



- Mounting hole diameter 16mm
Apparent shapes with rectangular 18X24mm, square 18X18mm and round 18mm
- Illuminated by midget grooved T1 3/4 lamps including incandescent, discharged and LED lamps
- The lifetime of LED with high brightness up to 50000 hours



Coding Principle

01 P - R I 40 . Q + W + L 24 Y
I II III IV V VI VII VIII IX X

I: Series code	01 Series with 16mm diameter mounting hole
II: Main category	P=Indicators
III: Front shape	C=Round S=Square R=Rectangular
IV: Function code	I=Indicators
V: Protection rating	40=Standard 65=Rubber-sealed
VI: Terminal type	S=Soldering Q=Plug-in
VII: Cap color	R=Red, Y=Yellow, O=Orange, G=Light Green, V=Deep Green, B=Blue, W=White, K=Black
VIII: Light source	L=LED lamp D=Incandescent lamp A=Discharged lamp Omission=Without lamp
IX: Operating voltage	06=6VDC 12=12VDC 24=24VDC 11=110VAC 22=220VAC
X: Extra code	If the color of lamps and lens are different, please add this code to indicate the color of lamp

Note 1: Available colors of LED are red,yellow, green, blue,white
 The standard matches between cap and LED are as followed:
 R→Red LED Y→Yellow LED O→Orange LED G→Green LED
 V→Green LED B→Blue LED W→Yellow / White LED
 The standard matches between cap and lamp are as followed:
 W、R、Y、O→Red lamp G、B、V→Green lamp

Order information

Order No.	Drawing	Order No.	Drawing
01P-RI40.Q	E5001	01P-CI40.S	E5004
01P-RI65.Q	E5001	01P-CI65.S	E5004
01P-RI40.S	E5002	01P-SI40.Q	E5005
01P-RI65.S	E5002	01P-SI65.Q	E5005
01P-CI40.Q	E5003	01P-SI40.S	E5006
01P-CI65.Q	E5003	01P-SI65.S	E5006



- Mounting hole diameter 16mm
Apparent shapes with rectangular 18X24mm, square 18X18mm and round 18mm
- High bezel that prevents accidental touching
- Illuminated by midget grooved T1 3/4 lamps including incandescent, discharged and LED lamps
- Snap-action which accelerates on-off switching
- Normally closed and normally open contacts in each switch block
- Actuating travel: 3mm
- Mechanical lifetime: Momentary 2X10⁶ operations; Alternative 1X10⁶ operations



01
P
—
R
A
40
.
Q
1P
+
W
+
L
24
Y

I II III IV V VI VII VIII IX X XI

I: Series code	01 Series with 16mm diameter mounting hole		
II: Main category	P=Pushbutton Switches		
III: Front shape	C=Round	S=Square	R=Rectangular
IV: Function code	M=Momentary	A=Alternative	
V: Protection rating	40=Standard	65=Rubber-sealed	
VI: Terminal type	S=Soldering	Q=Plug-in	
VII: Contact mode	1P=1A1B	2P=2A2B	
VIII: Cap color	R=Red, Y=Yellow, O=Orange, G=Light Green, V=Deep Green, B=Blue, W=White, K=Black		
IX: Light source	L=LED lamp D=Incandescent lamp A=Discharged lamp Omission=Without lamp		
X: Operating voltage	06=6VDC 12=12VDC 24=24VDC 11=110VAC 22=220VAC		
XI: Extra code	If the color of lamps and lens are different, please add this code to indicate the color of lamp		

Note 1: Available colors of LED are red,yellow, green, blue,white
 The standard matches between cap and LED are as followed:
 R→Red LED Y→Yellow LED O→Orange LED G→Green LED
 V→Green LED B→Blue LED W→Yellow / White LED
 The standard matches between cap and lamp are as followed:
 W, R, Y, O→Red lamp G, B, V→Green lamp

Order information

Order No.	Drawing	Order No.	Drawing
01P-RM40.Q1P	E5007	01P-CA40.S1P	E5011
01P-RM65.Q1P	E5007	01P-CA65.S1P	E5011
01P-RA40.Q1P	E5007	01P-CM40.S2P	E5012
01P-RA65.Q1P	E5007	01P-CM65.S2P	E5012
01P-RM40.S1P	E5008	01P-CA40.S2P	E5012
01P-RM65.S1P	E5008	01P-CA65.S2P	E5012
01P-RA40.S1P	E5008	01P-SM40Q1P	E5013
01P-RA65.S1P	E5008	01P-SM65.Q1P	E5013
01P-RM40.S2P	E5009	01P-SA40.Q1P	E5013
01P-RM65.S2P	E5009	01P-SA65.Q1P	E5013
01P-RA40.S2P	E5009	01P-SM40.S1P	E5014
01P-RA65.S2P	E5009	01P-SM65.S1P	E5014
01P-CM40.Q1P	E5010	01P-SA40.S1P	E5014
01P-CM65.Q1P	E5010	01P-SA65.S1P	E5014
01P-CA40.Q1P	E5010	01P-SM40.S2P	E5015
01P-CA65.Q1P	E5010	01P-SM65.S2P	E5015
01P-CM40.S1P	E5011	01P-SA40.S2P	E5015
01P-CM65.S1P	E5011	01P-SA65.S2P	E5015

16mm
Control Switches

22/25/30mm
Control Switches

16/22mm
Stainless Steel
Switches

30/50/70mm
Multi-Layer
Light Tower



- Mounting hole diameter 16mm
Apparent shapes with rectangular 18X24mm, square 18X18mm and round 18mm
- Snap-action which accelerates on-off switching
- Normally closed and normally open contacts in each switch block
- Actuating travel: 2 positions L 90° and V 90°
- Mechanical lifetime: 50000 operations



Coding Principle

01
S
R
A
40
.
Q
1P
*
L

I II III IV V VI VII VIII

I: Series code	01 Series with 16mm diameter mounting hole		
II: Main category	S=Selector Switches		
III: Front shape	C=Round	S=Square	R=Rectangular
IV: Function code	M=2 way Momentary	A=2 way Alternative	
V: Protection rating	40=Standard	65=Rubber-sealed	
VI: Terminal type	S=Soldering	Q=Plug-in	
VII: Contact mode	1P=1A1B	2P=2A2B	
VIII: Knob type	L=L type 90°	V=V type 90°	

Order information

Order No.	Drawing	Order No.	Drawing
01S-RM40.Q1P	E5016	01S-CA40.S1P	E5020
01S-RM65.Q1P	E5016	01S-CA65.S1P	E5020
01S-RA40.Q1P	E5016	01S-CM40.S2P	E5021
01S-RA65.Q1P	E5016	01S-CM65.S2P	E5021
01S-RM40.S1P	E5017	01S-CA40.S2P	E5021
01S-RM65.S1P	E5017	01S-CA65.S2P	E5021
01S-RA40.S1P	E5017	01S-SM40.Q1P	E5022
01S-RA65.S1P	E5017	01S-SM65.Q1P	E5022
01S-RM40.S2P	E5018	01S-SA40.Q1P	E5022
01S-RM65.S2P	E5018	01S-SA65.Q1P	E5022
01S-RA40.S2P	E5018	01S-SM40.S1P	E5023
01S-RA65.S2P	E5018	01S-SM65.S1P	E5023
01S-CM40.Q1P	E5019	01S-SA40.S1P	E5023
01S-CM65.Q1P	E5019	01S-SA65.S1P	E5023
01S-CA40.Q1P	E5019	01S-SM40.S2P	E5024
01S-CA65.Q1P	E5019	01S-SM65.S2P	E5024
01S-CM40.S1P	E5020	01S-SA40.S2P	E5024
01S-CM65.S1P	E5020	01S-SA65.S2P	E5024

16mm Control Switches

22/25/30mm Control Switches

16/22mm Stainless Steel Switches

30/50/70mm Multi-Layer Light Tower



- Mounting hole diameter 16mm, Front size is round diameter 26mm
- Cladding cover design to meet the requirement of European system
- There are only red LED and red discharged lamp available in illuminated emergency switch
- Snap-action which accelerates on-off switching
- Normally closed and normally open contacts in each switch block
- Mechanical lifetime: 50000 operations



Coding Principle

01 S — C E 40 . Q 1P + R + L 12
I II III IV V VI VII VIII IX X

I: Series code	01 Series with 16mm diameter mounting hole	
II: Main category	S=Emergency Stop Switches	
III: Front shape	C=Round	
IV: Function code	E=Rotate to reset	
V: Protection rating	40=Standard	65=Rubber-sealed
VI: Terminal type	S=Soldering	Q=Plug-in
VII: Contact mode	1P=1A1B	2P=2A2B
VIII: Light color	R=Red	
IX: Light source	L=LED lamp	Omission=Without lamp
X: Operating voltage	06=6VDC 12=12VDC 24=24VDC 11=110VAC 22=220VAC	

Order information

Order No.	Drawing	Order No.	Drawing
01S-CE40.Q1P	E5025	01S-CE65.S1P	E5026
01S-CE65.Q1P	E5025	01S-CE40.S2P	E5027
01S-CE40.S1P	E5026	01S-CE65.S2P	E5027



- Mounting hole diameter 16mm
Apparent shapes with rectangular 18X24mm, square 18X18mm and round 18mm
- Snap-action which accelerates on-off switching
- Normally closed and normally open contacts in each switch block
- Actuating travel: 2 positions L 90° and V 90°
- Mechanical lifetime: 50000 operations



Coding Principle

01 K — R A 40 . Q 1P * L2 * 702
I II III IV V VI VII VIII IX

I: Series code	01 Series with 16mm diameter mounting hole		
II: Main category	K=Keylock Switches		
III: Front shape	C=Round	S=Square	R=Rectangular
IV: Function code	M=2 Way Momentary	A=2 Way Alternative	
V: Protection rating	40=Standard	65=Rubber-sealed	
VI: Terminal type	S=Soldering	Q=Plug-in	
VII: Contact mode	1P=1A1B	2P=2A2B	
VIII: Inlet type	L1=L type 90° one inlet V1=V type 90° one inlet	L2=L type 90° two inlets V2=V type 90° two inlets	
IX: Key code	702=No. 702	168=No. 168	

Note: Key No.702 is the standard

Order information

Order No.	Drawing	Order No.	Drawing
01K-RM40.Q1P	E5028	01K-CA40.S1P	E5032
01K-RM65.Q1P	E5028	01K-CA65.S1P	E5032
01K-RA40.Q1P	E5028	01K-CM40.S2P	E5033
01K-RA65.Q1P	E5028	01K-CM65.S2P	E5033
01K-RM40.S1P	E5029	01K-CA40.S2P	E5033
01K-RM65.S1P	E5029	01K-CA65.S2P	E5033
01K-RA40.S1P	E5029	01K-SM40.Q1P	E5034
01K-RA65.S1P	E5029	01K-SM65.Q1P	E5034
01K-RM40.S2P	E5030	01K-SA40.Q1P	E5034
01K-RM65.S2P	E5030	01K-SA65.Q1P	E5034
01K-RA40.S2P	E5030	01K-SM40.S1P	E5035
01K-RA65.S2P	E5030	01K-SM65.S1P	E5035
01K-CM40.Q1P	E5031	01K-SA40.S1P	E5035
01K-CM65.Q1P	E5031	01K-SA65.S1P	E5035
01K-CA40.Q1P	E5031	01K-SM40.S2P	E5036
01K-CA65.Q1P	E5031	01K-SM65.S2P	E5036
01K-CM40.S1P	E5032	01K-SA40.S2P	E5036
01K-CM65.S1P	E5032	01K-SA65.S2P	E5036

16mm
Control Switches

22/25/30mm
Control Switches

16/22mm
Stainless Steel
Switches

30/50/70mm
Multi-Layer
Light Tower



- Mounting hole diameter 16mm
Apparent shapes with rectangular 18X24mm, square 18X18mm and round diameter 18mm
- 70dB at a distance 30cm
- Current consumption Max. 7mA



Coding Principle

01 B — R I 40 . Q * 24 FR
I II III IV V VI VII VIII

I: Series code	01 Series with 16mm diameter mounting hole		
II: Main category	B=Buzzers		
III: Front shape	C=Round	S=Square	R=Rectangular
IV: Function code	C=Continuous	I=Intermittent	
V: Protection rating	40=Standard		
VI: Terminal type	S=Soldering	Q=Plug-in	
VII: Operating voltage	06=6VDC 12=12VDC 24=24VDC		
VIII: Light source	R=Red LED lamp FR=Flash LED Omission=Without lamp		

Note: Only rectangular shape can be assembled lamps.

Order information

Order No.	Drawing No.	Order No.	Drawing
01B-RC40.Q *◇◇	E5037	01B-CC40.Q	E5041
01B-RI40.Q *◇◇	E5037	01B-CI40.Q	E5041
01B-RC40.S *◇◇	E5038	01B-CC40.S	E5042
01B-RI40.S *◇◇	E5038	01B-CI40.S	E5042
01B-RC40.Q	E5039	01B-SC40.Q	E5043
01B-RI40.Q	E5039	01B-SI40.Q	E5043
01B-RC40.S	E5040	01B-SC40.S	E5044
01B-RI40.S	E5040	01B-SI40.S	E5044

Note: ◇ Assembled lamps