

SCP*3
CMK2
CMA2
SCM
SCG
SCA2
SCS2
CKV2
CAV2/
COVPIN2
SSD2
SSG
SSD
CAT
MDC2
MVC
SMG
MSD/
MSDG
FC*
STK
SRL3
SRG3
SRM3
SRT3
MRL2
MRG2
SM-25
ShkAbs
FJ
FK
Spd
Contr
Ending

How to order

No switch (built-in magnet for switch)

SCA2 - V1 - LB - 40 - B - 100 - 1 - S I

With switch (built-in magnet for switch)

SCA2 - V1 - LB - 40 - B - 100 - 1 - T0H - R - S I

A Actuation

B Mounting
*1

C Bore size

D Port thread

E Cushion

F Stroke

G Valve voltage

H Switch model No.
*3

I Switch quantity
*4

J Option
*5
*6

K Accessory
*7

! Precautions for model No. selection

*1 : Mounting bracket will be shipped with the product.
(Trunnion are assembled at shipment.)

*2 : Refer to page 597 for the min. stroke with switch.

*3 : Switches are shipped with the product.

*4 : When selecting TA, TD, TB or TE mounting, the switch quantity is limited to "H" (1 on head side) for TA and TD, and "R" (1 on rod side) for TB and TE.

*5 : The instantaneous max. temperature is the temperature when sparks, cutting chips, etc., instantaneously contact the bellows.

*6 : When selecting TA, TD, TB or TE mounting format, the cushion needle position is blank and fixed at S, with no options available.

*7 : "I" and "Y" cannot be selected together.

*8 : Refer to Ending Page 85 for custom specifications of rod end form.

*9 : Refer to page 448 for combination of variations/options.

[Example of model No.]

SCA2-V1-LB-40B-100-1-T0H-R-SI

Model: Medium bore size cylinder double acting/with valve

A Actuation : Push out when energized/single solenoid

B Mounting : Axial foot

C Bore size : ø40 mm

D Port thread : Rc thread

E Cushion : Both sides cushioned

F Stroke : 100 mm

G Valve voltage : 100 VAC

H Switch model No. : Reed T0H switch, lead wire length 1 m

I Switch quantity : 1 on rod side

J Option : Cushion needle position S

K Accessory : Rod eye

Code	Description	
A Actuation		
V1	Push when energized, single solenoid	
V2	Pull when energized, single solenoid	
V	Double solenoid	
B Mounting		
00	Basic	
LB	Axial foot	
FA	Rod side flange	
FB	Head side flange	
CA	Eye bracket	
CB	Clevis bracket (pin and snap ring included)	
TC	Intermediate trunnion	
TA	Rod side trunnion	
TF	Intermediate supporting hole trunnion (ø40 is not available)	
TD	Rod side hole trunnion (ø40 is not available)	
C Bore size (mm)		
40	ø40	
50	ø50	
63	ø63	
80	ø80	
100	ø100	
D Port thread		
Blank	Rc thread	
N	NPT thread (made-to-order product)	
G	G thread (made-to-order product)	
E Cushion		
B	Both sides cushioned	
R	Rod side cushioned	
H	Head side cushioned	
N	Without cushion	
F Stroke (mm)		
Bore size	Stroke *2	Custom stroke
ø40	50 to 600	In 1 mm increments
ø50	50 to 600	
ø63	50 to 600	
ø80	50 to 700	
ø100	50 to 800	
G Valve voltage		
1	100 VAC	
2	200 VAC	
3	24 VDC	
H Switch model No.		
Refer to the switch model numbers on the next page.		
* Lead wire length		
Blank	1 m (standard)	
3	3 m (option)	
5	5 m (option)	
I Switch quantity		
R	1 on rod side	
H	1 on head side	
D	2	
T	3	
J Option		
		Max. ambient temp. : instantaneous max. temp.
J	Bellows	100°C : 200°C
L	Bellows	250°C : 400°C
M	Piston rod material (stainless steel)	
Blank	Cushion needle position R (standard)	
S	Cushion needle position S	
T	Cushion needle position T	
K Accessory		
I	Rod eye	
Y	Rod clevis (pin and snap ring included)	
B1	Eye bracket	
B2	Clevis bracket (pin and snap ring included)	
B3	Eye bracket	
B4	Trunnion No. 2 bracket (2 pcs./set)	

[H] Switch model No.

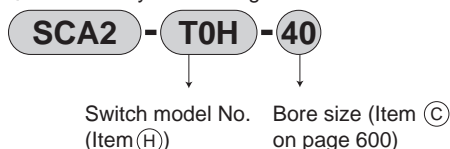
T-switch model No.					
Axial lead wire	Radial lead wire	Contact	Voltage		Indicator
			AC	DC	
T0H*	T0V*	Reed	●	●	1-color LED
T5H*	T5V*		●	●	No indicator lamp
T1H*	T1V*		●	●	
T2H*	T2V*	Proximity		●	1-color LED
T3H*	T3V*			●	
T2WH*	T2WV*			●	
T2YH*	T2YV*			●	2-color LED
T3WH*	T3WV*			●	
T3YH*	T3YV*			●	
T3PH*	T3PV*			●	1-color LED
T2YD*	-			●	2-color LED
T2YDT*	-			●	AC magnetic field
T2JH*	T2JV*			●	1-color LED off-delay
					Lead wire

How to order switch

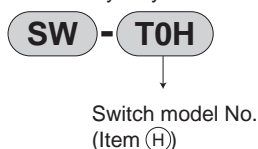
[T-switch]

For rod side

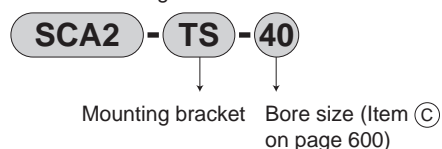
● Switch body + mounting bracket set



● Switch body only



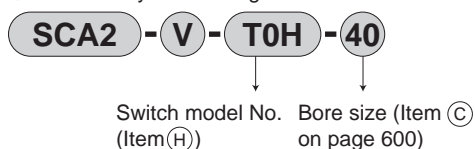
● Switch mounting bracket set



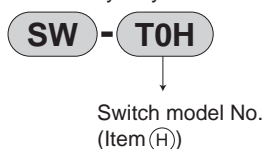
* Contact CKD when using an environment-friendly T-switch.

For head side

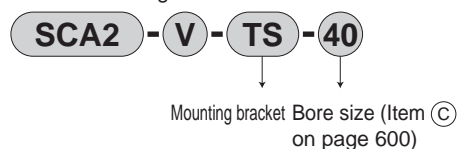
● Switch body + mounting bracket set



● Switch body only



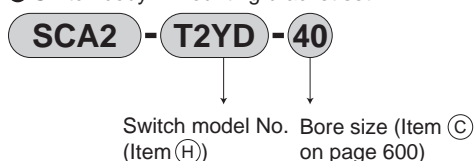
● Switch mounting bracket set



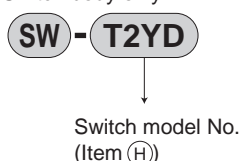
* Contact CKD when using an environment-friendly T type switch.

[T2YD switch]

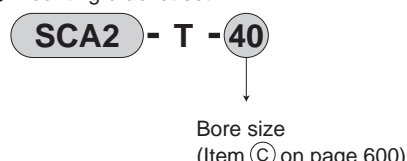
● Switch body + mounting bracket set



● Switch body only



● Mounting bracket set



How to order mounting bracket

Bore size (mm)	ø40	ø50	ø63	ø80	ø100
Mounting bracket					
Foot (LB)	S1-LB-40	S1-LB-50	S1-LB-63	S1-LB-80	S1-LB-100
Flange (FA/FB)	S1-FA-40	S1-FA-50	S1-FA-63	S1-FA-80	S1-FA-100
Eye bracket (CA)	S1-CA-40	S1-CA-50	S1-CA-63	S1-CA-80	S1-CA-100
Clevis bracket (CB)	S1-CB-40	S1-CB-50	S1-CB-63	S1-CB-80	S1-CB-100

*1 : For material of the mounting bracket, refer to page 456.

*2 : The foot mounting bracket is provided as 2 pcs./set.

*3 : All mounting brackets are supplied with mounting bolts.

SCP*3

CMK2

CMA2

SCM

SCG

SCA2

SCS2

CKV2

CAV2/
COVP/N2

SSD2

SSG

SSD

CAT

MDC2

MVC

SMG

MSD/
MSDG

FC*

STK

SRL3

SRG3

SRM3

SRT3

MRL2

MRG2

SM-25

ShkAbs

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