DUAL ENTRY KEY OPERATED SAFETY INTERLOCK NOMENCLATURE

GK ___ ___ ___ ___ ___ ___ ___

BODY / INDICATOR		CONDUIT		BASIC (9)		HEAD		KEY		MODIFICATION CODE (12)
B	NO INDICATOR	A	1/2 NPT	1	SNAP ACTION 1 NC - 1 NO, A600	L	OPENING TO FRONT AND TOP	6	STRAIGHT	
C	SINGLE LED INDICATOR	B	PG 13.5	2	SNAP ACTION 2 NC - 2 NO, A600	M	OPENING TO RIGHT AND TOP	7	90 DEGREE	F06
D	DOUBLE LED INDICATOR	C	20 MM	3	SLOW ACTING 1 NC - 1 NO BBM, A600	N	OPENING TO BACK AND TOP	8	UP-DOWN - SPRING LOADED	FW
		D	PF 1/2	4	SLOW ACTING 1 NC - 1 NO MBB, A600	P	OPENING TO LEFT AND TOP	9	SIDE-SIDE - SPRING LOADED	
				6	SLOW ACTING 2 NC, A500			X	NO KEY	
				7	SNAP ACTION 1 NC - 1 NO - GOLD, A600					
				10	SLOW ACTING 4 NC, A300					
				12	SLOW ACTING 2 NC - 1 NO BBM, A300					
				14	SLOW ACTING 2 NC - 2 NO BBM, A300					
				16	SLOW ACTING 3 NC - 1 NO BBM, A300					
				30	SLOW ACTING 4 NC - GOLD, A300					
				32	SLOW ACTING 2 NC - 1 NO BBM - GOLD, A300					
				34	SLOW ACTING 2 NC - 2 NO BBM - GOLD, A300					
				36	SLOW ACTING 3 NC - 1 NO BBM - GOLD, A300					

NOTES
1 - ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY, HEAD AND COVER FINISHED WITH EPOXY PAINT
2 - MINIMUM OPERATING VELOCITY (Vmin) = 10 mm/S
.39 in/S
MAXIMUM OPERATING VELOCITY (Vmax) = 1 M/S
39.4 in/S
MAXIMUM OPERATING FREQUENCY (Fmax) = 100 OPS/MIN
3 - NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT FREEPORT/NEWHOUSE APPROVAL
4 - INSERTION FORCE = 35N NOM
8 LB
EXTRACTION FORCE = 28 N NOM
6 LB
5 - SNAP ACTION N.C. CONTACTS: POSITIVE OPENING
SLOW MAKE AND BREAK N.C. CONTACTS: DIRECT ACTING
6 - WHEN KEY IS INSERTED: N.C. TERMINALS ARE 11/12, 21/22, 31/32 AND/OR 41/42
N.O. TERMINALS ARE 13/14, 23/24, 33/34 AND/OR 43/44
(7) THE MAXIMUM VOLTAGE, Ve OF GKC AND GKD SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS: 12 TO 250 VAC/DC FOR GKC AND 18 TO 30 VDC FOR GKD
8 - THE LEFT INDICATOR IS GREEN AND IS INTENDED TO INDICATE "POWER ON". THIS FEATURE IS ON GKD SERIES PRODUCTS ONLY.
THE RIGHT INDICATOR IS YELLOW AND IS INTENDED TO INDICATE "OUTPUT STATUS". THIS FEATURE IS ON GKC AND GKD SERIES PRODUCTS ONLY
(9) SEE BASIC SWITCH COLUMN FOR VOLTAGE RATING
(10) - T-15 TAMPER PROOF TORX DRIVER BIT PROVIDED
(11) SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
(12) - FOR CONNECTOR AND CIRCUIT DETAILS OF MODIFICATION CODE, REFER PAGE 7 FOR CODE F06, PAGE 8 FOR CODE FW

ELECTRICAL RATING (7)				ENVIRONMENTAL	APPROVALS
AC		DC		IP 67 NEMA 1, 4, 12 & 13	
A300/A600 Ue (9)	AC15 Ie	Q300 Ue	DC13 Ie	TEMP RANGE: -25°C TO 85°C -13°F TO 185°F	
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)	STORAGE: -40°C TO 85°C -40°F TO 185°F	IEC 947-5-1
120	6	24	2.8	SHOCK: 50G PER IEC 68-2-27	EN50041
240	3	125	.55	VIBRATION: 10G PER IEC 68-2-6	
380	1.9	250	.27		
480	1.5				
500	1.4				
600	1.2				
Ith = 10A					

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FED. MFG. CODE 91929

SWITCH - LIMIT

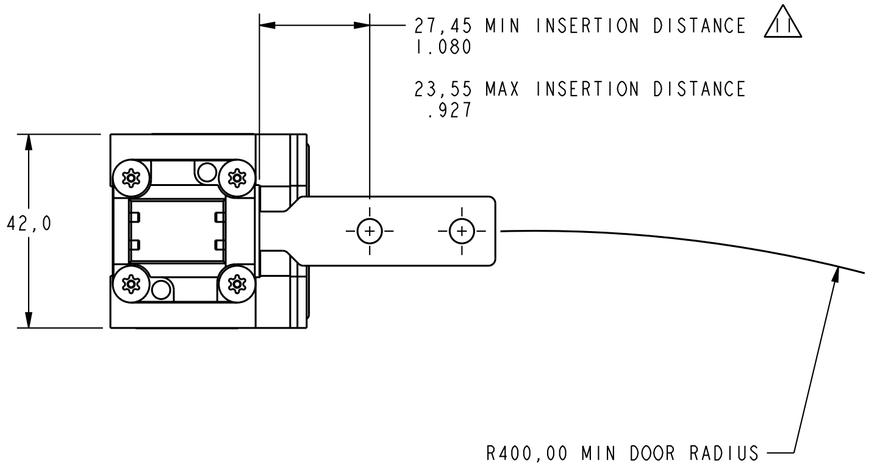
CATALOG LISTING
GK SERIES CHART 3

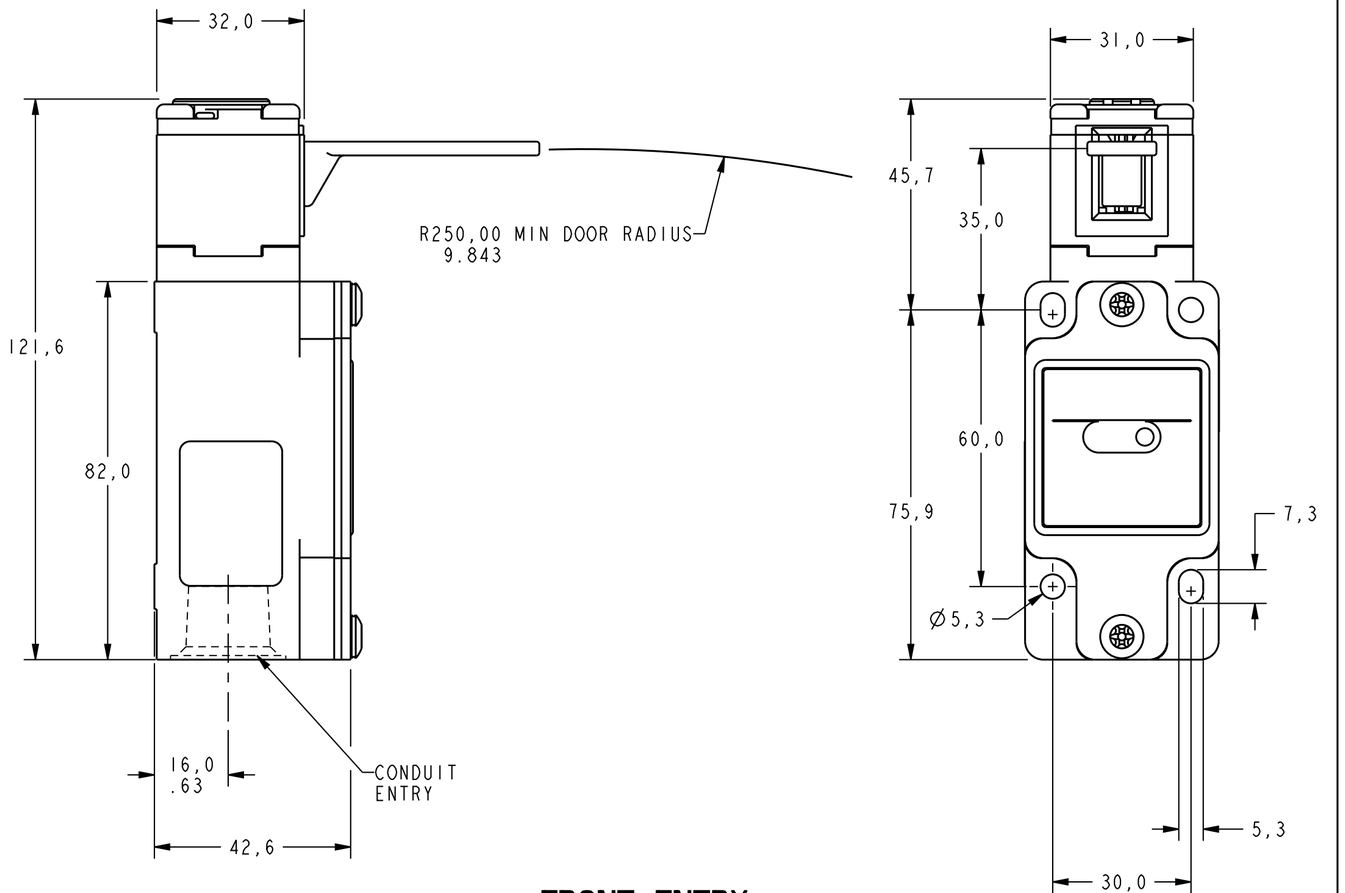
THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0) ±.030
TWO PLACES (.00) ±.015
THREE PLACES (.000) ±.005
ANGLES ±
WEIGHT APPROX .5 KG / 1 LB

ANSI Y14.5M-1982 APPLIES

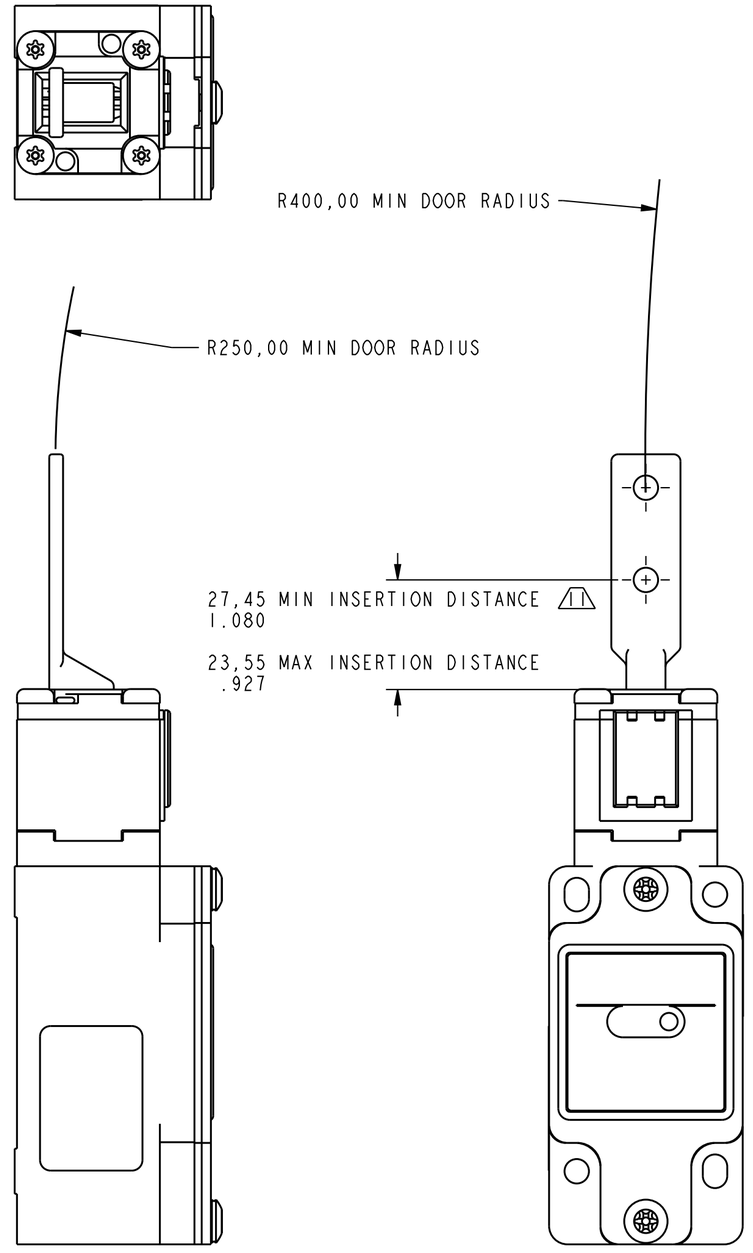
PTC/CAD 3D | DRAWN MAM 28 AUG 98 | CHECK JAF 12MAY99 | DVM 21SEP06 | CMH 10NOV11 | ISSUE 32 | DRAWING NUMBER | RELEASE NO. PR-23758 | PAGE 1 OF 8 | GK SERIES CHART 3 | REPLACES

REVISIONS
L 0083578 MBH 10NOV11
B 206443 JLH 13SEP02
C 206976 JLH 27NOV02
D 207003 GLH 4DEC02
E 207211 TSW 15JAN03
F 207576 TSW 5MAR03
G 0000385 GLH 2JUN03
H 0025008 BNA 21SEP06
J 0047425 LK 07JAN09
K 0065737 PRS 28MAY10





FRONT ENTRY



TOP ENTRY

THIRD ANGLE PROJECTION	
SCALE	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) ±.030
TWO PLACES	(.00) ±.015
THREE PLACES	(.000) ±.005
ANGLES	±
WEIGHT APPROX .5 KG / 1LB	

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SWITCH - LIMIT

CATALOG LISTING
GK SERIES CHART 3

ANSI Y14.5M-1982 APPLIES

PTC/CAD 3D

DRAWN	MAM	28 AUG 98	
CHECK	JAF	12MAY99	
CHECK	DVM	21SEP06	
CHECK	CMH	10NOV11	
RELEASE NO.	PR-23758		
PAGE	2 OF 8		
DRAWING NUMBER			
ISSUE	32		

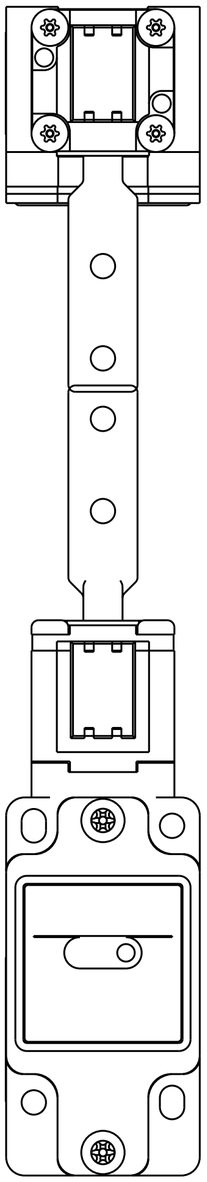
REVISIONS

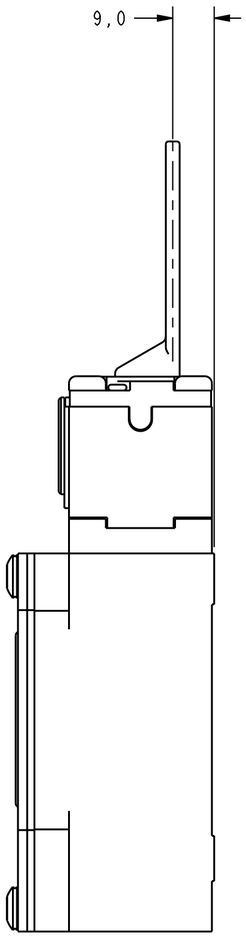
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B	206443	JLH 13SEP02	
C	206976	JLH 27NOV02	
D	207003	GLH 4DEC02	
E	207211	TSW 15JAN03	
F	207576	TSW 5MAR03	
G	0000385	GLH 2JUN03	
H	0025008	BNA 21SEP06	
J	0047425	LK 07JAN09	
K	0065737	PRS 28MAY10	

REPLACES

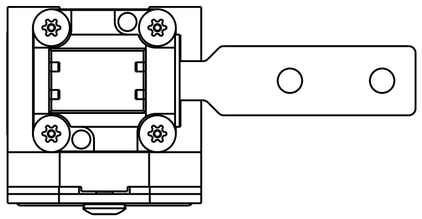
GK SERIES CHART 3

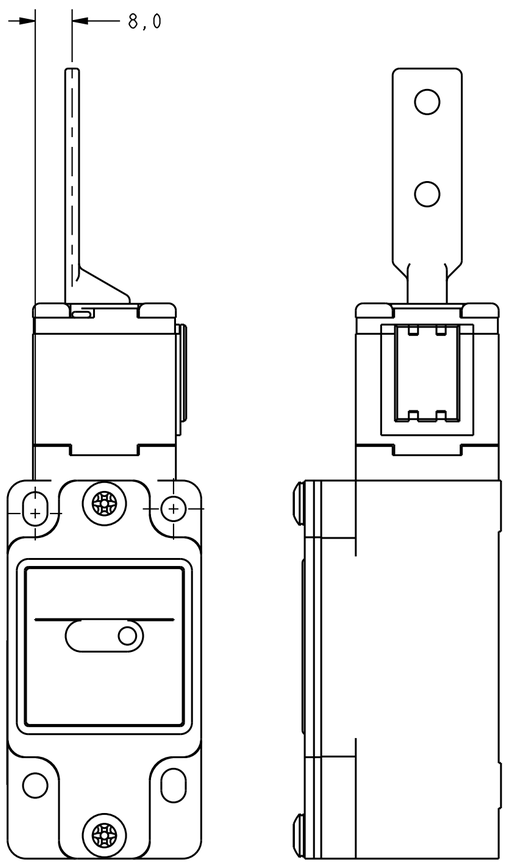
GK SERIES CHART 3



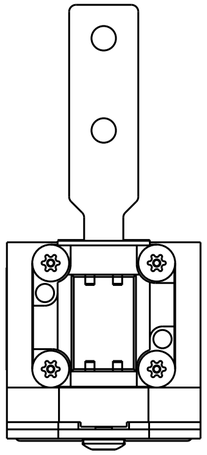


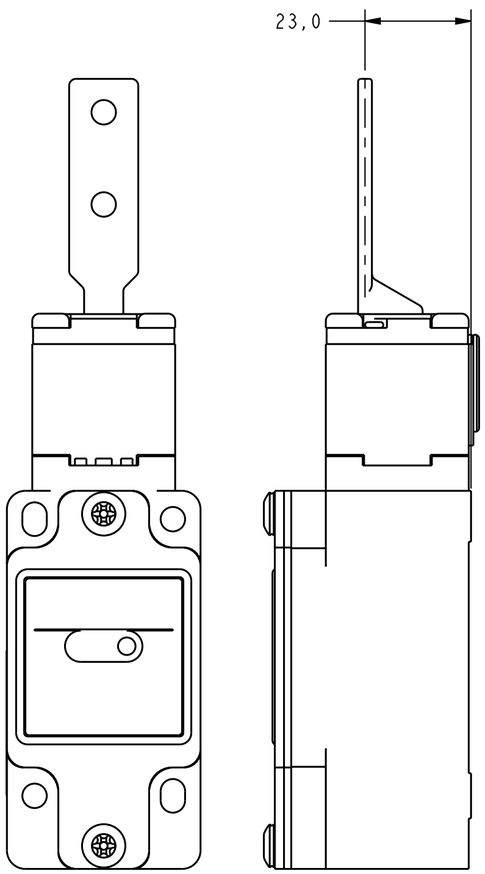
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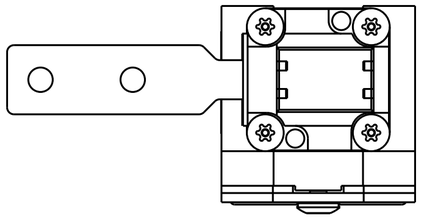


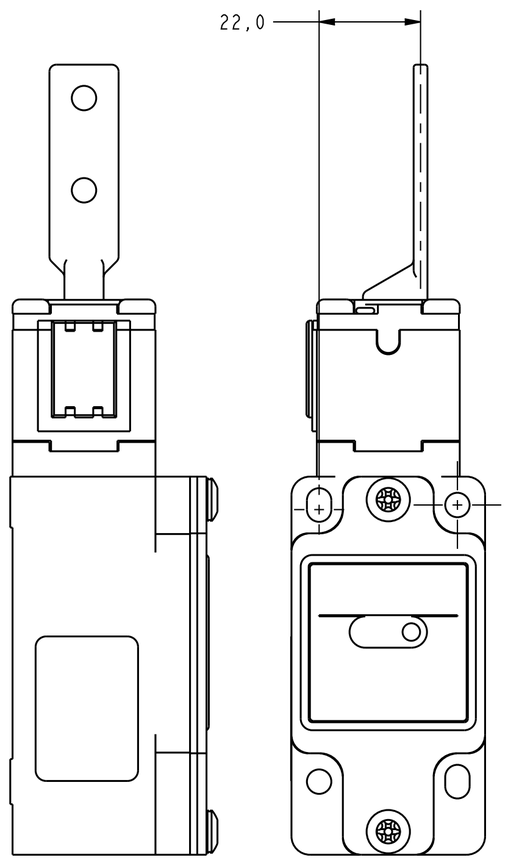
HEAD CODE M





HEAD CODE N





HEAD CODE P

PTC/CAD 3D

DRAWN	CHECK	ISSUE	DRAWING NUMBER	RELEASE NO. PR-23758	PAGE 3 OF 8	GK SERIES CHART 3	REPLACES
MAM 31 AUG 98	CMH 10NOV11	32					

REVISIONS				
		CHECK	DVM	CHECK
L	0083578	MBH 10NOV11	21SEP06	
B	206443	JLH 13SEP02		
C	206976	JLH 27NOV02		
D	207003	GLH 4DEC02		
E	207211	TSM 15JAN03		
F	207576	TSM 5MAR03	12MAY99	JAF
G	0000385	GLH 2JUN03		
H	0025008	BNA 21SEP06		
J	0047425	LK 07JAN09		CHECK
K	0065737	PRS 28MAY10		

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SWITCH - LIMIT

CATALOG LISTING
GK SERIES CHART 3

THIRD ANGLE PROJECTION

SCALE FULL

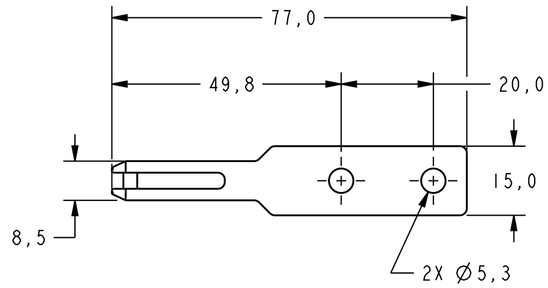
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UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

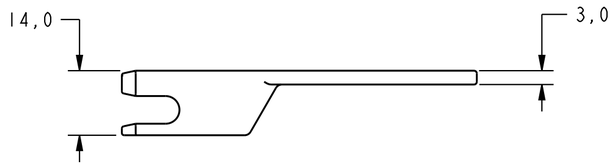
ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT APPROX .5 HG / 1 LB

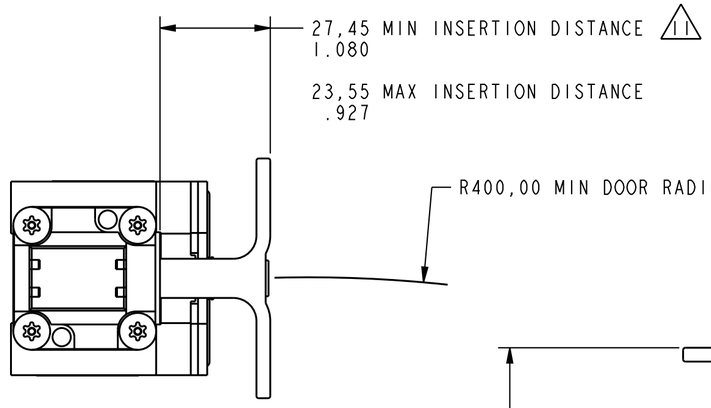
ANSI Y14.5M-1982 APPLIES

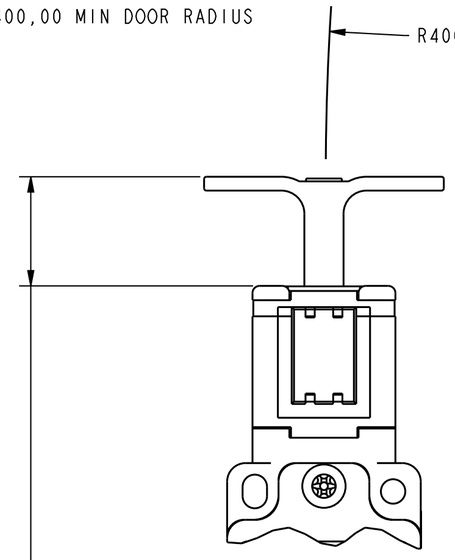




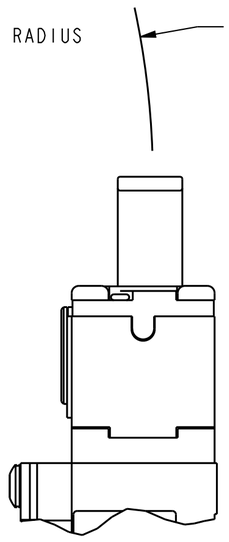


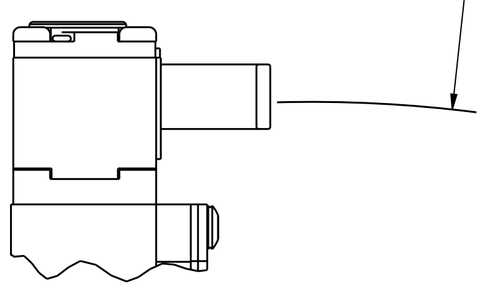
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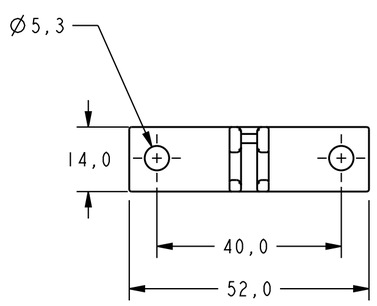


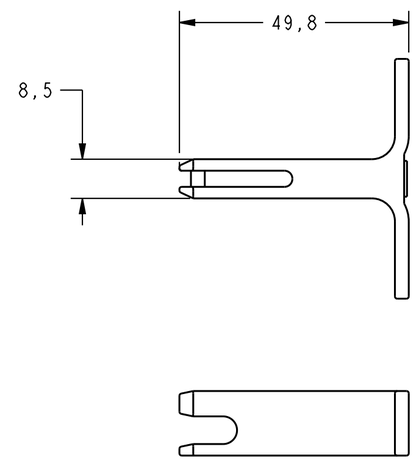
TOP ENTRY





FRONT ENTRY





KEY CODE 7

GK SERIES CHART 3 | PAGE 4 OF 8 | RELEASE NO. PR-23758 | ISSUE 32 | DRAWING NUMBER | 10NOV11 CMH | PTC/CAD 3D | DRAWN 31 AUG 98 MAM

REVISIONS
L 0083578 MBH 10NOV11 21SEP06
B 206443 JLH 13SEP02
C 206976 JLH 27NOV02 DVM
D 207003 GLH 4DEC02 CHECK
E 207211 TSW 15JAN03
F 207576 TSW 5MAR03 12MAY99
G 0000385 GLH 2JUN03
H 0025008 BNA 21SEP06 JAF
J 0047425 LK 07JAN09 CHECK
K 0065737 PRS 28MAY10

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FED. MFG. CODE 91929

SWITCH - LIMIT

CATALOG LISTING
GK SERIES CHART 3

THIRD ANGLE PROJECTION

SCALE FULL

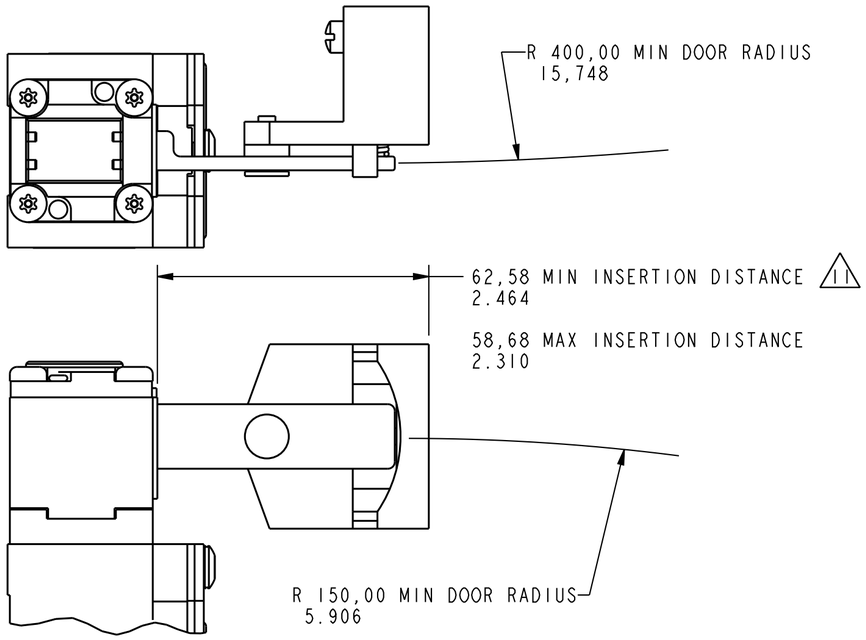
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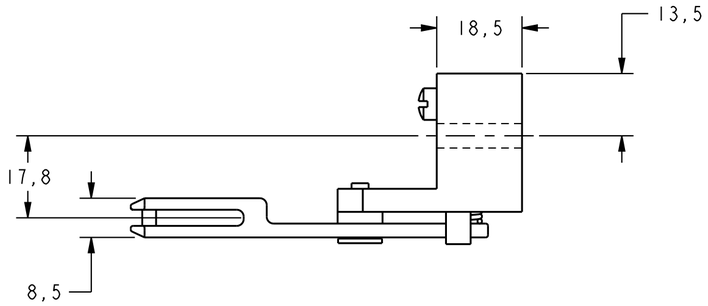
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

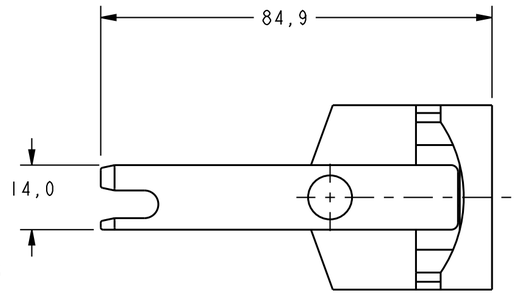
ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

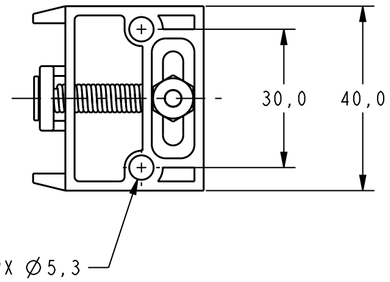
WEIGHT APPROX .5 KG / 1 LB

ANSI Y14.5M-1982 APPLIES

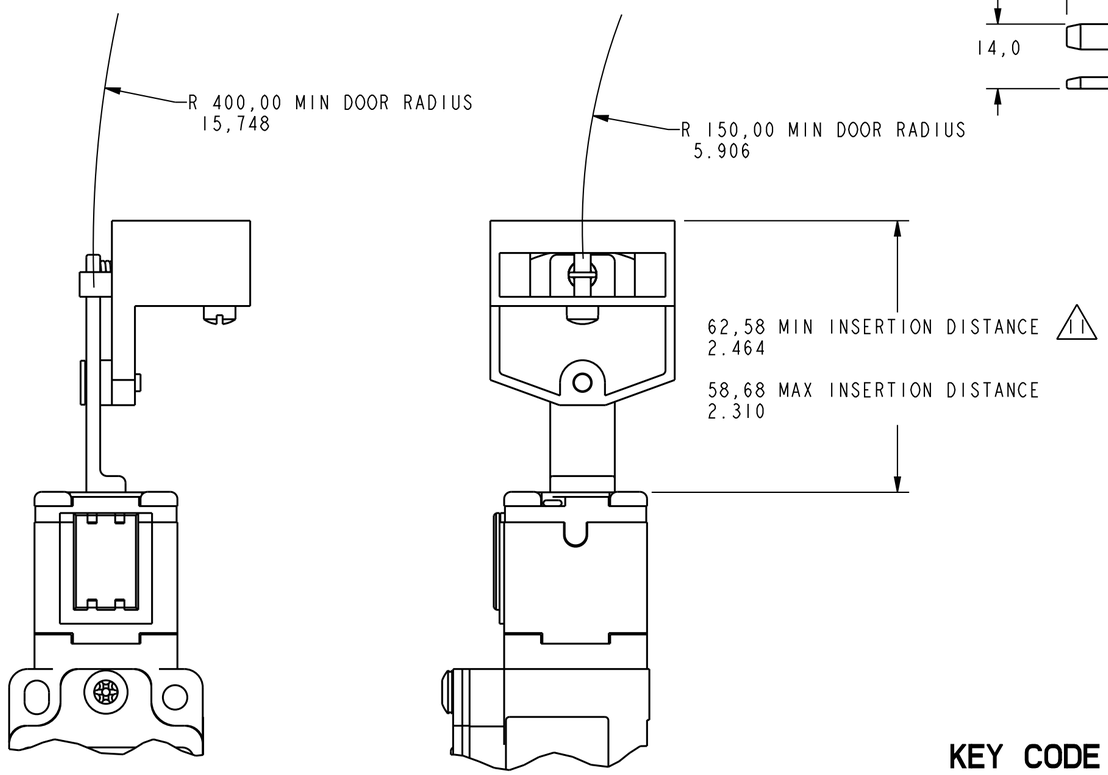








FRONT ENTRY



TOP ENTRY

KEY CODE 8

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SWITCH - LIMIT

CATALOG LISTING
GK SERIES CHART 3

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT APPROX .5 KG / 1 LB

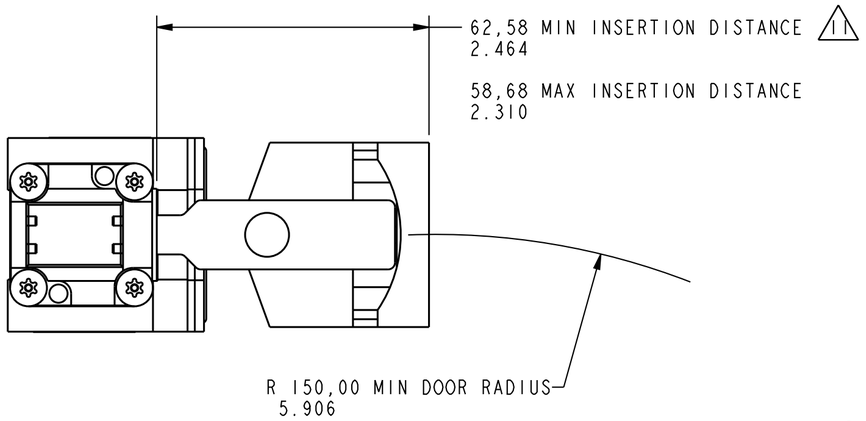
PTC/CAD 3D

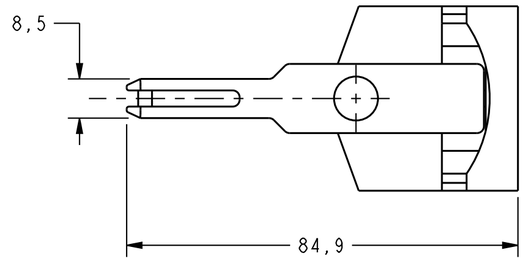
DRAWN	MAM	1 SEP 98	
CHECK	JAF	10NOV11	
ISSUE 32	CMH	10NOV11	
DRAWING NUMBER	DVM	21SEP06	
RELEASE NO. PR-23758	CHECK	12MAY99	
PAGE 5 OF 8	JAF	10NOV11	

REPLACES: MGK SERIES CHART 3

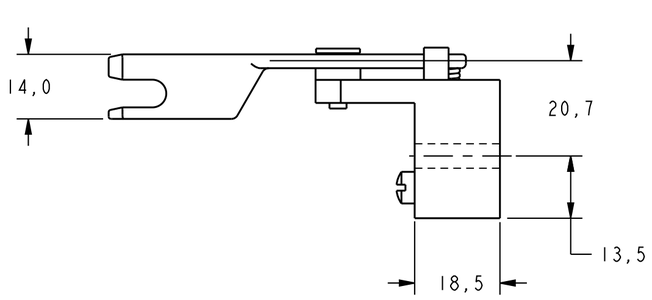
REVISIONS

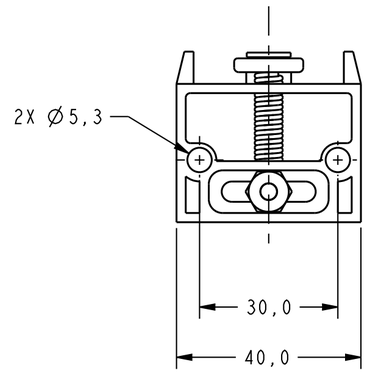
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E	207211	TSM 15JAN03		
F	207576	TSM 5MAR03		
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K	0065737	PRS 28MAY10		

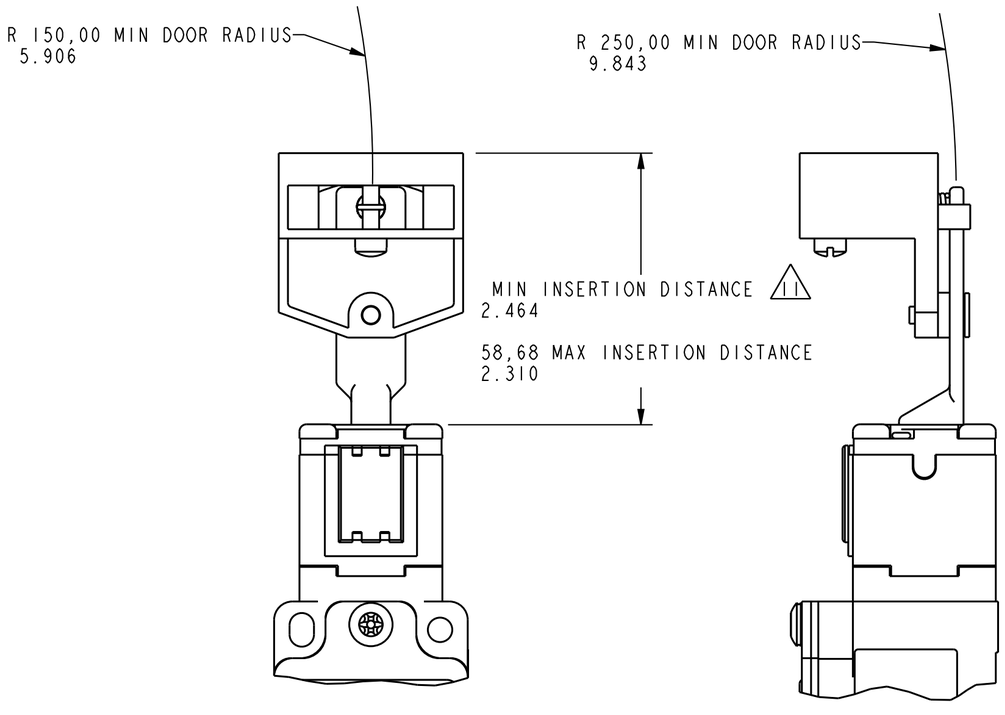




FRONT ENTRY







TOP ENTRY

KEY CODE 9

ANSI Y14.5M-1982 APPLIES

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SWITCH - LIMIT

CATALOG LISTING
GK SERIES CHART 3

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT APPROX .5 KG / 1 LB

PTC/CAD 3D

DRAWN	MAM	1 SEP 98
CHECK	JAF	1 SEP 98
	PRS 28MAY10	
CHECK	LK 07JAN09	
	K 0065737	
	GLH 2JUN03	
	H 0025008	
	BNA 21SEP06	
	J 0047425	
	TSM 5MAR03	
	G 0000385	
CHECK	TSM 15JAN03	
	F 207576	
CHECK	GLH 4DEC02	
	E 207211	
DVM	JLH 27NOV02	
	D 207003	
	JLH 13SEP02	
CHECK	C 206976	
	MBH 10NOV11	
CMH	B 206443	21SEP06
CHECK	L 0083578	

REVISIONS

ISSUE 32	DRAWING NUMBER	RELEASE	10NOV11
		PAGE	6 OF 8
		NO.	PR-23758
		REPLACES	

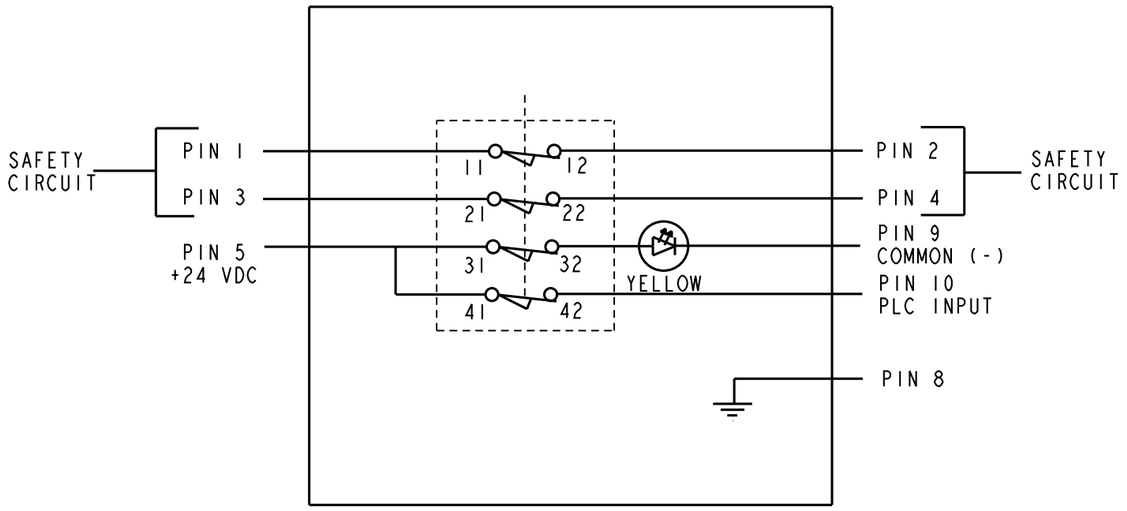
MGK SERIES CHART 3

MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH - DOOR INTERLOCK

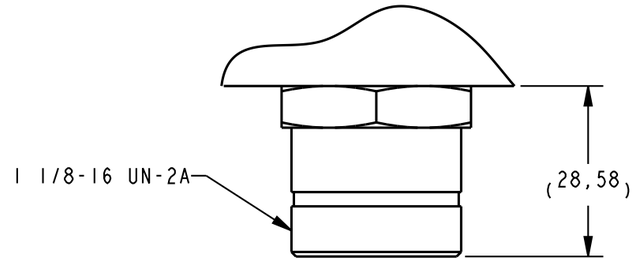
CATALOG LISTING
GK SERIES CHART 3

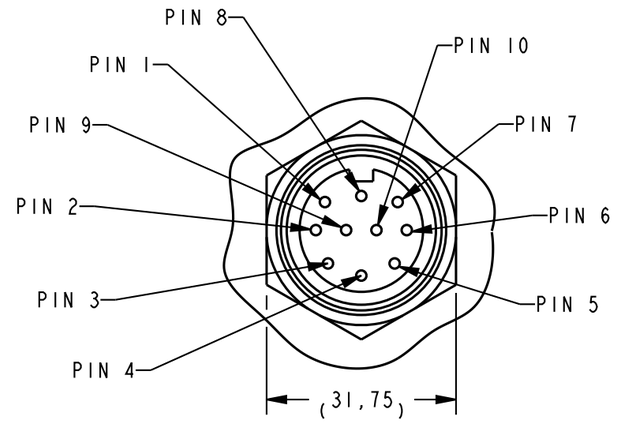
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH



SWITCH DIAGRAM STATE SHOWN WITH KEY INSERTED

MODIFICATION CODE: F06





300V 2.5A
BRAD HARRISON PART NO. 47205-22
OR EQUIVALENT

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL mm/in	DIM. in	TOL mm/in
NO PLACES	X	1/.04	X.X	0.8/.03
ONE PLACE	X.X	0.4/.016	X.XX	0.38/.015
TWO PLACES	X.XX	0.15/.006	X.XXX	0.13/.005
THREE PLACES				
ANGLES				

DESIGN UNITS: SI METRIC [X] US CUSTOMARY [ ]

WEIGHT APPROX .5KG / 1LB

ANSI Y14.5M-1982 APPLIES

CATALOG LISTING GK SERIES CHART 3 — PAGE 7 OF 8

ISSUE 32 — RELEASE NO. PR-23758 — REPLACES 10NOV11

PTC/CAD 3D — DRAWN LJK 11 NOV 99 — CHECK CMH 11 NOV 99 — DVM — CHECK — JAF — CHECK

REVISIONS

L	0083578	MBH 10NOV11
B	206443	JLH 13SEP02
C	206976	JLH 27NOV02
D	207003	GLH 4DEC02
E	207211	TSM 15JAN03
F	207576	TSM 5MAR03
G	0000385	GLH 02JUN03
H	0025008	BNA 21SEP06
J	0047425	LK 07JAN09
K	0065737	PRS 28MAY10

21SEP06

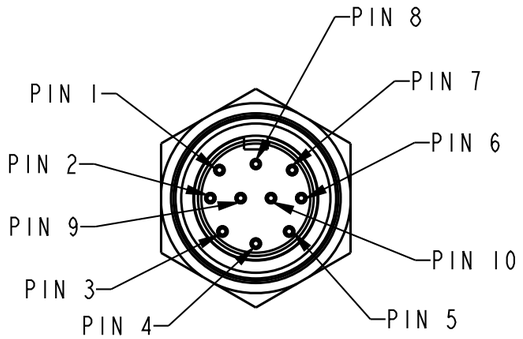
MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH - DOOR INTERLOCK

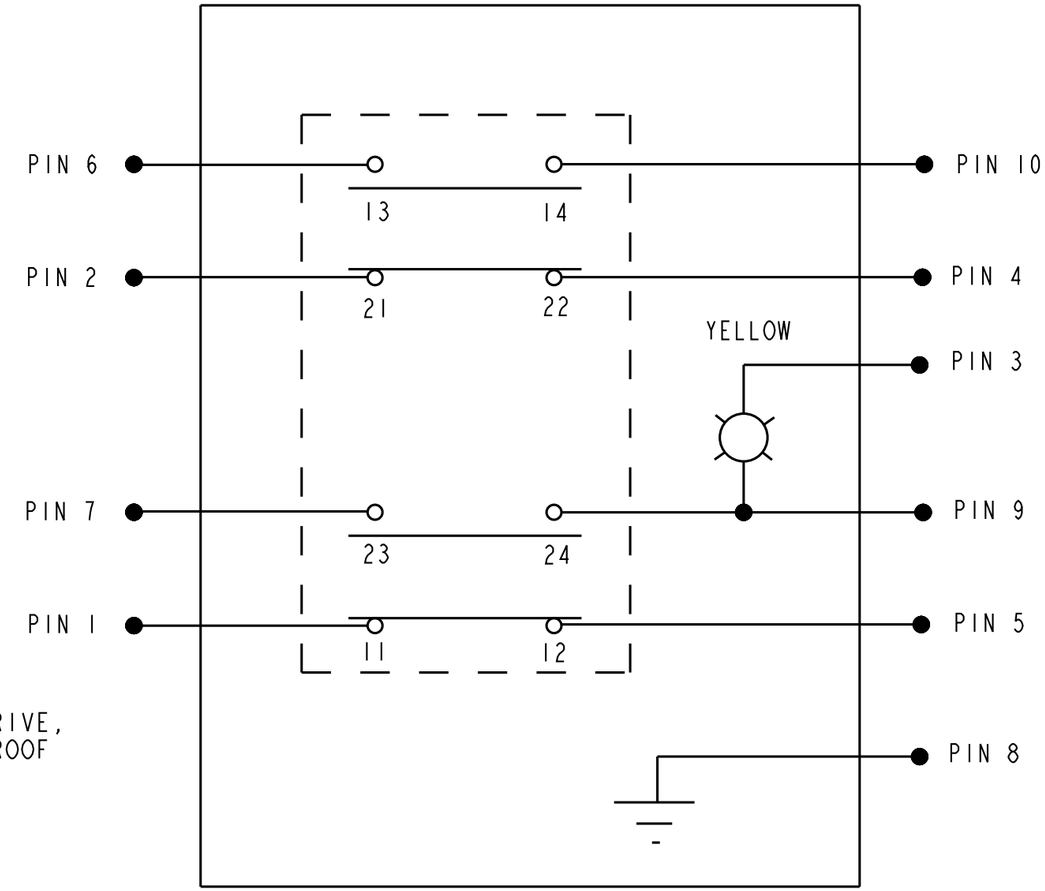
CATALOG LISTING
GK SERIES CHART 3

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MODIFICATION CODE: FW



10-PIN CONNECTOR △2



BASIC SWITCH TO 10-PIN CONNECTOR
CIRCUIT DIAGRAM
DIAGRAM SHOWN WITH KEY INSERTED

NOTES
1 - THE TWO COVER SCREWS ARE COMBINATION DRIVE, THE FOUR HEAD SCREWS ARE T-15 TAMPER PROOF TORX DRIVE (DRIVER BIT IS PROVIDED)
△2 10-PIN CONNECTOR, BRAD HARRISON PART NO. 47205-22 OR EQUIVALENT)

ANSI Y14.5M-1982 APPLIES

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

TOLERANCES

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	DIM. mm	TOL mm/in	DIM. in	TOL mm/in
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TWO PLACES	X.XX	0.15/.006	X.XXX	0.13/.005
THREE PLACES				
ANGLES				

DESIGN UNITS: SI METRIC [X] US CUSTOMARY [ ]

WEIGHT 0,4 KG / 1LB

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REVISIONS					
L	0083578	MBH 10NOV11	07JAN09	RS	
B	206443	JLH 13SEP02			
C	206976	JLH 27NOV02			
D	207003	GLH 4DEC02			
E	207211	TSM 15JAN03	18 JAN 00	CHECK	
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J	0047425	LK 07JAN09		CHECK	
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PTC/CAD 3D | DRAWN GRT | 18 JAN 00 | CHECK | REPLACES | RELEASE NO. PR-23758 | 10NOV11 | CMH