

Technical Data Sheet

i-select Hand Operated Rotary Switches (Multi Position Selectors)

Description

Hand operated rotary switches provide the most cost effective method of providing complex contact switching functions. However, every item of electrical equipment needs a method of disconnecting it safely from the supply, and here again, the rotary switch with *positive break* contacts, performs that function effectively.

The title 'Multi position Selectors' covers a wide range switch sequences, and in this document you will find switches from 3 to 12 positions.

Although there are a number of variations shown, there are always going to be the situations where your precise requirement is 'a little different' to that shown. This is not a problem, we have been designing special sequence switches for more than 50 years, so give our dedicated sales team a call, and they will ensure you get exactly what your application requires.



Technical Specifications - Electrical Ratings to BS EN 60947-3 For Dimensions see Page 11

					
Range		R6	R16	Minirotary	R40
Thermal rating (A)	I_{th}	6	16	20	40
Position indexing options		90° & 45°	90° & 45°	90° & 45°	90°, 60°, 45° & 30°
Standard operating knob		Included	Included	Included	Included
Rated voltage (V)	U_i	690	690	690	690
Switching Characteristics					
AC20A		6A at 250V & 415V	16A at 250V & 415V	20A at 250V & 415V	40A at 250/415/660/690V
AC21A		6A at 250V & 415V	16A at 250V & 415V	20A at 250V & 415V	32A at 250V & 415V
AC22A		6A at 250V & 415V	16A at 250V & 415V	20A at 250V & 415V	32A at 250V & 415V
AC23A		6A/0.75kW at 250V 6A/2.5kW at 415V	16A/2.5kW at 250V 16A/5.5kW at 415V	20A/3.0kW at 250V 20A/9.5kW at 415V	28A/3.75kW at 250V 28A/15.0kW at 415V
Rated short time withstand (A)	(1 sec)	120	240	434	800
Maximum BS 88 backup fuse (A)		6	20	32	40
Finger protected terminals		IP2X	IP2X	—	IP2X
Contact material		Ag/Ni	Ag/Ni	Fine Silver	Ag/CdO
Mechanical life		>0.5 x 10 ⁶	>0.5 x 10 ⁶	>0.5 x 10 ⁶	>0.5 x 10 ⁶
Termination size		M3.5	M3.5	M4	M5
Maximum connecting cable size	mm ²	4.0	4.0	2 x 4.0	6.0
Standard shaft size (sq)	mm	5.5	5.5	4.8	5.5

Brief Descriptions

R6/R16

The R6 & R16 rotary switches are built upon a common frame, the R16 deriving its increased rating from larger contacts. These items lend themselves to the more common rotary switch functions such as 'isolation' and 'Ammeter and Voltmeter' selectors. Due to their small size they are also ideal for the specialist OEM user.

Minirotary

The 'Minirotary' switch is one of the most versatile items in the rotary switch families. Its design permits the addition of a wide range of accessories. The switch is well proven in arduous conditions, being particularly favoured for Rail applications with its ability to withstand the required 'shock & vibration' tests.

Control panel manufacturers favour the Minirotary switch for its rear facing terminals which can be useful in terminating in confined spaces.



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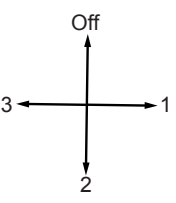
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i-select Hand Operated Rotary Switches (Multi Position Selectors)

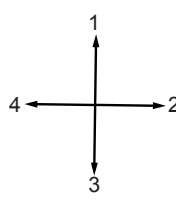
Catalogued Items - **Switch Length 'L'** (For Individual connection diag. place cat no. in the website product finder)

Unrestricted - 90° Four Position Stayput - Off/1/2/3

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 4 	6A	1	42	R6S24
	6A	2	63	R6D44
	6A	3	84	R6T64
	6A	4	105	R6Q84
	6A	5	126	R6X104
	16A	1	42	R16S24
	16A	2	63	R16D44
	16A	3	84	R16T64
	16A	4	105	R16Q84
	16A	5	126	R16X104
	20A	1	42	MS24
	20A	2	62	MD44
	20A	3	82	MT64
	20A	4	103	MQ84
	20A	5	124	MX104
	40A	1	49	RS3224
	40A	2	74	RD3244
	40A	3	100	RT3264
	40A	4	125	RQ3284
	40A	5	150	RX32104
	40A	6	175	RY32124

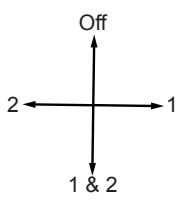
Options for this sequence:-
MBB - Make before break contacts (Add suffix /MBB)
NC - Electrically separate contacts. (Add suffix /NC e.g. R16Q84/NC)

Unrestricted - 90° Four Position Stayput- 1/2/3/4

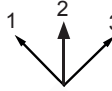
Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 5 	6A	1	42	R6S25
	6A	2	63	R6D45
	6A	3	84	R6T65
	6A	4	105	R6Q85
	6A	5	126	R6X105
	6A	1	42	R16S25
	16A	2	63	R16D45
	16A	3	84	R16T65
	16A	4	105	R16Q85
	16A	5	126	R16X105
	16A	1	42	MS25
	16A	2	62	MD45
	20A	3	82	MT65
	20A	4	103	MQ85
	20A	5	124	MX105
	20A	1	49	RS3225
	20A	2	74	RD3245
	20A	3	100	RT3265
	40A	4	125	RQ3285
	40A	5	150	RX32105
	40A	6	175	RY32125

Options for this sequence:-
MBB - Make before break contacts (Add suffix /MBB)
NC - Electrically separate contacts. (Add suffix /NC e.g. RY32125/NC)

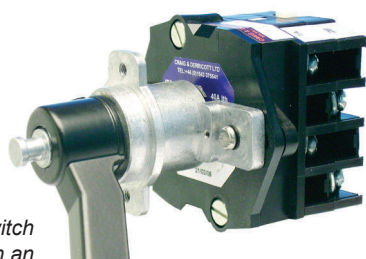
Unrestricted - 90° Four Position Stayput- Off/1/1&2/2

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 6 	6A	1	42	R6S2
	6A	2	63	R6D46
	6A	3	84	R6T66
	6A	4	105	R6Q86
	6A	5	126	R6X106
	6A	1	42	R16S26
	16A	2	63	R16D46
	16A	3	84	R16T66
	16A	4	105	R16Q86
	16A	5	126	R16X106
	16A	1	42	MS26
	16A	2	62	MD46
	20A	3	82	MT66
	20A	4	103	MQ86
	20A	5	124	MX106
	20A	1	49	RS3226
	20A	2	74	RD3246
	20A	3	100	RT3266
	40A	4	125	RQ3286
	40A	5	150	RX32106
	40A	6	175	RY32126

Restricted - 45° Three Position Stayput - 1/2/3

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 4/3 	6A	1	42	R6S24/3
	6A	2	52	R6D34/3
	6A	3	73	R6T54/3
	6A	4	84	R6Q64/3
	6A	5	105	R6X84/3
	6A	6	115	R6Y94/3
	16A	1	42	R16S24/3
	16A	2	52	R16D34/3
	16A	3	73	R16T54/3
	16A	4	84	R16Q64/3
	16A	5	105	R16X84/3
	16A	6	115	R16Y94/3
	20A	1	41	MS24/3
	20A	2	51	MD34/3
	20A	3	72	MT54/3
	20A	4	82	MQ64/3
	20A	5	103	MX84/3
	20A	6	113	MY94/3
	40A	1	35	RS3224/3
	40A	2	49	RD3234/3
	40A	3	62	RT3254/3
	40A	4	74	RQ3264/3
	40A	5	87	RX3284/3
	40A	6	100	RY3294/3

Options for this sequence:-
NC - Electrically separate contacts. (Add suffix /NC e.g. MQ64/3/NC)



R40 rotary switch assembled with an

Switches with a greater number of poles than those shown are available to special order. Please contact our sales staff for details.



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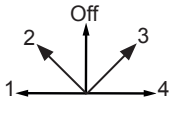
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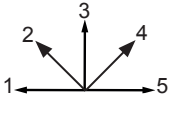
Catalogued Items - **Switch Length 'L'** (For Individual connection diag. place cat no. in the website product finder)

Restricted - 45° Five Position Stayput - 1/2/Off/3/4

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 5/4 	6A	1	42	R6S25/4
	6A	2	63	R6D45/4
	6A	3	84	R6T65/4
	6A	4	105	R6Q85/4
	6A	5	126	R6X105/4
	16A	1	42	R16S25/4
	16A	2	63	R16D45/4
	16A	3	84	R16T65/4
	16A	4	105	R16Q85/4
	16A	5	126	R16X105/4
	20A	1	41	MS25/4
	20A	2	62	MD45/4
	20A	3	82	MT65/4
	20A	4	103	MQ85/4
	20A	5	124	MX105/4
	40A	1	49	RS3225/4
	40A	2	74	RD3245/4
	40A	3	100	RT3265/4
	40A	4	125	RQ3285/4
	40A	5	150	RX32105/4
	40A	6	175	RY32125/4

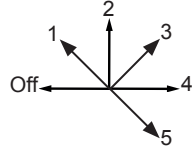
Options for this sequence:-
NC - Electrically separate contacts.
 (Add suffix /NC e.g. MQ85/4/NC)

Restricted - 45° Five Position Stayput - 1/2/3/4/5

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 6/4 	6A	1	52	R6S36/4
	6A	2	73	R6D56/4
	6A	3	105	R6T86/4
	6A	4	126	R6Q106/4
	16A	1	52	R16S36/4
	16A	2	73	R16D56/4
	16A	3	105	R16T86/4
	16A	4	126	R16Q106/4
	20A	1	51	MS36/4
	20A	2	72	MD56/4
	20A	3	103	MT86/4
	20A	4	124	MQ106/4
	40A	1	62	RS3236/6
	40A	2	87	RD3256/4
	40A	3	125	RT3286/4
	40A	4	150	RQ32106/4
	40A	5	188	RX32136/4
	40A	6	213	RY32156/4

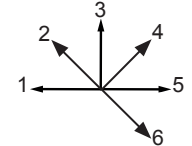
Options for this sequence:-
NC - Electrically separate contacts.
 (Add suffix /NC e.g. MD56/4/NC)

Restricted - 45° Six Position Stayput - Off/1/2/3/4/5

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 7/4 	6A	1	52	R6S37/4
	6A	2	84	R6D67/4
	6A	3	115	R6T97/4
	16A	1	52	R16S37/4
	16A	2	84	R16D67/4
	16A	3	115	R16T97/4
	20A	1	51	MS37/4
	20A	2	82	MD67/4
	20A	3	113	MT97/4
	40A	1	62	RS3237/4
	40A	2	100	RD3267/4
	40A	3	138	RT3297/4
	40A	4	175	RQ32127/4
	40A	5	213	RX32157/4
	40A	6	250	RY32187/4

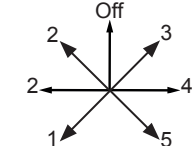
Options for this sequence:-
NC - Electrically separate contacts.
 (Add suffix /NC e.g. R6T97/4/NC)

Restricted - 45° Six Position Stayput - 1/2/3/4/5/6

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 8/4 	6A	1	52	R6S38/4
	6A	2	84	R6D68/4
	6A	3	115	R6T98/4
	16A	1	52	R16S38/4
	16A	2	84	R16D68/4
	16A	3	115	R16T98/4
	20A	1	51	MS38/4
	20A	2	82	MD68/4
	20A	3	113	MT98/4
	40A	1	62	RS3238/4
	40A	2	100	RD3268/4
	40A	3	138	RT3298/4
	40A	4	175	RQ32128/4
	40A	5	213	RX32158/4
	40A	6	250	RY32188/4

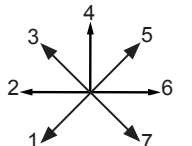
Options for this sequence:-
NC - Electrically separate contacts.
 (Add suffix /NC e.g. RT3298/4/NC)

Restricted - 45° Seven Position Stayput - 1/2/3/Off/4/5/6

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 9/4 	6A	1	52	R6S39/4
	6A	2	84	R6D69/4
	6A	3	115	R6T99/4
	16A	1	52	R16S39/4
	16A	2	84	R16D69/4
	16A	3	115	R16T99/4
	20A	1	51	MS39/4
	20A	2	82	MD69/4
	20A	3	113	MT99/4
	40A	1	62	RS3239/4
	40A	2	100	RD3269/4
	40A	3	138	RT3299/4
	40A	4	175	RQ32129/4

Options for this sequence:-
NC - Electrically separate contacts

Restricted - 45° Seven Position Stayput - 1/2/3/4/5/6/7

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 10/4 	6A	1	63	R6S410/4
	6A	2	94	R6D710/4
	16A	1	63	R16S410/4
	16A	2	94	R16D710/4
	20A	1	62	MS410/4
	20A	2	93	MD710/4
	40A	1	74	RS32410/4
	40A	2	112	RD32710/4
	40A	3	163	RT32110/4
	40A	4	200	RQ321410/4
	40A	5	250	RX321810/4
	40A	6	288	RY322110/4

Options for this sequence:-
NC - Electrically separate contacts



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i-select Hand Operated Rotary Switches (Multi Position Selectors)

Restricted - 45° Three Position Spring Return - 1>2<3

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 4/SR 	6A	1	42	R6S24/SR
	6A	2	52	R6D34/SR
	6A	3	73	R6T54/SR
	6A	4	84	R6Q64/SR
	16A	1	42	R16S24/SR
	16A	2	52	R16D34/SR
	16A	3	73	R16T54/SR
	16A	4	84	R16Q64/SR
	20A	1	41	MS24/SR
	20A	2	51	MD34/SR
	20A	3	72	MT54/SR
	20A	4	82	MQ64/SR
	40A	1	49	RS3224/SR
	40A	2	62	RD3234/SR
	40A	3	87	RT3254/SR
	40A	4	100	RQ3264/SR
	40A	5	125	RX3284/SR
	40A	6	138	RY3294/SR

Restricted - 90° Three Position (Spring Return) - 1>2/3

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 6/SR 	6A	1	42	R6S26/SR
	6A	2	52	R6D36/SR
	6A	3	73	R6T56/SR
	6A	4	84	R6Q64/SR
	16A	1	42	R16S26/SR
	16A	2	52	R16D36/SR
	16A	3	73	R16T56/SR
	16A	4	84	R16Q66/SR
	20A	1	41	MS26/SR
	20A	2	51	MD36/SR
	20A	3	72	MT56/SR
	20A	4	82	MQ66/SR
	40A	1	49	RS3226/SR
	40A	2	62	RD3236/SR
	40A	3	87	RT3256/SR
	40A	4	100	RQ3266/SR
	40A	5	125	RX3286/SR
	40A	6	138	RY3296/SR

Unrestricted - 60° Six Position Stayput - 1/2/3/4/5/6

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 1/6 	40A	1	62	RS3231/6
	40A	2	100	RD3261/6
	40A	3	138	RT3291/6

Unrestricted - 60° Six Position Stayput - Off/1/2/3/4/5

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 2/6 	40A	1	62	RS3232/6
	40A	2	100	RD3262/6
	40A	3	138	RT3292/6

Unrestricted - 60° Six Position Stayput - Off/1/2/Off/3/4

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 3/6 	40A	1	49	RS3223/6
	40A	2	74	RD3243/6
	40A	3	100	RT3263/6

Unrestricted - 45° Eight Position Stayput - 1/2/3/4/5/6/7/8

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 1/8 	6A	1	63	R6S41/8
	6A	2	105	R6D81/8
	16A	1	63	R16S41/8
	16A	2	105	R16D81/8
	20A	1	62	MS41/8
	20A	2	103	MD81/8
	40A	1	74	RS3241/8
	40A	2	125	RD3281/8
	40A	3	175	RT32121/8

Unrestricted - 45° Eight Position Stayput - Off/1/2/3/4/5/6/7

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 2/8 	6A	1	63	R6S42/8
	6A	2	105	R6D82/8
	16A	1	63	R16S42/8
	16A	2	105	R16D82/8
	20A	1	62	MS42/8
	20A	2	103	MD82/8
	40A	1	74	RS3242/8
	40A	2	125	RD3282/8
	40A	3	175	RT32122/8

Unrestricted - 45° Eight Position Stayput - Off/1/2/3/Off/4/5/6

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 3/8 	6A	1	52	R6S33/8
	6A	2	84	R6D63/8
	6A	3	115	R6T93/8
	16A	1	52	R16S33/8
	16A	2	84	R16D63/8
	16A	3	115	R16T93/8
	20A	1	51	MS33/8
	20A	2	82	MD63/8
	20A	3	113	MT93/8
	40A	1	62	RS3233/8

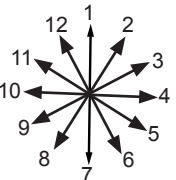


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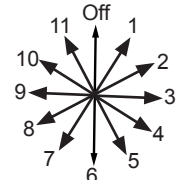
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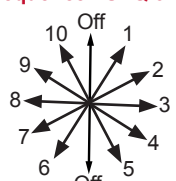
Unrestricted - 30° 12 Position Stayput - 1/2/3/4/5/6/7/8/9/10/11/12

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 1/12 	40A	1	100	RS3261/12
	40A	2	175	RD32121/12
	40A	3	250	RT32181/12

Unrestricted - 30° 12 Position Stayput - Off/2/3/4/5/6/7/8/9/10/11

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 2/12 	40A	1	100	RS3262/12
	40A	2	175	RD32122/12
	40A	3	250	RT32182/12

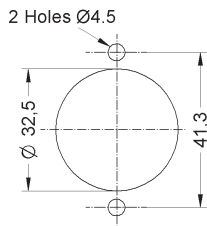
Unrestricted - 30° 12 Position Stayput - Off/2/3/4/5/Off/7/8/9/10

Posn. Diag	Rating	Poles	'L'	Cat. No
Sequence - SEQ 3/12 	40A	1	87	RS3253/12
	40A	2	150	RD32103/12
	40A	3	213	RT32153/12

Option for all sequences on this page:-
NC - Electrically separate contacts.
 (Add suffix /NC e.g. RT32153/12/NC)

Accessories

x = Not available, ✓ = OK

Photograph	Dimensions	Description	R6	R16	MR	R40*	Catalogue Ref
 'Skeleton' LHC handle  'Skeleton' LHD handle  SM style shroud  SA style shroud	(See page 6 for dimensions)  2 Holes Ø4.5 Ø 32.5 41.3 Drilling details for both LHC & LHD handle forms Contd...	Multi position Locking Handles Designed specifically to offer the maximum padlocking flexibility, these robust assemblies can be fitted to the complete range of switches. Offered with two different handle shapes and several locking position options. Pull to lock (Pull out central plunger to insert padlock) Press to release (Remove padlock and depress central plunger to release switch) General selector type knob Small pointer style knob <i>* Not available in either 30° or 60° indexing switches</i> <i>With all the possible locking positions available with these switch sequences, it is best to describe your specific requirements when ordering.</i> <i>Locking positions can be provided in any 45° or 90° increment with reference to the 12:00 o'clock position.</i> <i>i.e. "3 off RT32121/8/SALHC rotary switches lockable in 12:00 o'clock position only" or "MD69/4/SMLHD rotary switch lockable in all positions"</i> <i>If the locking details are not stated, switches will be supplied lockable in all positions by default.</i>	✓	✓	✓	✓	...LHC...
			✓	✓	✓	✓	...LHD...
			✓	✓	✓	✓	SM...
			✓	✓	✓	✓	SA...



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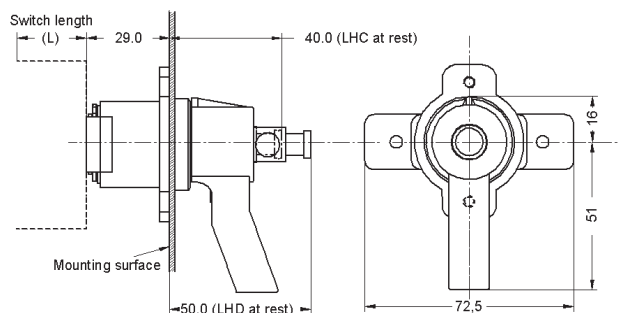
Technical Data Sheet

i-select Hand Operated Rotary Switches (Multi Position Selectors)

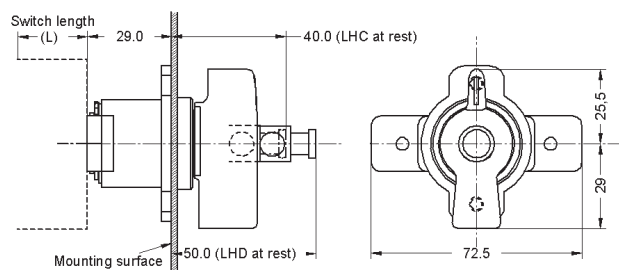
Accessories Contd.

x = Not available, ✓ = OK

LHC/LHD Locking Handle with SA shape knob



LHC/LHD Locking Handle with SM shape knob



Single Hole Knob Actuators

Photograph	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Knob Actuators - Single hole fixing Ø22 Mounting - IP65 All moulded construction. <i>Cannot be sold separately. Add as prefix to switch ref. e.g. 22Z/R16Q85/4, 22Z/MD710/4</i>	✓	✓	✓	x	22Z/...
		Knob Actuators - Single hole fixing Ø22 Mounting - Die-cast - IP65 'Tee bar' knob with full width line 'Tee bar' knob with half width line <i>Please check availability before ordering on these items.</i>	x	x	✓	x	22/ZTF... 22/ZT...
		Knob Actuators - Single hole fixing contd. Ø22 Mounting - Die-cast - IP65 Pointer knob (Short tail) Pointer knob (Long tail) <i>Please check availability before ordering on these items.</i>	x	x	✓	x	22/ZP... 22/ZPL...
		Knob Actuators - Single hole fixing. Ø30.5 Mounting - Die-cast body - IP65 Pointer knob	✓	✓	✓	x	N309B1...



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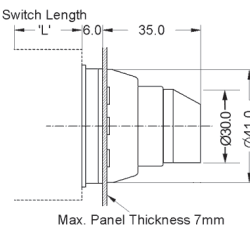
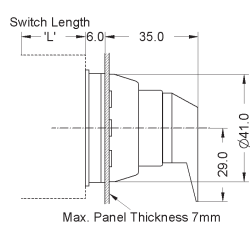
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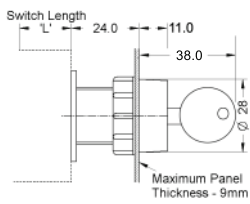
Technical Data Sheet

i-select Hand Operated Rotary Switches (Multi Position Selectors)

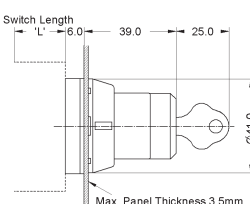
Single Hole Knob Actuators Contd.

Photograph	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Knob Actuators - Single hole fixing. Ø32.0 Mounting - Die-cast body and locking ring with silver anodised finish, die-cast knob finished black - IP65 Pointer knob <i>Cannot be sold separately. Remove 'M' from switch ref & add Z as prefix e.g. ZX104</i>	x	x	✓	x	Z...
		Knob Actuators - Single hole fixing. Ø32.0 Mounting - Die-cast body and locking ring with silver anodised finish, die-cast knob finished black - IP65 Metal pointer knob <i>Cannot be sold separately. Remove 'M' from switch ref & add Z1 as prefix e.g. Z1Q85</i>	x	x	✓	x	Z1...

Single Hole Key Actuators

Photograph	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Key Actuators - Single hole fixing. Ø22 Mounting - All moulded - IP65 Locking Position(s) - Key free. <i>The possible locking options are limited by the following mechanical limitations:-</i> • Key removeable positions must be a min 90° of apart. • 90° or 90° through 45° axes. • There will always be diametrically opposite removeable postions <i>If these limitations fit within your requirements, then please contact our sales team for ordering details</i>	✓	✓	✓	x	22K...

'300' key series. Unless otherwise requested, key actuators will be supplied with 2 off '301' keys. Key differs 302 - 399 available on request. Cannot be sold separately.

		Key Actuators - Single hole fixing contd. Ø32 Mounting - Die-cast - IP65 Locking Position(s) - Key free. <i>The possible locking options are limited by the following mechanical limitations:-</i> • Key removeable positions must be a min 90° of apart. • 90° or 90° through 45° axes. • There will always be diametrically opposite removeable postions <i>If these limitations fit within your requirements, then please contact our sales team for ordering details</i>	x	x	✓	x	K...
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'DC800' key series. Unless otherwise requested, key actuators will be supplied with 2 off 'DC800' keys. Key differs DC801 - DC820 available on request. Cannot be sold separately.

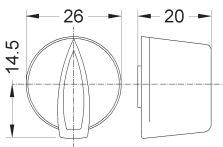
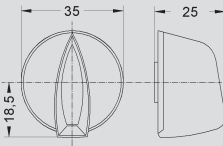
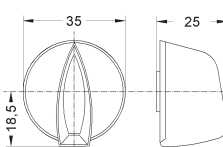
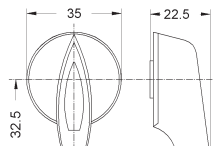
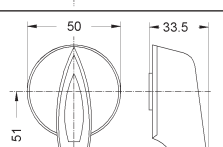
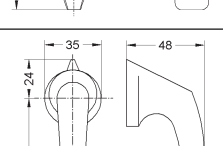
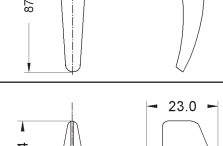
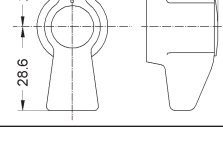


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Technical Data Sheet

i-select Hand Operated Rotary Switches (Multi Position Selectors)

Alternative Knobs

Photograph	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Moulded skirted knob Ø26 Supplied as std. with R6 & R16 sws. Supplied loose as spare	✓ ✓	✓ ✓	x x	x x	- MZK/B/HAN
		Moulded skirted knob Ø35 Supplied fitted to selected switch Supplied loose as spare	✓ ✓	✓ ✓	x x	✓ ✓	.../ZK ZK/B/HAN
		Moulded skirted knob Ø35 Supplied as std. with MR sws. Supplied loose as spare	x x	x x	✓ ✓	x x	- SZK/B/HAN
		Moulded skirted knob Ø35 with tail Supplied as std. with R40 sws. Supplied fitted to selected switch Supplied loose as spare	x ✓ ✓	x ✓ ✓	x x x	✓ x ✓	- .../SK SK/B/HAN
		Moulded skirted knob Ø50 with tail Supplied fitted to selected switch Supplied loose as spare	x x	x x	x x	✓ ✓	.../LK LK/B/HAN
		Moulded pistol grip handle - Black Supplied fitted to selected switch Supplied loose as spare	x x	x x	x x	✓ ✓	.../BP BP/B/HAN
		Die-Cast knobs - General purpose pointer style knob Supplied fitted to selected switch Supplied loose as spare (MR) Supplied loose as spare (R40)	x x x	x x x	✓ ✓ x	✓ x ✓	.../SM SM/16/HAN SM/32/HAN
		Die-Cast knobs - Pointer style knob with tail Supplied fitted to selected switch Supplied loose as spare (MR) Supplied loose as spare (R40)	x x x	x x x	✓ ✓ x	✓ x ✓	.../SA SA/16/HAN SA/32/HAN



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***i-select* Hand Operated Rotary Switches (Multi Position Selectors)**

Photograph	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Die-Cast knobs - Machine Tool style (Small) Bright chrome finish with black ball knob Supplied fitted to selected switch Supplied loose as spare (MR) Supplied loose as spare (R16/R16/ R40)	✓* x ✓*	✓* x ✓*	✓ ✓ x	✓ x ✓	.../SMT SMT/16/HAN SMT/32/HAN
* Only suitable for non-restricted switches							

Diagrams	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Extended Shafts - Shaft projections in excess of the std. can be specified by making reference to the suffixes as shown. Total shaft projection (4.8 sq) 20.5 25.5 33.5 40.0 46.0 52.5 59.0 Total shaft projection (5.5 sq) 23.5 36.5 49.0 62.0 75.0 87.5 100.0					
		(Std. Shaft)	x	x	✓	x	.../SS1
		.../SS2	x	x	✓	x	.../SS2
		.../SS3	x	x	✓	x	.../SS3
		.../SS4	x	x	✓	x	.../SS4
		.../SS5	x	x	✓	x	.../SS5
		.../SS6	x	x	✓	x	.../SS6
		(Std. Shaft)	x	x	x	✓	.../SS2
		.../SS2	x	x	x	✓	.../SS2
		.../SS4	x	x	x	✓	.../SS4
		.../SS6	x	x	x	✓	.../SS6
		.../SS8	x	x	x	✓	.../SS8
		.../SS10	x	x	x	✓	.../SS10
		.../SS12	x	x	x	✓	.../SS12
		Gold Surfaced Contacts - For low power circuits Gold flashed contacts Gold plated contacts <i>Plated contacts offer a significantly thicker deposit, and are better suited to withstand mechanical wear and minor contact arcing.</i>					
			✓	✓	✓	x	.../GF
			x	x	✓	x	.../GP
		IP65 Sealing Kit - To enhance the std. panel mounting switches to IP65. Factory fitted to switch Supplied loose as kit (MR) Supplied loose as kit (R40)					
			✓	✓	✓	✓	.../G
			x	x	✓	x	G/16/KIT
			x	x	x	✓	G/32/KIT

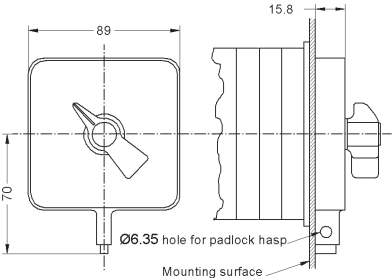


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T e c h n i c a l D a t a S h e e t

***i-select* Hand Operated Rotary Switches (Multi Position Selectors)**

Additional Features Contd.

Diagrams	Dimensions	Description	R6	R16	MR	R40	Catalogue Ref
		Base Mounting - Provides the facility to base mount the panel mounted switch form. Base mounted form <i>To specify, add the letter 'B' after the pole designation in the cat. ref. e.g. R6TB21, MYB31/2</i>	✓	✓	✓	✓	.B...
		Faceplate Padlocking - Heavy duty, all metal, padlocking device. Can be made lockable in one or more position (45° indexing). Basic padlocking device <i>Locking positions can be supplied as advised, or the customer can effect locking positions by modifying the supplied locking disk. Please specify your requirements when ordering.</i>	x	x	x	✓	.../PL
		Additional terminal protection - Loose items Individual terminal shrouds (R6/R16) Individual terminal shrouds (MR) Flexible PVC shroud* <i>* The MR 0134 shroud is designed to cover the complete switch and associated wiring. Easily cut to length to suit individual switch lengths.</i>	✓ x x	✓ x x	x ✓ ✓	x x x	SRC 0108 MR 1048 MR 0134



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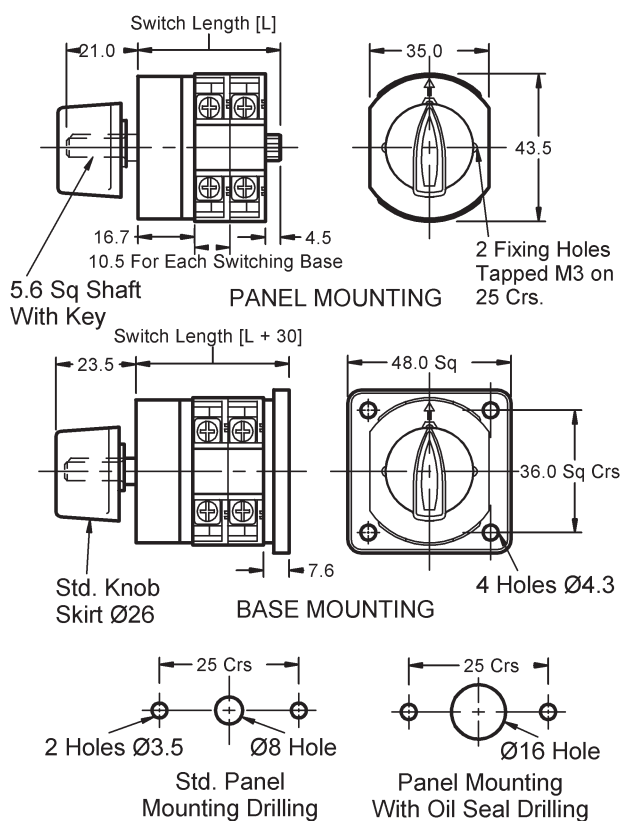
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Technical Data Sheet

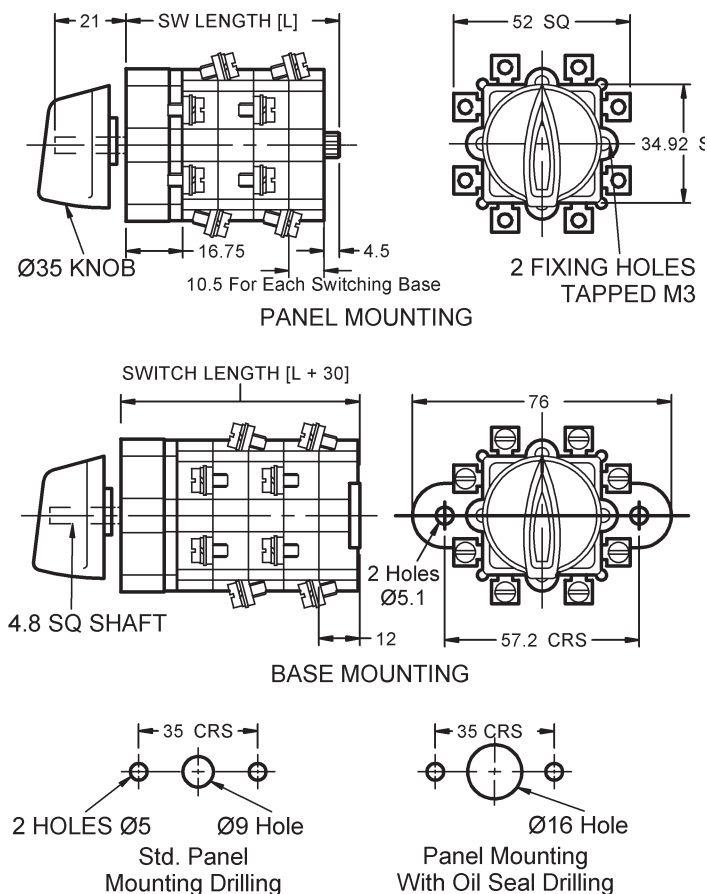
i-select Hand Operated Rotary Switches (Multi Position Selectors)

Dimensions

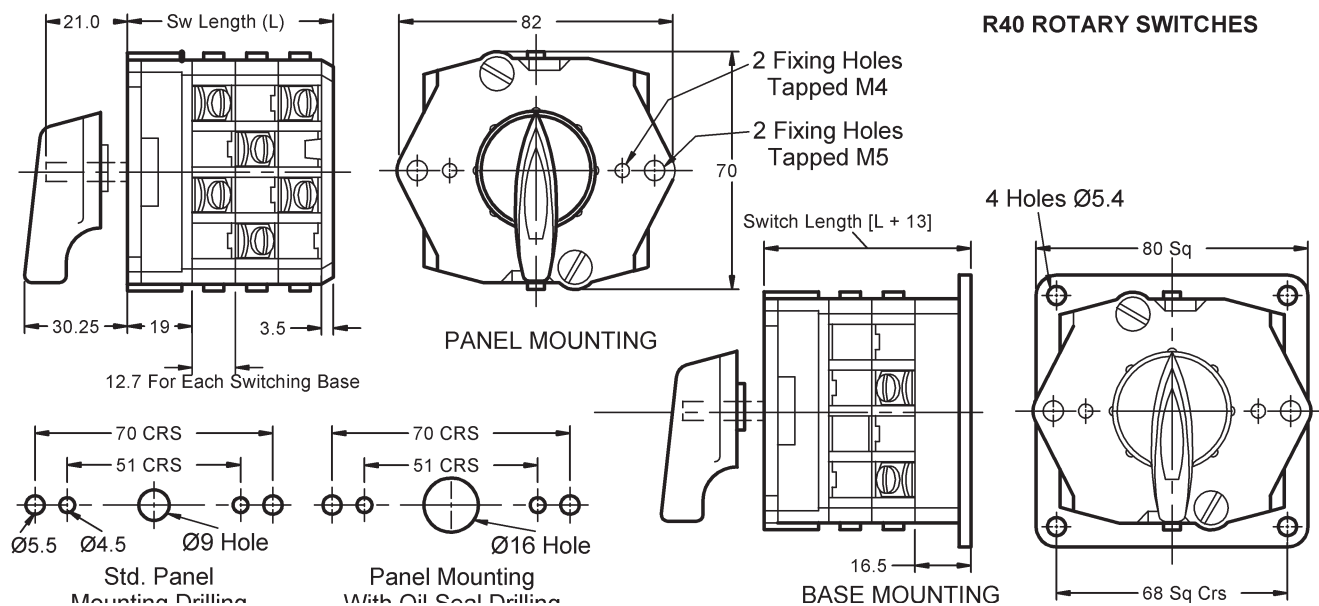
R6 & R16 ROTARY SWITCHES



MINIROTARY SWITCHES



R40 ROTARY SWITCHES



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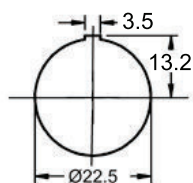
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T e c h n i c a l D a t a S h e e t

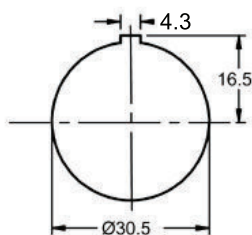
***i-select* Hand Operated Rotary Switches (Multi Position Selectors)**

Dimensions Contd.

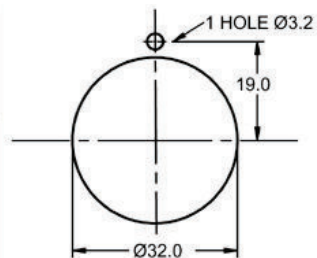
Single hole mounted components:-



All '22 Series' Components



All Std. '30.5 Series' Components



All '32 Series' Components

Conclusions

The Craig & Derricott 'Classic Range' of rotary switches offers a vast selection of assemblies in the catalogued options shown here. However, our service to industry concentrates on supplying bespoke arrangements that fulfil specific, and often unique, requirements.

If you feel you would like to discuss your specific needs, please give our dedicated sales team a call, we have decades of experience in determining solutions in this field.

*Although we show a good selection of accessories in this data sheet, there are common components such as **enclosures** and **indicator plates** that cut across more than one product range. Please refer to our separate data sheets for further information:-*

- *Craig & Derricott Enclosures.pdf*
- *Craig & Derricott Indicator Plates.pdf*



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