

IS3N-20ACGY, IS3N-32ACGY	3 POLE 20 & 32 AMP AC ISOLATOR SWITCHES
IS4N-20ACGY, IS4N-32ACGY, IS4N-40ACGY, IS4N-63ACGY & IS4N-100AC	4 POLE 20, 32, 40, 63 & 100 AMP AC ISOLATOR SWITCHES

Features

- Tough & durable thermoplastic
- IP66 rated
- Interlocking front covers, can only be removed when in the 'OFF' position
- Lockable switch prevents tampering

Safety Instructions

1. These instructions should be read carefully and retained after installation for future reference and maintenance.
2. Ensure that the mains power is isolated before carrying out installation or maintenance.
3. Check that the total load on the circuit including this timer does not exceed the rating of the circuit cable, fuse or circuit breaker.
4. This product must be installed in accordance with the latest edition of the IET Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician.

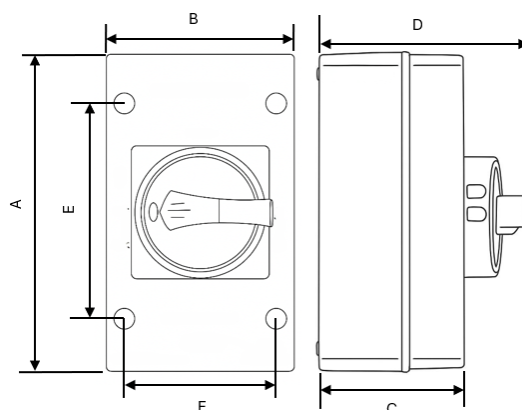
Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

Installation Instructions

- The Weathersafe Isolator range must be mounted on a vertical flat surface
- Remove cover (the switch must be in the OFF position)
- Mount the rear box on a vertical surface, using the fixings and wall plugs as necessary
- The fixing dimensions are marked on the back of the rear box
- Route cables through the M20/25/32/40 top and bottom cable entry points after drilling out the relevant drill-out entry point
- A cable gland of IP66 or higher should be used in order to maintain the IP rating
- Terminate cables, tightening to a torque of 1.2Nm to 1.8Nm
- Replace cover ensuring that the gasket is fully in place in order to retain the IP66 rating; do not overtighten screws and do not use an electric screwdriver
- Advice should be sought before installing this product in an environment where it is likely to be subject to chemicals, oils or solvents

Dimensions:



Model	A	B	C	D	E	F
IS3N-20ACGY, IS3N-32ACGY, IS4N-20ACGY, IS4N-32ACGY	180 mm	95 mm	80 mm	110 mm	155 mm	80 mm
IS4N-40ACGY, IS4N-63ACGY	200 mm	120 mm	86 mm	115 mm	171 mm	105 mm
IS4N-100AC	320 mm	200 mm	110 mm	145 mm	283.5 mm	185.5 mm

Specification

IS3N-20AC and IS4N-20AC					
Manual Motor Controller				EN60947-3	
Motor	120V	240V	415V		220V 415V
3ph HP	1.5	3	5	$I_u = I_{th} = AC21A$	20A
1ph HP	0.5	1.5	3	AC-23A 3ph	5.5kW
20A 415V AC				AC-3 1ph	4.0kW

IS3N-32AC and IS4N-32AC					
Manual Motor Controller				EN60947-3	
Motor	120V	240V	415V		220V 415V
3ph HP	1.5	3	5	$I_u = I_{th} = AC21A$	32A
1ph HP	0.5	1.5	3	AC-23A 3ph	7.5kW
32A 415V AC				AC-3 1ph	5.5Kw



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IS4N-40AC							
Manual Motor Controller				EN60947-3			
Motor	120V	240V	415V		220V	415V	
3ph HP	3	7.5	15	lu = lth = AC21A	40A		
1ph HP	1.5	3	7.5	AC-23A 3ph	7.5kW	15kW	
40A 415V AC				AC-3 1ph	7.5kW	11kW	

IS4N – 63AC							
Manual Motor Controller				EN60947-3			
Motor	120V	240V	415V		220V	415V	
3ph HP	5	10	20	Lu = lth = AC21A	63A		
1ph HP	2	5	10	AC-23A 3ph	11kW	22kW	
63A 415V AC				AC-3 1ph	11kW	22kW	

Maintenance Instructions

Care should be taken when cleaning this product.

- Inside the lid should only be wiped with a clean dry cloth.
- The outside can be cleaned with mild detergent.
- Solvent based cleaners should not be used.

IS4N-100AC							
Manual Motor Controller				EN60947-3			
Motor	120V	240V	415V		220V	415V	
3ph HP	10	25	50	lu = lth = AC21A	100A		
1ph HP	5	15	30	AC-23A 3ph	22kW	37kW	
100A 415V AC				AC-3 1ph	18.5kW	30kW	

Model:	Terminal Capacity	Drill Out - Cable Entry	
IS3N-20ACGY, IS3N-32ACGY, IS4N-20ACGY, IS4N-32ACGY	6mm ² max.	Top Bottom:	2 x M20, M25 2 x M20, M25
IS4N-40ACGY, IS4N-63ACGY	16mm ² max.	Top Bottom: Sides: Rear:	2x M20/25, 1x M32 2x M20/25, 1x M32 4x M12, M16 (2 per side) 2x M20/25/32
IS4N-100AC	25mm ² max.	Top Bottom: Side: Rear:	2x M25/32, 1x M40 2x M25/32, 1x M40 M12/16/20 2x M25/32/40