

Acti9 Isobar and Isobar P B type distribution boards

BS EN 61439-3 | IEC 61439-3

- Acti9 Isobar is a complete range of three phase distribution boards for commercial and industrial applications
 - Standard distribution boards up to 24 ways
 - Meter ready distribution boards up to 24 ways
 - Split metered distribution boards up to 22 ways
 - Any outgoing way can be converted to switch the Neutral
 - Fully type tested conditional short circuit rating of 25kA to BS EN 61439-3
 - High performance MCB 10kA BS EN 60898 15kA BS EN 60947-2 in B, C or D curve 1, 2, 3, 4 pole
 - 250A busbar rating*
 - Isobar disconnection to BS EN 60947-3 ensuring unused outgoing ways are isolated
 - Option of switching outgoing neutral on all boards using distributed neutral kit
 - Terminal block for feeding up to 100A
 - Range of incomers: switch disconnectors, residual current devices, terminal blocks, MCCB
 - Single pole wire-less RCBO (Isobar P only)
 - Single pole wired RCBO
 - Full IP2X internal shrouding Isobar P only
 - Full range of device accessories and auxiliaries
 - Knockouts for cable gland and conduit mixed to suit the installation needs without loss of space
 - Removable insulated pan assembly
 - Fully shrouded neutral
 - Split neutral bars
 - Removable gland plates
 - Optional metering, dual supply and contactor on incoming
 - Metered extension enclosures
 - Connectivity with MCB, RCBO and MCCB Powertag wireless energy sensors
- * For typical assembly configuration ratings (I_{nA}) with incomers fitted consult us



Alternating current (AC) 50Hz			
withstand	230/240V	400V	415V
Conditional	25kA	25kA	25kA
Unconditional	25kA/50ms	25kA/50ms	25kA/50ms
	17kA/200ms	17kA/200ms	17kA/200ms
Direct current (DC)			
	24V	48V	
Unconditional	25kA/50ms	25kA/50ms	

Technical data Standard, Meter ready, Split metered

Main characteristics		230/240V	400V	415V
Withstand	Conditional	25kA	25kA	25kA
	Unconditional	25kA/50ms	25kA/50ms	25kA/50ms
		17kA/200ms	17kA/200ms	17kA/200ms
Insulation voltage (Ui)		500VAC	500VAC	500VAC
Pollution degree		3	3	3
Rated impulse withstand voltage (Uimp)		6kV	6kV	6kV
Current rating (A*)	direct connection	125/250	6kV	6kV
	Switch disconnector	125	DIN mounted Power switch	
		160-200-250	Interpact	
MCCB	100-160-200-225-250			
Degree of protection		External IP3X		
(IEC 60529)		Internal IP2X		
Endurance (O-C) Isobar switch disconnector		3000		
Overvoltage category		IV		
Operating temperature*		-35 to +70°C		
Storage teperature		-40 to +80°C		
* For typical assembly configuration ratings (I_{nA}) with incomers fitted consult us				

Main characteristics Heavy Duty

According to BE EN 61439-3		230/240V	400V	415V
Withstand	Conditional	25kA	25kA	25kA
	Unconditional	25kA/50ms	25kA/50ms	25kA/50ms
		17kA/200ms	17kA/200ms	17kA/200ms
Insulation voltage (Ui)		500VAC		
Pollution degree		3	3	3
Rated impulse withstand voltage (Uimp)		6kV		
Current rating (A*)		125A		
Degree of protection		External IP55		
(IEC 60529)		Internal IP20		
Endurance (O-C) Isobar switch disconnector		3000		
Overvoltage category		IV		
Operating temperature*		-35 to +70°C		
Storage teperature		-40 to +80°C		
* For typical assembly configuration ratings (I_{nA}) with incomers fitted consult us				
Anti condensation measures should be taken if installed in an external location				