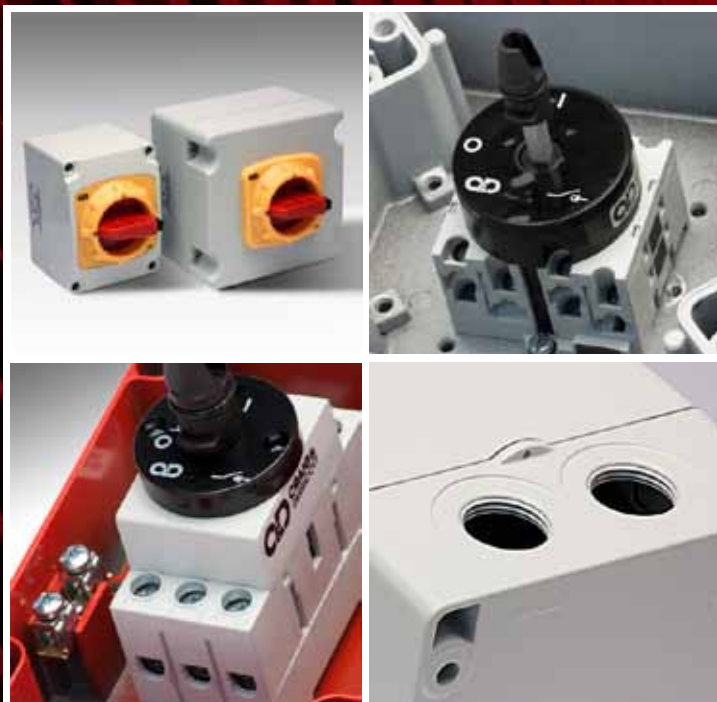


Die cast Enclosed Isolators



Die cast aluminium enclosed isolators

- 20A - 40A ratings
- Robust construction
- IP65 sealed
- Red or Grey paint finish



**CRAIG &
DERRICOTT**

...make the switch



The 'i-switch' die cast range provides the user with a product that will withstand a good deal of rough treatment. With sealing to IP65 these products can be placed in environments where resistance to impacts, moisture and dust/dirt are a concern. A wide cross section of formats are available including changeover switch disconnecter options.

Padlocking - All items allow for the insertion of up to 3 padlocks in the 'Off' position. Standard hasp diameter Ø6.4

Safety Interlock - The range incorporates a mechanical interlock which, when a padlock is inserted, prevents the enclosure lid from being removed.

Auxiliary Contacts - The 'EB' addition to the catalogue numbers denotes the inclusion of 2 early break contacts. These are factory fitted to the main switches but additional blocks can be fitted by the user to the 'CS' style interior switches with the following ratings:-
Ratings U_i - 690V, I_{th} - 10A, Operational Current - 8A (110V), 8A (220/240V), 3A (380/400V)

Switch disconnectors (O-I)

Rating	Format	Interior switch product range	Catalogue No.		Enclosure size
			Grey	Red	
25A	2P	CS25	SDDG252	SDDR252	A
	3P		SDDG253	SDDR253	
	3P + N*		SDDG253N	SDDR253N	
	3P + 2EB Aux		SDDG253EB	SDDR253EB	
20A	6P	GX20**	SDDG256	SDDR256	A
	6P + 2EB Aux		SDDG256EB	SDDR256EB	
40A	2P	CS40R	SDG402	SDR402	B
	3P		SDG403	SDR403	
	3P + 2EB Aux		SDG403EB	SDR403EB	
	3P + N*	SDG403N	SDR403N		
	4P	GX40	SDG404	SDR404	
	6P + 2EB Aux	R32**	SDG406EB	SDR406EB	

Changeover Switch disconnectors (I-O-II)

Rating	Format	Interior switch product range	Catalogue No.	Enclosure size
20A	2P	GX20	SCODDG252	A
	3P		SCODDG253	
	4P		SCODDG254	
40A	2P	GX40	SCODG402	B
	3P		SCODG403	
	4P	R32	SCODG404	

Accessories (Available for type 'CS' interiors only)

Description	Cat. No. 25A	Cat. No. 40A
Auxiliary Contact - 2 Early Break	SAUX2EB	
Auxiliary Contact - 1 N/O + 1 N/C	SAUXCO	
40A Neutral (Unswitched)	SNL25	SNL40
40A Neutral (Switched)	SSP25	SSP40

* Switched neutral (Early make, late break) ** EB auxiliary contacts are **fully rated**.

Technical Specification

Data supplied against tests to IEC/BS EN 60947-3

Application	Sym.	Unit	Category	20A	25A	40A		
Switch Product range		-		GX20	CS25	CS40R	GX40	R32
Rated thermal current	I_{the}	A		20	25	40	40	40
Rated insulation voltage	U_i	V		690	690	690	690	690
Rated impulse voltage	U_{imp}	kV		6.0	6.0	6.0	6.0	-
Rated operational power (3 phase AC)		kW	380/440V - AC23	7.5	11.0	15.0	18.5	15.0
			500V - AC23	7.5	15.0	15.0	15.0	-
			600V - AC23	7.5	15.0	15.0	15.0	-
Connecting capacity			Terminal type					
			mm ² Flexible cable	2.5 x 2	6.0	6.0	6 x 2	6.0
			mm ² Rigid cable	2.5 x 2	10.0	10.0	10 x 2	10.0
			Nm Tightening torque	1.0	1.2	1.2	1.0	1.5

Design Features

Enclosure

- Material** Die cast Aluminium alloy LM24 (BS 1490)
- Finish** Grey - RAL 7035
Red - RAL 3020
- Entries** 2 x M20 on bottom face of enclosure as std. Maximum no. of possible entries:-
Size A 6 (3 top+3 bottom)
Size B 8 (3 top+3 bottom +1 on each side)
- Earthing** Terminals are provided on both lid & base to allow full earth continuity to be maintained.
- Mounting** All fixings are internal but outside of the IP65 sealed area. Guide channels are provided to assist with the fixing screw location.
- Terminal Markings** Full details are provided on the installation instructions supplied with every item.

Dimensions

