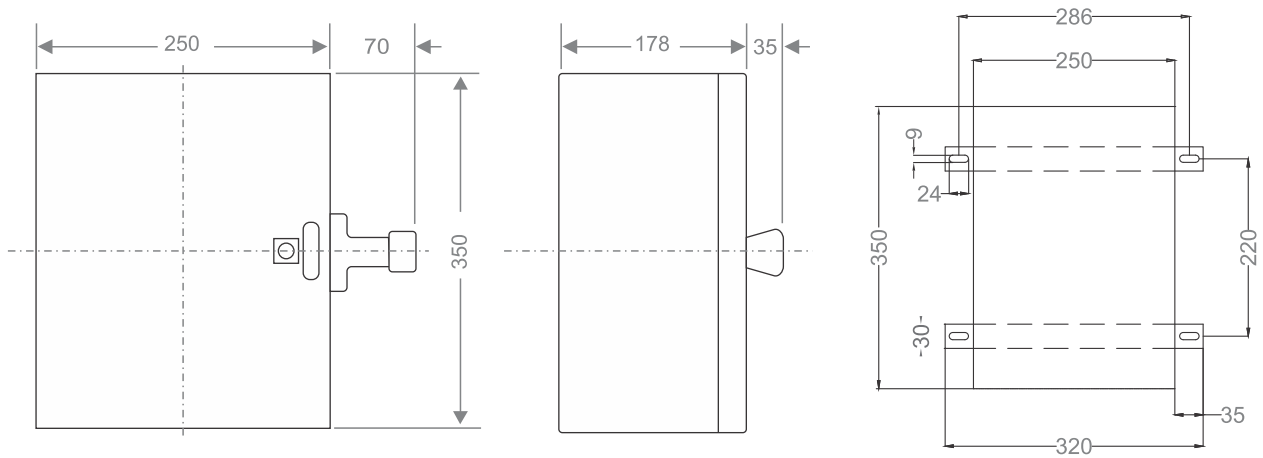
P S C



P T C



M S D



Enclosed
Cam Switches

M S E

