



Data sheets showing the full range of variants and accessories available for the R6, R16 & R40 ranges are available to download from the Craig & Derricott website: -

www.craigandderricott.co.uk/content/site-downloads

			R6/R16 Range		R40 Range
			R6	R16	R40
Rated insulation voltage (U _i)		V	690	690	690
Rated impulse withstand (U _{imp})		kV	-	-	-
Rated thermal current (I _{th})		A	6	16	40
Rated short-time withstand current (I _{sw})		A	120	120	1100
Rated operational current AC21A (I _o)	250V 415V	A	6 6	16 16	40 40
Rated operational Power - 3 phase AC23A	250V 415V	kW	0.75 2.5	2.5 5.5	- 15.0
DC Switching capacity - DC21 (t=1mS)	230V 200V 120V 36V	A	0.5 - - -	1.5 5.2 6.2 16.0	
Max. fuse size for short circuit protection (I _n)		A	6	16	40
Mechanical endurance (Switching cycles)			>0.5x 10 ⁶	>0.5x 10 ⁶	>0.5x 10 ⁶
Termination/max. cable size			M3.5/4mm ²	M3.5/4mm ²	M5/6mm ²
Optional Extras					
Padlocking handle (Moulded Red/Yellow)			-	-	✓
Single hole mtg. knob Actuator (Ø22.5)			✓	✓	-
Single hole mtg. Key Actuator (Ø22.5)			✓	✓	-
Padlocking handle (Die-cast) - Pull to lock - Press to release			✓ ✓	✓ ✓	✓ ✓
Key locking handle (Die-cast)			✓	✓	✓
Base mounting - DIN rail - Screw fixing			- ✓	- ✓	- ✓
Alternative handle styles			✓	✓	✓
Faceplate padlocking attachment			-	-	✓
Extended shafts			✓	✓	✓
Gold (Au) surfaced contacts			✓	✓	-
Legend plate options			✓	✓	✓
Dimension drawings			Panel Mounting (For base mounting dims. see data sheets)	Panel Mounting (For base mounting dims. see data sheets)	Panel Mounting (For base mounting dims. see data sheets)

Rotary Switches



Rotary Switches
Extremely versatile and effective circuit control.

- 6A-80A I_{th} ratings
- 90°, 60°, 45° & 30° indexing
- Huge range of accessories
- PV 'Photovoltaic' option
- Bespoke design service



Short Form Catalogue

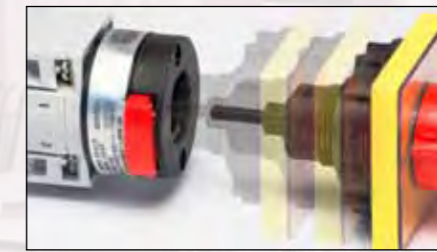


"A rotary switch for every application"

Rotary switches in the range 6A-80A with panel or base mounting options. All ranges are available with an extensive range of assembly and accessory options.



			GX Range				GN Range					GF Range		CS Range						Aux.	
			GX16	GX20	GX32	GX40	GN12	GN20	GN25	GN32	GN40	GF10	GF20	CS16	CS25	CS32	CS40R	CS63			
Rated insulation voltage (U _i)		V	690				690					480		690						690	
Rated impulse withstand (U _{imp})		kV	6				6					4		6						-	
Rated thermal current (I _{th})		A	16	20	32	40	12	20	25	32	40	10	20	16	25	32	40	63	10A		
Rated short-time withstand current (I _{cs})	1 sec	A	250	250	800	800	200	250	400	800	1000	250	250	400	500	600	600	1300			
Rated operational current AC21A (I _e)		A	16	20	32	40	12	20	25	32	40	10	20	16	25	32	40	63			
Rated operational power - 3 phase AC3	220/240V	kW	3.5	3.7	7.5	7.5	2.5	3.0	5.5	7.5	8.0	1.5	3.0	3.7	5.5	7.5	7.5	11.0	11.0	11.0	A (AC15) 8 3 1
	380/440V		4.5	5.5	11.0	15.0	4.0	5.5	7.5	11.0	15.0	2.2	5.0	5.5	7.5	11.0	11.0	11.0	22.0		
	500/690V		5.5	5.5	11.0	15.0	5.5	5.5	7.5	11.0	15.0	-	-	7.5	11.0	15.0	15.0	25.0			
- 3 phase AC23	220/240V	kW	3.7	4.0	8.0	9.0	3.0	5.0	6.5	8.0	8.0	1.8	5.0	4	7.5	9.0	9.0	15.0	15.0	15.0	-
	380/440V		6.5	7.5	15.0	18.5	6.0	7.5	11.0	15.0	18.5	3.0	7.5	7.5	11.0	15.0	15.0	25.0	25.0	-	
	500/690V		7.5	7.5	15.0	15.0	7.5	7.5	11.0	18.5	22.0	-	-	9.0	15.0	15.0	15.0	30.0	30.0	-	
DC Switching capacity (No. of series contacts) - DC23 (t=15mS)	24V	A	-	-	-	-	10(1)	20(1)	25(1)	32(1)	40(1)	-	-	-	-	-	-	-	-	-	-
	48V		-	-	-	-	10(2)	20(2)	25(2)	32(2)	40(2)	-	-	-	-	-	-	-	-	-	-
	110V		-	-	-	-	5(3)	10(3)	12(3)	15(3)	20(3)	-	-	-	-	-	-	-	-	-	-
	220V		-	-	-	-	5(4)	8(4)	10(4)	12(4)	20(4)	-	-	-	-	-	-	-	-	-	-
Max. fuse size for short circuit protection (I _n)		5kA	16	20	35	40	-	-	-	-	-	16	20	-	-	-	-	-	-	-	-
	(Gg/gL)	10kA	16	20	35	40	-	-	-	-	-	10	20	-	-	-	-	-	-	-	-
		25kA	16	16	35	35	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-
Mechanical endurance (Switching cycles)			-	-	-	-	3x10 ⁶	5x10 ⁶	5x10 ⁶	5x10 ⁶	5x10 ⁶	-	-	-	-	-	-	-	-	-	-
Terminal capacity - rigid/flexible	max. 2 x mm ²		2.5/2.5	2.5/2.5	10/6	10/6	1.5/1.5	2.5/2.5	4.0/4.0	6.0/4.0	10.0/6.0	1.5/1.5	2.5/2.5	10/6	10/6	10/6	10/6	25/16			
	min. 2 x mm ²		0.5/0.5	0.5/0.5	1.5/1.5	1.5/1.5	0.5/0.5	0.5/0.5	0.5/0.5	1.5/1.5	1.5/1.5	0.5/0.5	0.5/0.5	-	-	-	-	-			
Optional Extras																					
Padlocking handle (Moulded Red/Yellow)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Single hole mtg. knob Actuator (Ø22.5)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Single hole mtg. Key Actuator (Ø22.5)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Padlocking handle (Die-cast) - Pull to lock - Press to release																					
Key locking handle (Die-cast)																					
Base mounting - DIN rail - Screw fixing			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alternative handle styles			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Faceplate padlocking attachment							✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
Extended shafts							✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
Gold (Au) surfaced contacts			✓	✓			✓	✓				✓	✓								
Legend plate options			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



GF, GX, GN & CS Ranges - Quick release bayonet fitting actuators



GX Range - Space saving side-by-side mounting



R6, R16 & R40 Ranges - Heavy duty padlockable handles

Specially constructed rotary switches have been designed and built by Craig & Derricott for more than 50 years. If you require something specific - give us a call.



Specific dimensions available on request



Craig & Derricott specialise in designing rotary switches to specific customer requirements. If you require these services, please contact our technical sales staff who will be pleased to assist, or download our 'switch design template' which will guide you through the design process - www.craigandderricott.co.uk/content/site-downloads

