

Acti9 Isobar A type distribution boards

BS EN 61439-3

IEC 61439-3

- Acti9 Isobar is a complete range of single and 3 phase distribution boards for commercial and industrial applications
- Standard distribution boards up to 24 ways
- Multi service distribution boards up to 24 ways
- Dual incomer distribution boards up to 24 ways
- Split load distribution boards up to 24 ways
- Split metered distribution boards up to 20 ways
- Any outgoing way can be converted to switch the Neutral



Alternating current (AC) 50Hz

	110v	230/240v
withstand		
conditional	25kA	25kA
unconditional	25kA/50mS	25kA/50mS
	17kA/200mS	17kA/200mS

Direct current (DC)		
	24v	48v
unconditional	25kA/50mS	25kA/50mS

Catalogue numbers

Acti9 Isobar Standard distribution boards busbar rating 125amp

incomers not included	No of SP ways	No of DP ways
SEA9AN2	2	1
SEA9AN6	6	3
SEA9AN10	10	5
SEA9AN14	14	7
SEA9AN18	18	9
SEA9AN27	27	12

Acti9 Isobar Multi service distribution boards busbar rating 125amp

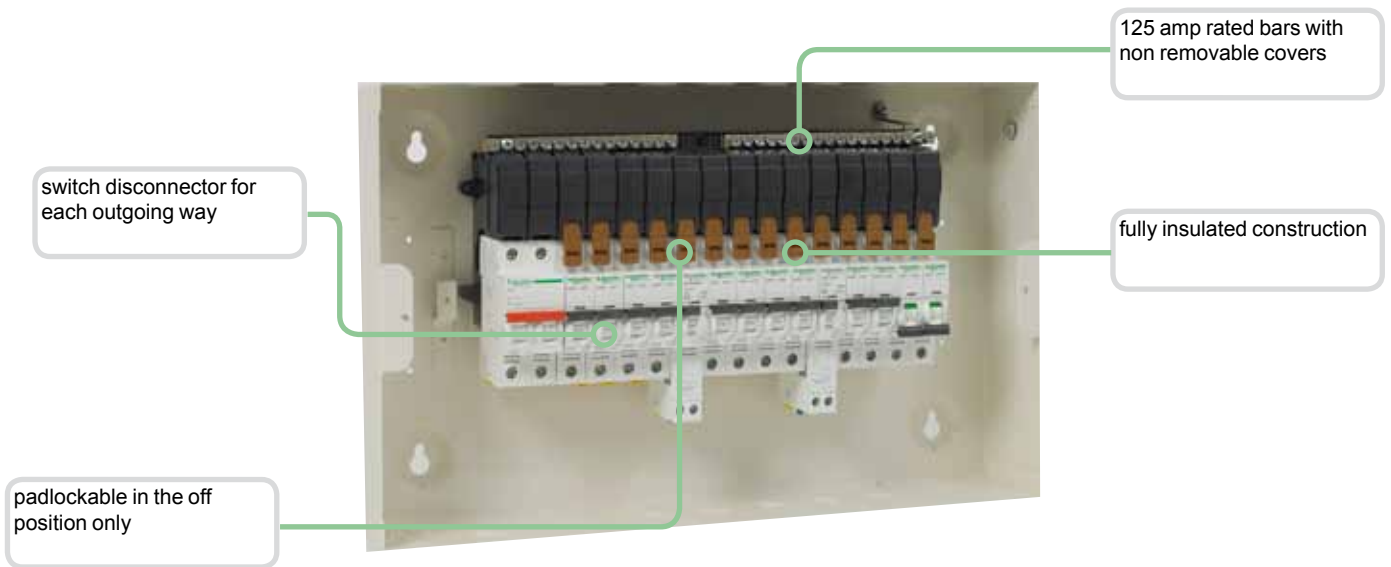
incomers not included	No of SP ways	Useable DIN rail 9mm ways
SEA9AN1008MS	10	8
SEA9AN1016MS	10	16
SEA9AN1432MS	14	32
SEA9AN616MS	6	16
SEA9AN624MS	6	24

Acti9 Isobar Split load distribution boards busbar rating 125amp

incomers not included	Unprotected way	Protected ways
SEA9AN106SL	10	6
SEA9AN610SL	6	10
SEA9AN66SL	6	6

Acti 9 Isobar
the safest distribution board

Acti9 Isobar A type distribution boards



Technical data Standard, Meter ready, Split metered Acti9 Isobar

Main characteristics		110v	230/240v
According to BE EN 61439-3			
Withstand	conditional	25kA	25kA
	unconditional	25kA/50mS	25kA/50mS
		17kA/200mS	17kA/200mS
insulation voltage (Ui)			
Pollution degree			
Rated impulse withstand voltage (Uimp)			
Current rating (A)	direct connection	125	
	Switch disconnector	125	DIN mounted Power switch
	RCCB	100	
Degree of protection (IEC 60529)	sensitive (mA)	30, 100, 300, 300TD	
		External IP30	
		Internal IP20	
Endurance (O-C) Isobar switch disconnector		3000	
Overvoltage category		IV	
Operating temperature		-35 to +70°C	
Storage temperature		-40 to +80°C	
Connections			
Rating	tightening torque	Copper lugs	cables bare
125 amp		■	50mm
125 amp		■	50mm
100 amp		■	35mm
			device
			DIN switch disconnector
			Terminal block
			RCCB

Acti9 Isobar Dual supply distribution boards busbar rating 125amp		
incomers not included	Unprotected way	Protected ways
SEA9AN106DS	10	6
SEA9AN26DS	2	6
SEA9AN66DS	6	6

Acti9 Isobar Split metered distribution boards busbar rating 125amp direct connected meters		
incoming switch disconnector included	No of SP ways	No of DP ways
SEA9AN6S6 40A direct connected	6	6
SEA9AN10S10 63A direct connected	10	10

Acti9 Isobar A type distribution boards

Weight (kG) - Dimensions (mm)								
Standard	Multi service	Split load	Dual Incomer	Split metered	kG	Height	width	depth
2 way	■	■	■	■	1.8	300	200	117
6 way	■	■	■	■	2.5	300	273	117
10 way	■	■	2 - 6	■	3.0	300	345	117
14 way	6 - 16, 10 - 8	5 - 6	6 - 6	■	4.8	300	417	117
18 way	6 - 24, 10 - 16, 14 - 8	5 - 10, 9 - 6	10 - 6	6 - 6	5.7	300	489	117
27 way	14 - 32	■	■	10 - 10	8.9	530	417	117

Incomers			
Switch disconnecter		rating (A)	no of poles
SEA91252		125	2
Residual current circuit breaker 230/240vAC		rating (A)	no of poles
sensitivity (mA)			
SEA9R41263	30	63	2
SEA9R12263	100	63	2
SEA9R44263	300	63	2
SEA9211280	30	80	2
SEA9R12280	100	80	2
SEA9R14280	300	80	2
SEA9R15280	300 TD	80	2
SEA9R11291	30	100	2
SEA9R12291	100	100	2
SEA9R14291	300	100	2
SEA9R15291	300 TD	100	2
Terminal block		rating (A)	no of poles
SEA9TB1252		125	2

DIN rail only enclosures			
Reference	Description	number of rows	dimensions
SEA9DE16	8 SP way module enclosure	1	SEA9AN6
SEA9DE24	12 SP way module enclosure	1	SEA9AN10
SEA9DE32	16 SP way module enclosure	1	SEA9AN14
SEA9DE40	20 SP way module enclosure	1	SEA9AN18
SEA9DE64	32 SP way module enclosure	2	SEA9AN27

Accessories

Flush mounting kits		
Reference		no of ways
SEA9AN6FK	Flush mounting kit	6
SEA9AN10FK	Flush mounting kit	10
SEA9AN14FK	Flush mounting kit	14
SEA9AN18FK	Flush mounting kit	18
Distributed neutral kits		
Reference		no of ways
SEA9NA6	Distributed neut'l for 6 way SP+N	6
SEA9NA10	Distributed neut'l for 10 way SP+N	10
SEA9NA14	Distrib'd neut'l for 14 way SP+N	14
SEA9NA18	Distrib'd neut'l for 18 way SP+N	18
SEA9NA27	Distrib'd neut'l for 27 way SP+N	27
SEA9NKIT	Phase to neutral conversion kit (pack 4)	
Reference	Description	
SEA9BL	Door lock	
SEA9PD	Padlock kit for door	
SEA9BP	Blank pole	
SEA9BP25	Pack of 25 x 5 pole filler	
SEA9BP5	single 5 pole filler	
SEA9TB1001	100 amp terminal block 1 pole	
SEA9ANWL	SP&N LABELS	

Acti9 Isobar A type pan assemblies					
Reference		no of ways	height	width	depth
SEA9AN6PS	supplied without distributed neutral	6	202	200	87
SEA9AN10PS	supplied without distributed neutral	10	202	272	87
SEA9AN14PS	supplied without distributed neutral	14	202	344	87
SEA9AN18PS	supplied without distributed neutral	18	202	416	87