

AC Switch Disconnecter 20A - 100A
Instruction Leaflet

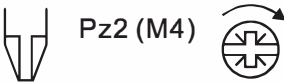
 FuseBox[®]

Technical information		DOC:ACSD_20-100A_30.04.2026_V1					
P/NO	FRIS4P020	FRIS4P032	FRIS4P040	FRIS4P050	FRIS4P063	FRIS4P080	FRIS4P100
GTIN-13	5060523529919	5060523529964	5060523529926	5060523529933	5060523529940	5060523529957	506117310029
STANDARDS	EN60947-3	EN60947-3	EN60947-3	EN60947-3	EN60947-3	EN60947-3	EN60947-3
DIMENSIONS HXWXD mm	126X101X121	176X116X136	176X116X136	176X116X136	176X116X136	240X160X166	240X160X166
RATED CURRENT	20A	32A	40A	50A	63A	80A	100A
RATED SHORT-TIME WITHSTAND CURRENT	600A	800A	800A	800A	800A	2000A	2000A
RATING AC23A	5.5KW	11KW	15KW	18KW	22KW	30KW	37KW
RATING AC3	4KW	7.5KW	11KW	15KW	18.5KW	22KW	30KW
POLES	4	4	4	4	4	4	4
RATED VOLTAGE Ue	400V/50Hz	400V/50Hz	400V/50Hz	400V/50Hz	400V/50Hz	400V/50Hz	400V/50Hz
MAXIMUM CABLE SIZE	2.5mm ²	6mm ²	10mm ²	10mm ²	16mm ²	25mm ²	35mm ²
TORQUE SETTINGS Nm-TERMINALS	1.2	1.2	1.2	1.2	1.2	2	2
DRILL-OUTS TOP/BOTTOM	M20/M25	M20/M25	M20/M25	M20/M25	M20/M25	M25/M32	M25/M32
IP	65	65	65	65	65	65	65
MATERIAL	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE



Installation

- 1a. Switch Disconnecter must be installed by a qualified electrician in accordance with the current IET Wiring Regulations BS 7671.
- 1b. Total load must not exceed the rating of the unit.
- 1c. Ensure the mains power is switched OFF and securely isolated before installation.
- 1d. Switch Disconnecter must be installed vertically and fixed securely to the wall/surface.
- 1e. Glands must be used to maintain IP rating.
- 1f. Cut, dress and connect the Switch Disconnecter as per the wiring diagram.
- 1g. Ensure all connections are tightened to the correct torque setting (see technical information)



LOOSE CONNECTIONS CAUSE FIRES!!!!

Testing

On completion of the installation , it must be tested in accordance with the current IET Wiring Regulations BS 7671

Environment

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE. CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.

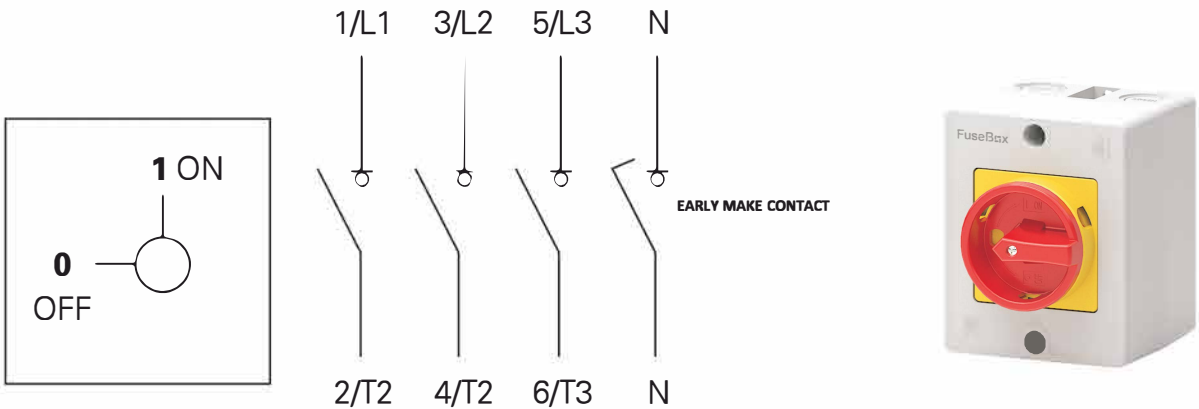


After installation and testing of this product it is essential that the INSTRUCTION LEAFLET is available for reference

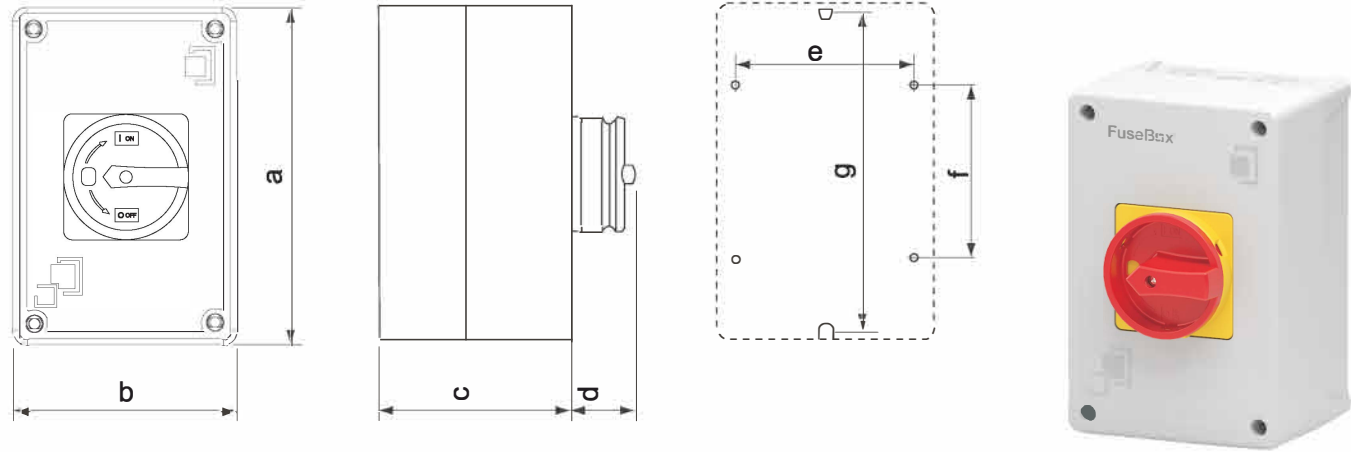
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Wiring Diagram



Dimensional Diagram



Dimensions H X W X D mm					Fixing Centres mm		
4 Pole	a	b	c	d	e	f	g
FRIS4P020	126	101	86	35	80	80	115
FRIS4P032	176	116	101	35	90	90	165
FRIS4P040	176	116	101	35	90	90	165
FRIS4P050	176	116	101	35	90	90	165
FRIS4P063	176	116	101	35	90	90	165
FRIS4P080	240	160	122	44	138	179	
FRIS4P100	240	160	122	44	138	179	

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