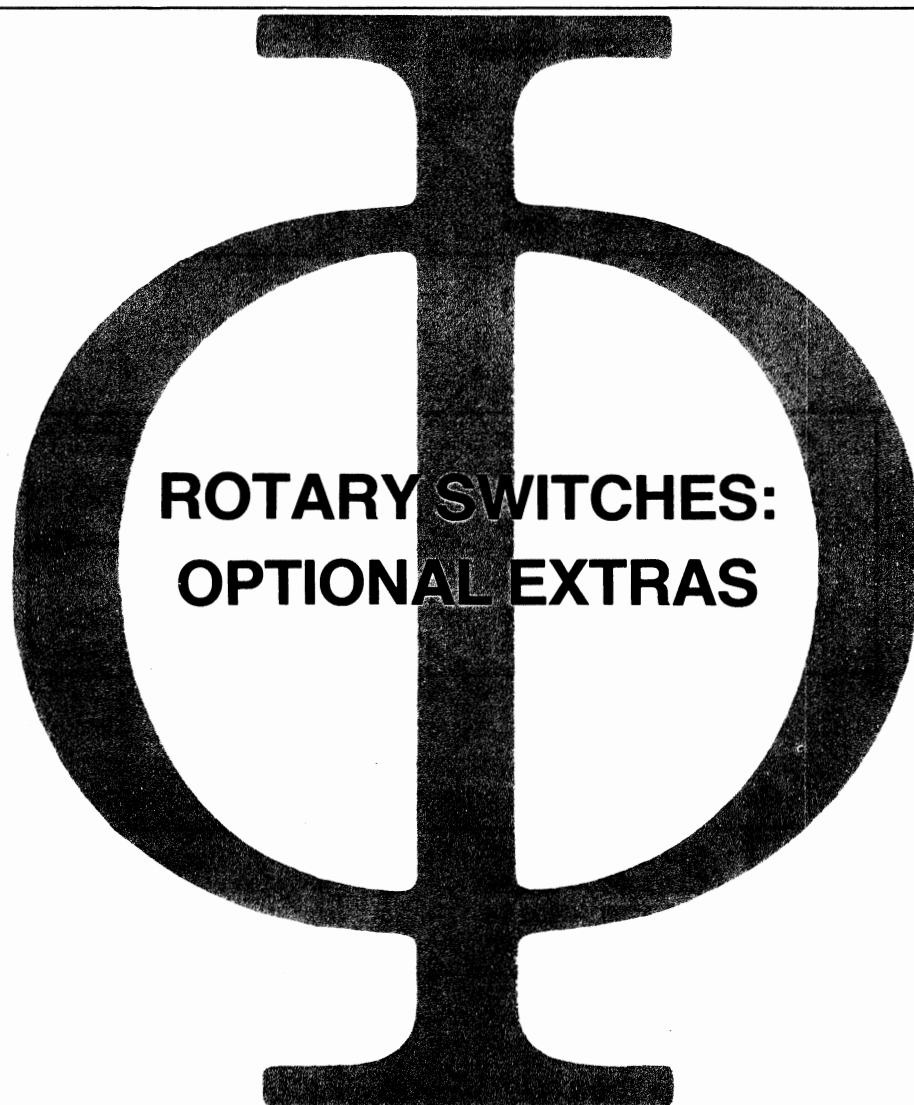
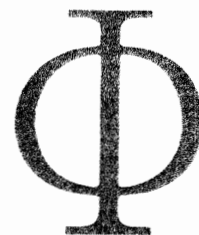

KRAUS & NAIMER
BLUE LINE SWITCHGEAR

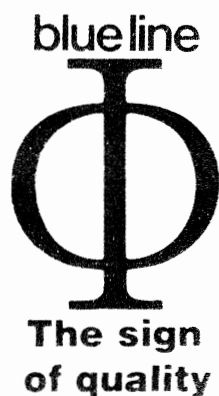


**ROTARY SWITCHES:
OPTIONAL EXTRAS**

The sign of quality

INSIDE: More Competitive Pricing

July 1984
No. 29

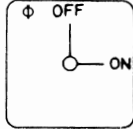


**DON'T START
WITHOUT US**

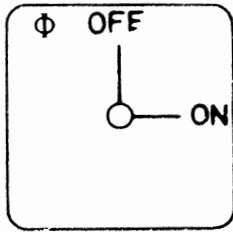
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K & N BLUE LINE ROTARY CAM SWITCHES

OFF — ON SINGLE POLE PANEL MOUNT

AMPS ¹⁾ lth2	AC3 ²⁾ 415 V		CODE NUMBER	ESCUTCHEON PLATE	PRICE
	KW	HP			
12	3	4	C10 A290 — 621 E		20.40
20	7.5	10	C17 A290 — 621 E		27.70
32	11	15	C26 A290 — 621 E		44.00
40	13	21.5	C32 A290 — 621 E		63.10

OFF — ON TRIPLE POLE PANEL MOUNT

12	3	4	C10 A292 — 621 E		29.30
20	7.5	10	C17 A292 — 621 E		41.10
32	11	15	C26 A292 — 621 E		62.70
40	13	21.5	C32 A292 — 621 E		89.90
55	18.5	25	C42 A292 — 621 E		103.40
80	30	40	C80 A292 — 621 E		142.30
125	37	50	C125 A292 — 621 E		241.20
250	55	75	C250 A292 — 621 E		413.10

OFF — ON SINGLE POLE WEATHERPROOF NYLON BOX (IP65)³⁾

12	3	4	C10 A290 — 600 PF		29.80
20	7.5	10	C17 A290 — 600 PF		48.50
32	11	15	C26 A290 — 600 PF		63.00
40	13	21.5	C32 A290 — 600 PF		93.70

OFF — ON TRIPLE POLE WEATHERPROOF NYLON BOX (IP65)³⁾

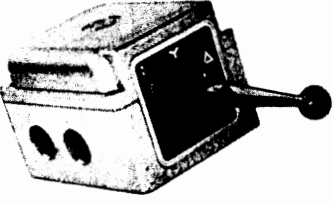
12	3	4	C10 A292 — 600 PF		39.30
20	7	10	C17 A292 — 600 PF		61.90
32	11	15	C26 A292 — 600 PF		77.20
40	13	21.5	C32 A292 — 600 PF		130.70
55	18.5	25	C42 A292 — 600 PF		144.20

Prices quoted include handles and standard engraved escutcheon plates. All switch escutcheons can be engraved with additional information at an extra charge.

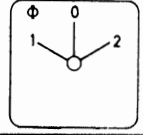
1) lth2, Continuous Current-resistive. 2) AC3 415V—Squirrel cage motor, starting, switching off during running. 3) IP65—Refer Page 4.
LARGER SIZE SWITCHES ARE AVAILABLE EITHER PANEL MOUNT, OR ENCLOSED, ON REQUEST

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K & N BLUE LINE ROTARY CAM SWITCHES

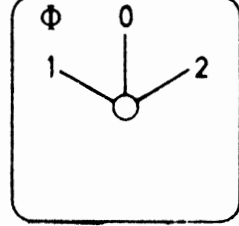
OFF — ON TRIPLE POLE ALUMINIUM ENCLOSURE. (IP54)³⁾

AMPS ¹⁾ lth2	AC3 ²⁾ 415 V		CODE NUMBER	DESCRIPTION	PRICE
	KW	HP			
12	3	4	C10 A292 — 600 GK		65.90
20	7.5	10	C17 A292 — 600 GK		89.10
32	11	13	C26 A292 — 600 GK		120.90
40	13	21.5	C32 A292 — 600 GK		148.10
55	18.5	25	C42 A292 — 600 GK		233.60
80	30	40	C80 A292 — 600 GK		258.30
125	37	50	C125 A292 — 600 GK		464.60

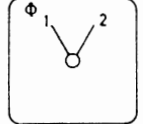
CHANGE OVER WITH OFF, SINGLE POLE, PANEL MOUNT

12	3	4	C10 A210 — 600 E		24.00
20	7.5	10	C17 A210 — 600 E		32.20
32	11	15	C26 A210 — 600 E		49.20
40	13	21.5	C32 A210 — 600 E		71.60

CHANGE OVER WITH OFF, TRIPLE POLE, PANEL MOUNT

12	3	4	C10 A212 — 600 E		41.90
20	7.5	10	C17 A212 — 600 E		58.60
32	11	13	C26 A212 — 600 E		87.50
40	13	21.5	C32 A212 — 600 E		125.40
55	18.5	25	C42 A212 — 600 E		146.50
80	30	40	C80 A212 — 600 E		218.50
125	37	50	C125 A212 — 600 E		362.90
250	55	75	C250 A212 — 600 E		613.40

CHANGE OVER WITHOUT OFF, SINGLE POLE, PANEL MOUNT

12	3	4	C10 A220 — 600 E		24.00
20	7.5	10	C17 A220 — 600 E		32.20
32	11	15	C26 A220 — 600 E		50.10
40	13	21.5	C32 A220 — 600 E		71.60

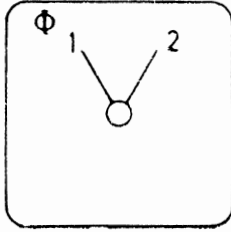
Prices quoted include handles and standard engraved escutcheon plates. All switch escutcheons can be engraved with additional information at an extra charge.

1) lth2 — Continuous Current, Resistive. 2) AC3 415V —Squirrel cage motor, starting, switching off during running. 3) IP 54 —Refer Page 4

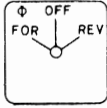
LARGER SIZE SWITCHES ARE AVAILABLE EITHER PANEL MOUNT, OR ENCLOSED, ON REQUEST.

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K & N BLUE LINE ROTARY CAM SWITCHES

CHANGE OVER WITHOUT OFF, PANEL MOUNT TRIPLE POLE

AMPS ¹⁾ lth2	AC3 ²⁾ 415 V		CODE NUMBER	ESCUTCHEON PLATE	PRICE
	KW	HP			
12	3	4	C10 A222 — 600 E		41.90
20	7.5	10	C17 A222 — 600 E		58.60
32	11	15	C26 A222 — 600 E		87.50
40	13	21.5	C32 A222 — 600 E		125.40
55	18.5	25	C42 A222 — 600 E		146.50
80	30	40	C80 A222 — 600 E		218.50
125	37	50	C125 A222 — 600 E		362.90
250	55	75	C250 A222 — 600 E		613.40

MOTOR CONTROL SWS. 3 POLE REVERSING, PANEL MOUNT

12	3	4	C10 A401 — 620 E		38.30
20	7.5	10	C17 A401 — 620 E		54.50
32	11	15	C26 A401 — 620 E		81.40

3 PHASE REVERSING WITH SPLASH PROOF ENCLOSURE (IP 44)³⁾

12	3	4	C10 A401 — 600 PN		44.80
20	7.5	10	C17 A401 — 600 PN		75.50
32	11	15	C26 A401 — 600 PN		101.00

SINGLE PHASE REVERSING SWITCH

12	3	4	C10 A622 — 600 E	PANEL Mount for-off-rev. Enclosed for-off-rev.	41.90
12	3	4	C10 A622 — 600 PN		48.40

MISCELLANEOUS MOTOR CONTROL SWS. PANEL MOUNT

12	3	4	C10 A176 — 600 E Spring return to centre		24.00
12	3	4	C10 A178 — 600 E Spring return from start to run		24.00

2 SPEED SINGLE WINDING PANEL MOUNT

12	3	4	C10 A441 — 600 E		50.50
20	7.5	10	C17 A441 — 600 E		72.00

Prices quoted include handles and standard engraved escutcheon plates. All switch escutcheons can be engraved with additional information at an extra charge.

1) lth2 — Continuous Current, Resistive. 2) AC3 415V—Squirrel cage motor, starting, switching off during running. 3) IP 44—Refer Page 4

LARGER SIZE SWITCHES ARE AVAILABLE EITHER PANEL MOUNT, OR ENCLOSED, ON REQUEST.

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K & N BLUE LINE ROTARY CAM SWITCHES

MANUAL STAR DELTA, PANEL MOUNT

AMPS ¹⁾ lth2	AC3 ²⁾ 415 V		CODE NUMBER	ESCUTCHEON PLATE	PRICE
	KW	HP			
12	3	4	C10 A410 — 600 E		50.50
20	7.5	10	C17 A410 — 600 E		72.00

VOLT METER SWITCHES, PANEL MOUNT

12			C10 A004 — 623 E	OFF, RY, YB, BR. Ph-Ph.	33.80
12			C10 A005 — 622 E	OFF RN, YN, BN. Ph-N	33.80
12			C10 A007 — 621 E	BR, YB, RY, OFF, RN. YN. BN, Ph-Ph, Ph-N	42.70

AMMETER SWITCHES, PANEL MOUNT

12			C10 A048 — 622 E	OFF, R, Y, B. C.T's only	44.00
12			C10 A038 — 621 E	OFF, R, Y, B.	58.20
20			C17 A038 — 621 E	CT OR DIRECT IN LINE	81.80
32			C26 A038 — 621 E	CT OR DIRECT IN LINE	120.10

Prices quoted include handles and standard engraved escutcheon plates. All switch escutcheons can be engraved with additional information at an extra charge.

1) lth2 — Continuous Current, Resistive. 2) AC3 415V—Squirrel cage motor, starting, switching off during running.

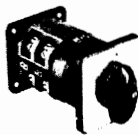
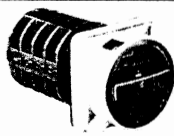
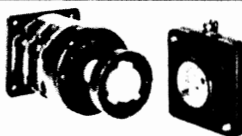
LARGER SIZE SWITCHES ARE AVAILABLE EITHER PANEL MOUNT, OR ENCLOSED, ON REQUEST.

CLASSIFICATION OF PROTECTION

- IP 44 Protection against contact with live or moving parts inside the enclosure by tools, wires, or objects of thickness greater than 1mm liquid splashed from any direction under stated conditions shall have no harmful effect.
- IP 54 Protection against harmful deposits of dust. The ingress of dust is not totally prevented, but dust cannot enter in an amount sufficient to interfere with satisfactory operation of the equipment enclosed. Liquid splashed from any direction under stated conditions shall have no harmful effect.
- IP 65 Complete protection against contact with live or moving parts inside the enclosure. Water projected by a nozzle from any direction under stated conditions shall have no harmful effect.

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K & N BLUE LINE ROTARY CAM SWITCHES

K & N BLUE LINE
OPTIONAL ACCESSORIES

FOR SW TYPE	TYPE No.	NAME	DESCRIPTION	PRICE
C 10 — C 17 C 18 — C 42 C 43 — C 125 C 250 — L 2000	S0 VE S1 VE S2 VE S3 VE	Base Mounting		1.00 1.80 5.90 16.70
C 10 — C 17 C 18 — C 42 C 43 — C 125 C 250 — L 2000	S0 M004 S1 M004 S2 M004 S3 M004	Extension Shaft		5.70 7.70 10.40 25.60
C 10 — C 17 C 18 — C 42 C 43 — C 125 C 250 — L 2000	S0 V840 S1 V850 S2 V850 S3 V850	Padlock Device		1.20 26.50 34.60 50.90
C 10 — C 17 C 18 — C 42 C 43 — C 125 C 250 — L 2000	S0 V760 S1 V760 S2 V760 S3 V760	Cylinder Lock Programmeable		44.40 60.10 71.50 166.70
C 10 — C 17 C 18 — C 42	S0 V750 S1 V750	Key Operated		22.40 24.90
C 10 — C 17 C 18 — C 42 C 43 — C 125 C 250 — L 2000	S0 M280 D S1 M280 D S2 M280 D S3 M280 D	Door Clutch		16.10 24.20 34.40 46.80

Prices quoted include handles and standard engraved escutcheon plates. All switch escutcheons can be engraved with additional information at an extra charge.

The K & N Blue Line range of switches encompasses over 600 standard designs incorporating up to 144 contacts and 36 positions. However, if the switch needed is not covered here, or master catalogue 100, we will design it for you.

MANY MORE STANDARD SWITCHES AND OPTIONAL EXTRAS ARE AVAILABLE.
Refer Cat. 100 and Cat. 101