

Memguard Advantage DISTRIBUTION SYSTEM

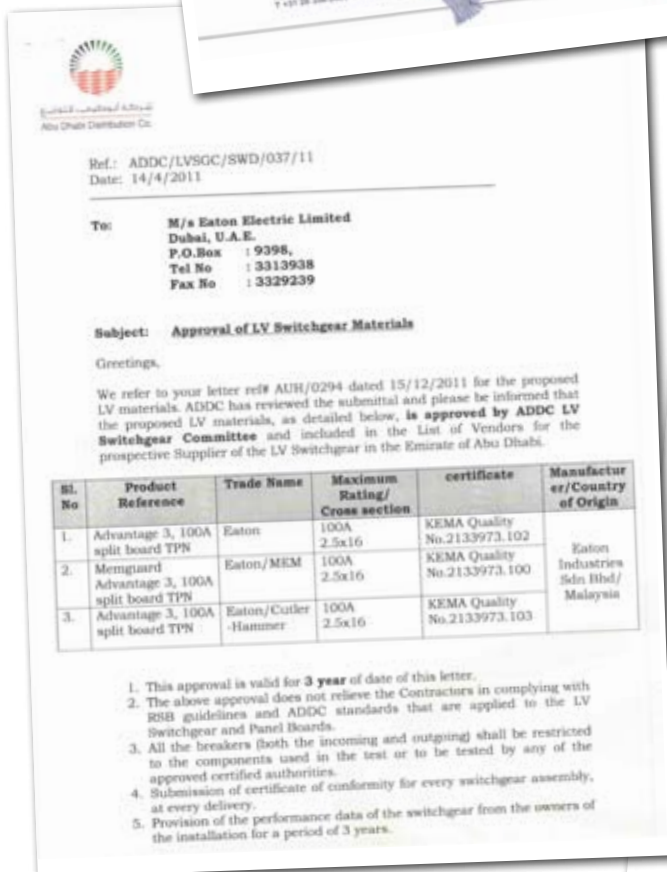
Product Guide

- MCB Single Phase Distribution Boards
- MCB Three Phase Distribution Boards



Powering Business Worldwide

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Advantage 3 range of single phase distribution boards normally come with horizontal busbar construction and available in a variety of outgoing ways. It is designed to accept a wide variety of incoming devices. They can also be configured for Double Pole applications. All boards comply with the requirements of BS EN 60439-3.



Surface Version



Flush Version

Features & benefits

- Incomer options for 100A Isolator or/and 40A-100A 30mA-300mA RCD to suit different applications
- 4-16 outgoing ways with associated choice of M6/M10 IEC60898 MCBs 1A-63A type B/C/D to suit commercial and industrial applications
- Busbar system available in both split and non-split variants
- Removable front door to aid accessibility to devices
- Epoxy coated electrogalvanized steel enclosure with ample wiring space
- Fully tinned busbars, neutral & earth terminals
- Fully shrouded incomer/busbar interconnections for increased safety
- IP3X construction
- Knock outs are provided on top/bottom
- In surface version - adjacent mounting is possible
- Removable glands plate in Flush version
- Available in RAL7004 with epoxy coating
- Large 25mm² earth and neutral terminals

Surface Version

SPN Distribution Board with Provision Incomer for either Isolator or RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	4ECAPS#/MMBK	4	100	226	109	220	2.6
	6ECAPS#/MMBK	6	100	262	109	220	2.9
	8ECAPS#/MMBK	8	100	298	109	220	3.3
	10ECAPS#/MMBK	10	100	334	109	220	3.6
	12ECAPS#/MMBK	12	100	370	109	220	3.9
	14ECAPS#/MMBK	14	100	406	109	220	4.2
	16ECAPS#/MMBK	16	100	442	109	220	4.5

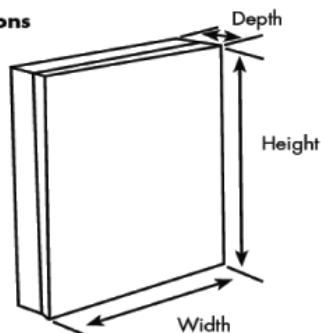
SPN Distribution Board with Provision Incomer for Isolator and RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	4ECASPS#/MMBK	4	100	262	109	220	3.0
	6ECASPS#/MMBK	6	100	298	109	220	3.3
	8ECASPS#/MMBK	8	100	334	109	220	3.6
	10ECASPS#/MMBK	10	100	370	109	220	3.8
	12ECASPS#/MMBK	12	100	406	109	220	4.2
	14ECASPS#/MMBK	14	100	442	109	220	4.6
	16ECASPS#/MMBK	16	100	478	109	220	5.1

SPN Distribution Board with Provision Incomer for Isolator and 2x RCDs

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	42ECASPPS#	4+2	100	298	109	220	4.6
	44ECASPPS#	4+4	100	334	109	220	5.1
	64ECASPPS#	8+4	100	370	109	220	5.8
	66ECASPPS#	6+6	100	406	109	220	6.2
	84ECASPPS#	8+4	100	406	109	220	6.2
	86ECASPPS#	8+6	100	442	109	220	6.8
	106ECASPPS#	10+6	100	478	109	220	7.2
	128ECASPPS#	12+8	100	550	109	220	7.9

Dimensions



Flush Version

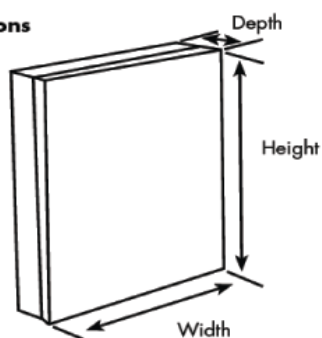
SPN Distribution Board with Provision Incomer for either Isolator or RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	4ECAPF#/MMBK	4	100	239	109	224	3.4
	6ECAPF#/MMBK	6	100	275	109	224	3.7
	8ECAPF#/MMBK	8	100	311	109	224	3.9
	10ECAPF#/MMBK	10	100	347	109	224	4.1
	12ECAPF#/MMBK	12	100	383	109	224	4.3
	14ECAPF#/MMBK	14	100	419	109	224	4.7
	16ECAPF#/MMBK	16	100	455	109	224	5.5

SPN Distribution Board with Provision Incomer for Isolator and RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	4ECASPF#/MMBK	4	100	275	109	224	3.5
	6ECASPF#/MMBK	6	100	311	109	224	3.8
	8ECASPF#/MMBK	8	100	347	109	224	4.1
	10ECASPF#/MMBK	10	100	383	109	224	4.5
	12ECASPF#/MMBK	12	100	419	109	224	5.0
	14ECASPF#/MMBK	14	100	455	109	224	5.4
	16ECASPF#/MMBK	16	100	491	109	224	6.1

Dimensions



The Advantage 3 range of three phase distribution boards normally come with vertical busbar construction, split and non-split, and available in a variety of outgoing ways.

It is designed to accept a wide variety of incoming devices.

All boards comply with the requirements of BS EN 60439-3.



Features & benefits

- Incomer options for 100A Isolator or 40A-100A 30mA-300mA RCD or up to 200A MCCB or 200A Switch Disconnecter or combination of devices to suit different applications
- Incomer provision boards supplied with shorting link
- 4-16 outgoing ways with associated choice of M6/M10 IEC 60898 MCBs 1A-63A type B/C/D to suit commercial and industrial applications
- Busbar system available in both split and non-split variants
- Improved cable clamp design for simple & secure cable connection
- Removable front door to aid accessibility to devices
- Epoxy coated electrogalvanized 1.2 mm steel enclosure with ample wiring space
- Fully tinned busbars, neutral & earth terminals
- Fully shrouded incomer/busbar interconnectors for increased safety
- IP3X construction
- Reliable & safe operation assured through KEMA testing & certifications
- Tested to 17kA-0.25 seconds Icw at 415V

Surface Version

TPN Distribution Board with Provision Incomer for either Isolator or RCD



Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
41ECBPS#	4	100	400	109	486	7.5
61ECBPS#	6	100	400	109	540	8.8
81ECBPS#	8	100	400	109	594	9.7
101ECBPS#	10	100	400	109	648	10.6
121ECBPS#	12	100	400	109	702	11.4
141ECBPS#	14	100	400	109	756	12.3
161ECBPS#	16	100	400	109	810	13.0

TPN Distribution Board with Provision Incomer for Isolator and RCD



Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
41ECBSPS#	4	100	400	109	486	7.8
61ECBSPS#	6	100	400	109	540	8.9
81ECBSPS#	8	100	400	109	594	9.8
101ECBSPS#	10	100	400	109	648	10.8
121ECBSPS#	12	100	400	109	702	11.6
141ECBSPS#	14	100	400	109	756	12.5
161ECBSPS#	16	100	400	109	810	13.2

TPN Split Distribution Board with Provision Incomer for Isolator and 2x RCDs



Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
221ECBSPPS#	2+2	100	400	109	540	10.3
241ECBSPPS#	2+4	100	400	109	594	12.2
281ECBSPPS#	2+8	100	400	109	702	13.2
421ECBSPPS#	4+2	100	400	109	594	12.2
441ECBSPPS#	4+4	100	400	109	648	11.7
461ECBSPPS#	4+6	100	400	109	702	12.8
621ECBSPPS#	6+2	100	400	109	648	11.7
641ECBSPPS#	6+4	100	400	109	702	12.8
661ECBSPPS#	6+6	100	400	109	756	13.7
681ECBSPPS#	6+8	100	400	109	810	14.7
841ECBSPPS#	8+4	100	400	109	756	13.8
861ECBSPPS#	8+6	100	400	109	810	14.7
881ECBSPPS#	8+8	100	400	109	864	13.7
1041ECBSPPS#	10+4	100	400	109	810	14.8

TPN Distribution Board with Provision Incomer for 100A MCCB

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	41ECBAPS#	4	100	400	109	540	8.7
	61ECBAPS#	6	100	400	109	594	9.1
	81ECBAPS#	8	100	400	109	648	9.8
	101ECBAPS#	10	100	400	109	702	10.3
	121ECBAPS#	12	100	400	109	756	11.1
	141ECBAPS#	14	100	400	109	810	12.0
	161ECBAPS#	16	100	400	109	864	13.1

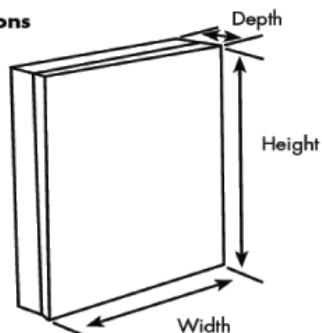
TPN Distribution Board with Fitted Switch Disconnecter Isolator as Incomer

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	42ECBSS#	4	200	400	136	540	12.4
	62ECBSS#	6	200	400	136	594	13.3
	82ECBSS#	8	200	400	136	648	14.0
	102ECBSS#	10	200	400	136	702	14.6
	122ECBSS#	12	200	400	136	756	15.2
	142ECBSS#	14	200	400	136	810	16.4
	162ECBSS#	16	200	400	136	864	17.2

TPN Distribution Board with Provision Incomer for 200A MCCB

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	42ECBAPS#	4	200	400	136	648	12.2
	62ECBAPS#	6	200	400	136	702	12.9
	82ECBAPS#	8	200	400	136	756	13.3
	102ECBAPS#	10	200	400	136	810	13.8
	122ECBAPS#	12	200	400	136	864	14.2
	142ECBAPS#	14	200	400	136	918	14.9
	162ECBAPS#	16	200	400	136	972	15.5

Dimensions



Flush Version

TPN Distribution Board with Provision Incomer for either Isolator or RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	41ECBPF#	4	100	421	109	499	8.2
	61ECBPF#	6	100	421	109	553	9.5
	81ECBPF#	8	100	421	109	607	10.4
	101ECBPF#	10	100	421	109	661	11.3
	121ECBPF#	12	100	421	109	715	12.0
	141ECBPF#	14	100	421	109	769	13.0
	161ECBPF#	16	100	421	109	823	13.7

TPN Distribution Board with Provision Incomer for Isolator and RCD

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	41ECBSPF#	4	100	421	109	499	8.4
	61ECBSPF#	6	100	421	109	553	9.7
	81ECBSPF#	8	100	421	109	607	10.6
	101ECBSPF#	10	100	421	109	661	11.5
	121ECBSPF#	12	100	421	109	715	12.2
	141ECBSPF#	14	100	421	109	769	13.2
	161ECBSPF#	16	100	421	109	823	13.9

TPN Split Distribution Board with Provision Incomer for Isolator and 2x RCDs

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	221ECBSPPF#	2+2	100	421	109	553	10.8
	241ECBSPPF#	2+4	100	421	109	607	12.7
	281ECBSPPF#	2+8	100	421	109	715	13.7
	421ECBSPPF#	4+2	100	421	109	607	12.7
	441ECBSPPF#	4+4	100	421	109	661	12.2
	461ECBSPPF#	4+6	100	421	109	715	13.3
	621ECBSPPF#	6+2	100	421	109	661	12.2
	641ECBSPPF#	6+4	100	421	109	715	13.2
	661ECBSPPF#	6+6	100	421	109	769	14.2
	681ECBSPPF#	6+8	100	421	109	823	15.2
	841ECBSPPF#	8+4	100	421	109	769	14.3
	861ECBSPPF#	8+6	100	421	109	823	15.2
	881ECBSPPF#	8+8	100	421	109	877	14.2
	1041ECBSPPF#	10+4	100	421	109	823	15.3

TPN Distribution Board with Provision Incomer for 100A MCCB

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	41ECBAPF#	4	100	421	109	553	9.3
	61ECBAPF#	6	100	421	109	607	10.0
	81ECBAPF#	8	100	421	109	661	10.7
	101ECBAPF#	10	100	421	109	715	11.5
	121ECBAPF#	12	100	421	109	769	12.2
	141ECBAPF#	14	100	421	109	823	12.9
	161ECBAPF#	16	100	421	109	877	14.0

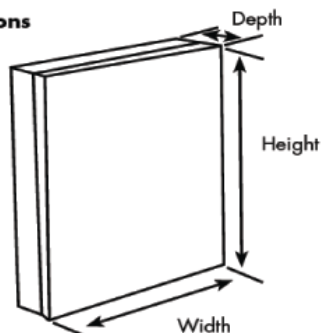
TPN Distribution Board with Fitted Switch Disconnecter Isolator as Incomer

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	42ECBSF#	4	200	421	136	553	13.0
	62ECBSF#	6	200	421	136	607	14.1
	82ECBSF#	8	200	421	136	661	14.9
	102ECBSF#	10	200	421	136	715	15.3
	122ECBSF#	12	200	421	136	769	15.9
	142ECBSF#	14	200	421	136	823	16.6
	162ECBSF#	16	200	421	136	877	17.0

TPN Distribution Board with Provision Incomer for 200A MCCB

	Ordering Codes	No. of Ways	Rating, A	Width, mm	Depth, mm	Height, mm	Weight, kg
	42ECBAPF#	4	200	421	136	661	12.8
	62ECBAPF#	6	200	421	136	715	13.4
	82ECBAPF#	8	200	421	136	769	14.1
	102ECBAPF#	10	200	421	136	823	14.9
	122ECBAPF#	12	200	421	136	877	15.7
	142ECBAPF#	14	200	421	136	931	16.2
	162ECBAPF#	16	200	421	136	985	17.0

Dimensions



Advantage 3 MCB Three Phase Distribution Board



Photo shown 12ways 'N' Terminal.

Neutral Terminal Bar Kit for Isolator and RCD Incomer

Kit contains:

- 1 Terminal Bar
- 2 or 3 Terminal bar support
- 1 "N" label
- 1 Numbering labels for N terminal bars
- 1 Copper cable connector

Ordering Codes	Description	Weight, kg
NTBK0001	100A Neutral Terminal For 4 ways	0.16
NTBK0002	100A Neutral Terminal For 6 ways	0.18
NTBK0003	100A Neutral Terminal For 8 ways	0.20
NTBK0004	100A Neutral Terminal For 10 ways	0.23
NTBK0005	100A Neutral Terminal For 12 ways	0.29
NTBK0006	100A Neutral Terminal For 14 ways	0.32
NTBK0007	100A Neutral Terminal For 16 ways	0.34



Photo shown 12ways Earth Terminal.

Earth Terminal Bar Kit for Isolator and RCD Incomer

Kit contains:

- 1 Terminal Bar
- 1 Numbering labels for Earth terminal bars

Ordering Codes	Description	Weight, kg
ETBK0001	100A Earth Terminal For 4 ways	0.09
ETBK0002	100A Earth Terminal For 6 ways	0.11
ETBK0003	100A Earth Terminal For 8 ways	0.13
ETBK0004	100A Earth Terminal For 10 ways	0.15
ETBK0005	100A Earth Terminal For 12 ways	0.19
ETBK0006	100A Earth Terminal For 14 ways	0.23
ETBK0007	100A Earth Terminal For 16 ways	0.26



Cable Kit for Split Distribution Board

Kit contains 15x cables:

- R/Y/B cable from Isolator to 1st RCD
- R/Y/B cable from Isolator to 2nd RCD
- R/Y/B cable from 2nd RCD to 2nd Busbar
- 2 N connector cable from Left/Right Split Neutral Terminal
- N connector cable from 2nd RCD To 2nd Split Neutral Terminal
- N connector cable from 1st RCD To 1st Split Neutral Terminal
- N connector cable from Neutral Terminal Incomer To 1st RCD
- N connector cable from Neutral Terminal Incomer To 2nd RCD

Ordering Codes	Description	Weight, kg
CCK0001	Connector Cable for 2 + 2/4/6/8 ways	0.89
CCK0002	Connector Cable for 4 + 2/4/6/8 ways	0.92
CCK0003	Connector Cable for 6 + 2/4/6/8 ways	0.95
CCK0004	Connector Cable for 8 + 2/4/6/8 ways	0.98
CCK0005	Connector Cable for 10 + 2/4 ways	1.01

Pad Lock

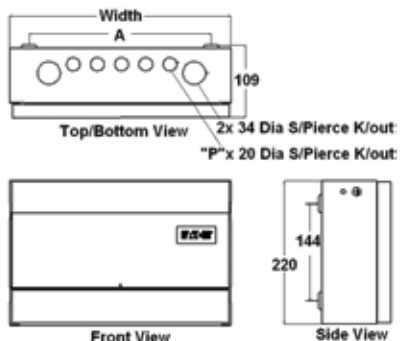
Ordering Codes	Description	Weight, kg
PLK0001	Pad Lock	0.03

Blanking Plates

Ordering Codes	Description	Weight, kg
1QBP	Blanking Plates for 1 ways	0.01

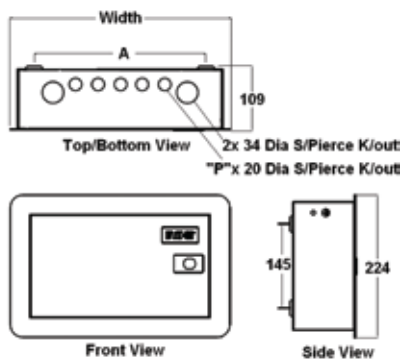
Advantage 3 MCB Single Phase Distribution Boards

Surface Version



Width, mm	A, mm	P' Hole
226	163	2
262	199	3
298	235	4
334	271	5
370	307	6
406	343	7
442	379	8
478	415	9
550	451	10

Flush Version

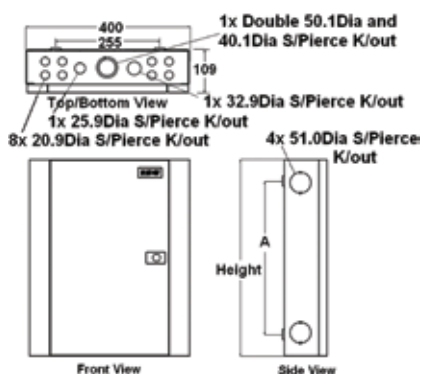


Width, mm	A, mm	P' Hole
239	163	2
275	199	3
311	235	4
347	271	5
383	307	6
419	343	7
455	379	8
491	415	9

Advantage 3 MCB Three Phase Distribution Boards

Surface Version

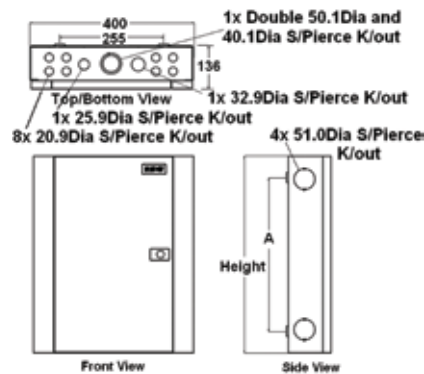
Depth: 109mm



Height, mm	A, mm
486	378
540	432
594	486
648	540
702	594
756	648
810	702
864	756

Surface Version

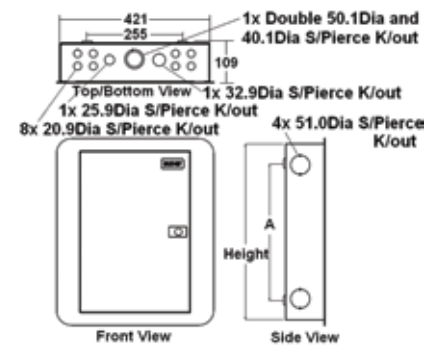
Depth: 136mm



Height, mm	A, mm
486	378
540	432
594	486
648	540
702	594
756	648
810	702
864	756

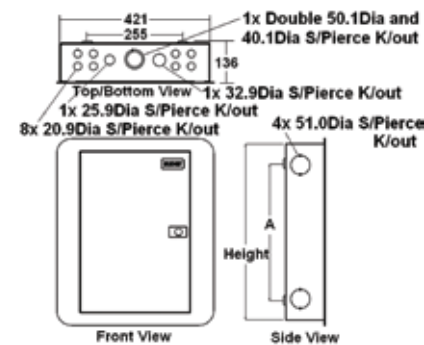
Flush Version

Depth: 109mm



Height, mm	A, mm
499	378
553	432
607	486
661	540
715	594
769	648
823	702
877	756

Depth: 136mm



Height, mm	A, mm
499	378
553	432
607	486
661	540
715	594
769	648
823	702
877	756



EAT•N

The power of fusion.



EAT•N

Powering Business Worldwide

There's a certain energy at Eaton. It's the power of uniting some of the world's most respected names to build a brand you can trust to meet every power management need. The energy created supports our commitment to powering business worldwide.

From power distribution to power quality and control, Eaton allows you to proactively manage your complete power system by providing electrical solutions that make your applications safer, more reliable, and highly efficient. Visit www.eaton.com/electrical.

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Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve our customers' most critical challenges.

Our focus is on delivering the right solution for the application. But, decision makers demand more than just innovative products. They turn to Eaton for an unwavering commitment to personal support that makes customer success a top priority. For more information, **visit www.eaton.com/seasia**.

Electrical Sector Asia Pacific

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