



Kraus & Naimer Pty. Ltd.

A.B.N. 16000 290 157

AUS

BLUE LINE switchgear

since 1907

STAINLESS STEEL ENCLOSURES

&

LOCAL CONTROL STATIONS



OVERVIEW

Kraus & Naimer has always been synonymous with quality. Since 1907, the company has been leading the way in Switchgear innovation and maintaining high standards and quality products has seen K&N establish itself as an industry leader on the global market. This culture of innovation and quality has been kept true across the world by utilizing global knowledge and access, while combining these big business capabilities with small business ideals. Focusing on local markets and adapting to the needs of the customers has been at the forefront of each branches success. Maintaining the K&N standard of quality and customer service at the local level with local products has driven the international success of the brand.

Enclosures have always been an integral part of the switchgear industry and electrical industry as a whole. Kraus & Naimer design and manufacturer PVC enclosures specifically suited for housing K&N switchgear worldwide. In Australia, the extreme environmental conditions combined with local industry requirements means that something more robust is often required. That's why, in 1986, the K&N branch located in hot sunny Queensland began to design and produce its own range of 316 marine grade stainless steel enclosures.

Over the past 30 years, changes in the industry and improvements in technology has led to the development of a wide variety of stainless steel products being provided across many different industries all over Australia and even PNG & NZ. Kraus & Naimer continue to produce quality products and offer high standards of service unmatched in the Australian industry.



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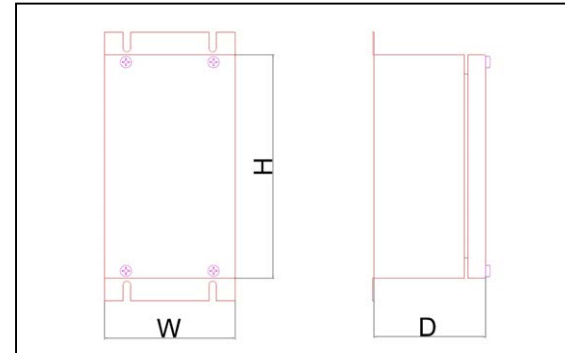
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The 6SS.. FIXED LID RANGE



- IP66
- External Mounting feet
- Perfect to use as junction box
- Compact design
- Bead blast finish 316 S/S
- 1.6mm thick



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	LID LAYOUT	MOST SUITED APPLICATION	
	H	W	D				
6SS00Z 120X113X72	120	113	72	DIN RAIL	BLANK	JB	S
6SS001 120X113X72	120	113	72	DIN RAIL	22.5mm hole w/ keyway	ESTOP OR CTRL ISOL.	S
6SS0036 120X113X72	120	113	72	DIN RAIL	S0 SW. MTG (36mm ctrs)	4 SCREW MTD CTRL SW.	S
6SS001 120X113X72 ES	120	113	72	DIN RAIL	22.5mm hole w/ keyway + ES PROTECTION BARS	EMERGENCY STOP	S
6SS0Z 208X113X100	208	113	100	DIN RAIL	BLANK	JB OR PB STATION	S
6SS048 203X113X100	208	113	100	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 11kW ISOL.	S
6SS1Z 240X140X120	240	140	120	DIN RAIL	BLANK	JB OR PB STATION	S
6SS1 240X140X120	240	140	120	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL. WILL FIT 37kW	S
6SS2Z 350X230X170	350	230	170	GEAR TRAY	BLANK	LRG JB OR PB STATION	S
6SS2 350X230X170	350	230	170	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 55kW ISOL.	S
6SS3Z 500X350X255	500	350	255	GEAR TRAY	BLANK	LRG JB OR SPECIAL MARSHALLING	I*
6SS3 500X350X255	500	350	255	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 110KW ISOL.	I*
COMES ELECTRO-POLISHED AS STANDARD							
6SS0CUZ 217X118X114 EP	217	118	114	DIN RAIL	BLANK	JB OR PB STATION FOR CUB	S
6SS0CU 217X118X114 EP	217	118	114	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL. FOR CUB	S
6SS0CU T999/AUN0622 EP	217	118	114	RAISED DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL.	S

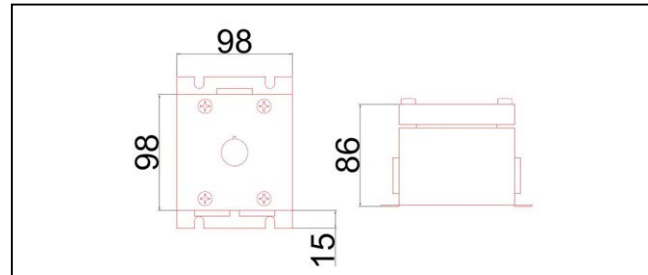
OPTIONS: Powdercoating*, electro-polishing*, N#4 finish*, punched entries, threaded entries*, RFI kit for EMC compliance

*Allow 4-6 weeks for non-stock items

SMALLEST STAINLESS STEEL BOX AVAILABLE

The 6 triple S B

- IP66
- External Mounting feet
- Perfect to use as junction box
- Compact design
- Bead blast finish 316 S/S
- Threaded entries on stocked units
- 1.6mm thick



6SSSB T999/AU4108

Includes:

22.5mm hole w/ keyway
3 x 20mm threaded entries
6x 16mm hole earth bar



6SSSB T999/AU4115

Includes:

BLANK LID
4 x 20mm threaded entries
6x 16mm hole earth bar



Also, available as indent items:

6SSSB T999/AU4472 - without threaded entries

6SSSB T999/AU4200 - with closed in mounting feet holes in place of slots

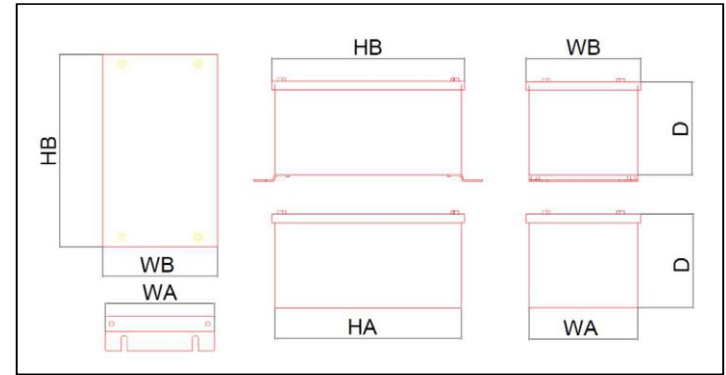
Without mounting feet

Different finishes: powdercoat, electro-polish, N#4

The 6SS..FI.. FOOD INDUSTRY RANGE



- Designed specifically for the food industry
- IP66
- Removable Mounting Feet
- Blind nutserts
- Perfect to use for motor isolators
- Excellent as junction box
- Compact & sleek design
- N#4 finish 316 S/S
- Durable in hot wash areas
- 1.6mm thick



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	LID LAYOUT	MOST SUITED APPLICATION	
	HA/HB	WA/WB	D				
6SSFI T999/...	See next page for latest additions to the food industry range						
6SS001FI 120X113X72 RMF	120/125	113/117	72	DIN RAIL	MADE TO SUIT	ESTOP OR CTRL ISOL.	S
6SS0FIZ 188X113X110 RMF	188/193	113/117	110	DIN RAIL	BLANK	JB OR PB STATION	S
6SS0FI 188X113X110 RMF	188/193	113/117	110	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 11kW ISOL.	S
6SS0ZFI 140X140X120 RMF	140/145	140/145	120	MADE TO SUIT		JB OR ESTOP STATION	I*
6SS1ZFI 200X200X120 RMF	200/210	200/210	120	MADE TO SUIT		JB	I*
6SS1FIZ 240X140X120 RMF	240/250	140/145	120	DIN RAIL	BLANK	JB OR PB STATION	S
6SS1FI 240X140X120 RMF	240/250	140/145	120	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL. WILL FIT 37kW	S
6SS2FIZ 350X240X170 RMF	350/360	230/240	170	GEAR TRAY	BLANK	LRG JB OR PB STATION	S
6SS2FI 350X240X170 RMF	350/360	230/240	170	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 55kW ISOL.	S
6SS3FIZ 500X350X255 RMF	500/510	350/360	255	GEAR TRAY	MADE TO SUIT	LRG JB OR SPECIAL MARSHALLING	I*
6SS3FI 500X350X255 RMF	500/510	350/360	255	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 110KW ISOL.	I*

OPTIONS: Powdercoating*, punched entries, threaded entries*, RFI kit for EMC compliance, Fixed mounting feet*, no mounting feet*, removable side mounting feet

*Allow 4-6 weeks for non-stock items

—CALL US TO CHECK STOCK!

You might be lucky!

The 6SS..FI.. FOOD INDUSTRY RANGE CONTINUED

Do you have 56 series 1 & 2 gang that need replacing with something hardier?

Do you want to be able to replace them without re-drilling?

Go no further than the

6SSFI T999/AU4735 RMF for single gang

- 100x100x90mm
- Blind nutserts with mounting layout to match the Clipsal 56/JB1
- 3x20mm threaded entries
- Fits upto 11kW Isolator

6SSFI T999/AU4736 RMF for double gang

- 200x100x110mm
- Blind nutserts with mounting layout to match the Clipsal 56/JB2
- 2x25mm + 1x20mm threaded entries
- Fits upto 22kW Isolator



If you also require EMC compliance, these are available with RFI kits:

#RFI kits & EMC glands sold separately, contact us for complete unit

6SSFI T999/AU4889 RMF for single gang

- 100x100x90mm
- Blind nutserts with mounting layout to match the Clipsal 56/JB1
- 1x20mm threaded entry
- 2x25mm EMC glands and insulated RFI bar

6SSFI T999/AU4890 RMF for double gang

- 200x100x110mm
- Blind nutserts with mounting layout to match the Clipsal 56/JB2
- 1x20mm threaded entry
- 2x25mm EMC glands



All to food industry standard 316 stainless steel N#4 finish and with removable mounting feet to make new installations easier

Other variations...

Part Number	Size	Features
6SSFI T999/AU4735 RMF*	Single gang	Removable mounting feet, 3x 20mm threaded entries, Blind nutserts to match image A
6SSFI T999/AU4736 RMF*	Double gang	Removable mounting feet, 2x25mm + 1x20mm threaded entries, Blind nutserts to match image B
6SSFI T999/AU4889 RMF*	Single gang	Removable mounting feet, 1x 20mm threaded entry + 2x 25mm EMC glands, Blind nutserts to match image A
6SSFI T999/AU4890 RMF*	Double gang	Removable mounting feet, 1x 20mm threaded entry + 2x 25mm EMC glands, Blind nutserts to match image B
6SSFI T999/AU4904	Single gang	3x 20mm threaded entries, Blind nutserts to match image C
6SSFI T999/AU4905	Double gang	2x25mm + 1x20mm threaded entries, Blind nutserts to match image D
6SSFI T999/AU4906	Single gang	1x 20mm threaded entry + 2x 25mm EMC glands [#] , Blind nutserts to match image C
6SSFI T999/AU4907	Double gang	1x 20mm threaded entry + 2x 25mm EMC glands [#] , Blind nutserts to match image D
6SSFI T999/....	Single or Double	Special orders** for no entries or various size entries (up to 32mm) based on above types

*as per previous page **Allow 4-6 weeks for special orders



image A



image B

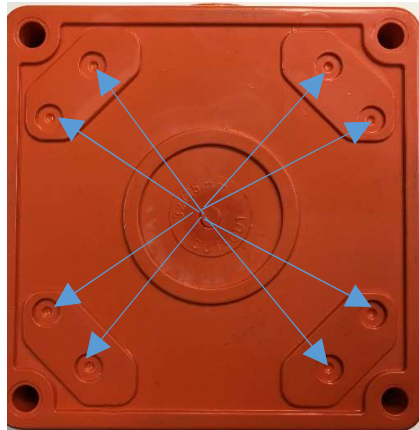


image C

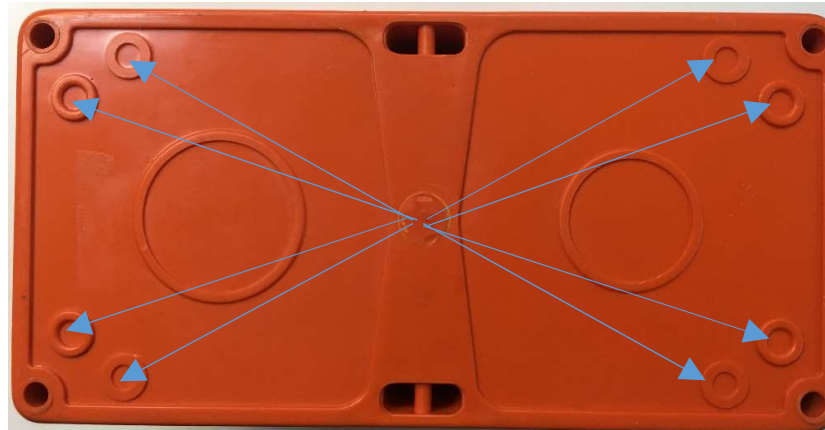
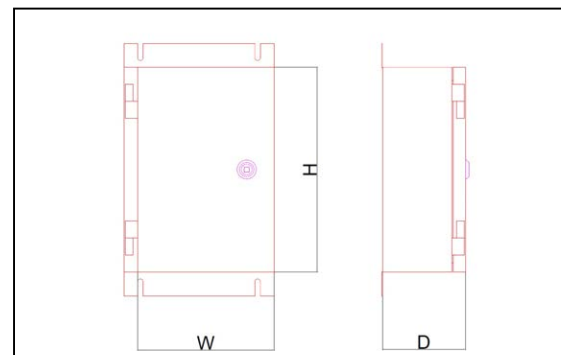


image D

The 6SH.. HINGED LID RANGE



- IP66
- External Mounting feet
- Perfect to use as control station
- S/S pin hinges
- Bead blast finish 316 S/S
- S/S 7mm SQR QTR TURN LOCK AS STD
- 1.6 – 2.0mm thick



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	LID LAYOUT	MOST SUITED APPLICATION	
	H	W	D				
6SH1Z 300X220X122	300	200	122	DIN RAIL —soon to be Gear tray	BLANK	CTRL STN	S
6SH1 300X220X122	300	200	122	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 37kW ISOL.	S
6SH2Z 375X270X170	375	250	170	GEAR TRAY	BLANK	CTRL STN	S
6SH2 375X270X170	375	250	170	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 55kW ISOL.	S
6SH3Z 500X320X175	500	300	175	GEAR TRAY	BLANK	CTRL STN	S
6SH3 500X320X175	500	300	175	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 110KW ISOL.	S
6SH4Z 600X420X300	600	400	300	GEAR TRAY	MADE TO SUIT	UPTO 280kW ISOL. / MARSHALLING	I*
6SH5Z 800X600X300	800	580	300	GEAR TRAY	MADE TO SUIT	UPTO 425kW ISOL. / MARSHALLING	I*
HYBRID – HINGED ON LHS – SCREW FIXED ON RHS (no QTR turn)							
6SS1HZ 240X160X120	240	160	120	DIN RAIL	BLANK	JB OR PB STATION	S
6SS1H 240X160X120	240	160	120	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL.	S

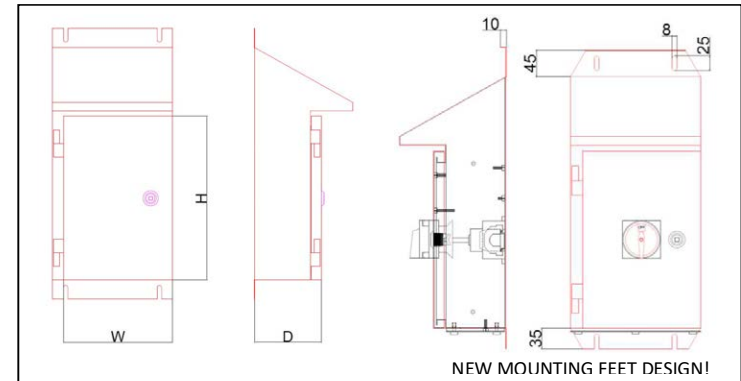
OPTIONS: Powdercoating*, punched entries, threaded entries*, RFI kit for EMC compliance, gland plates*: 3mm/6mm Aluminium or Brass; 2mm/3mm s/steel, viewing window*, different QTR TURN locks

*Allow 4-6 weeks for non-stock items

The 6SH..R.. RAINHOOD RANGE



- IP66
- External Mounting feet
- Perfect to use as control station
- S/S pin hinges
- Bead blast finish 316 S/S
- S/S 7mm SQR QTR TURN LOCK AS STD
- Integrated Rainhood w/ 30deg slope & 50 – 70mm overhang



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	LID LAYOUT	MOST SUITED APPLICATION	
	H	W	D				
HINGED LID							
6SH1RZ 426X220X122	300	200	122	GEAR TRAY	BLANK	CTRL STN	S**
6SH1R 426X220X122	300	200	122	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 37kW ISOL.	S**
6SH1RM 426X220X155	300	200	155	DIN RAIL	M700 CLUTCH	UPTO 37kW ISOL. W/ M700	I**
6SH2RZ 532X270X170	375	250	170	GEAR TRAY	BLANK	CTRL STN	S**
6SH2R 532X270X170	375	250	170	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 55kW ISOL.	S**
6SH2RM 532X270X200	375	250	200	GEAR TRAY	M700 CLUTCH	UPTO 55kW ISOL. W/ M700	I**
6SH3RZ 668X320X175	500	300	175	GEAR TRAY	BLANK	CTRL STN	S**
6SH3R 668X320X175	500	300	175	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 110KW ISOL.	S**
6SH4RZ 845X420X300	600	400	300	GEAR TRAY	MADE TO SUIT	UPTO 280kW ISOL. / MARSHALLING	I*
6SH5RZ 982X600X300	800	580	300	GEAR TRAY	MADE TO SUIT	UPTO 425kW ISOL. / MARSHALLING	I*
HYBRID – HINGED ON LHS – SCREW FIXED ON RHS							
6SS1HRZ 367X160X120	240	160	120	DIN RAIL	BLANK	JB OR PB STATION	S
6SS1HR 367X160X120	240	160	120	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL.	S
FIXED LID							
6SS00R1 240X113X72	120	113	72	DIN RAIL	MADE TO SUIT	JB OR PB STATION	I*
6SS0RZ 317X113X100	208	113	100	DIN RAIL	MADE TO SUIT	JB OR PB STATION	I*
6SS1RZ 367X140X120	240	140	120	DIN RAIL	MADE TO SUIT	JB OR PB STATION	I*
6SS1R 367X140X120	240	140	120	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 22kW ISOL.	S

OPTIONS: Powdercoating*, punched entries, threaded entries*, RFI kit for EMC compliance, gland plates*: 3mm/6mm Aluminium or Brass; 2mm/3mm s/steel, viewing window*, different QTR TURN locks

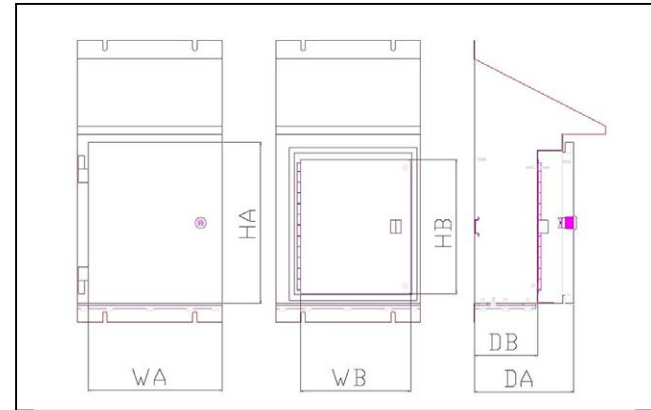
*Allow 4-6 weeks for non-stock items

**STOCK KEPT IN X-15 Orange powder coated (add -ORG at end of part number)

The 6SHP../ 6SHP..R.. HINGED ESCUTCHEON RANGE



- Aka “double door” range
- IP66
- External Mounting feet
- Perfect to use as control station
- S/S pin hinges on external door
- Welded in place piano hinge on internal door
- Bead blast finish 316 S/S
- S/S 7mm SQR QTR TURN LOCK AS STD
- Integrated Rainhood
- Label studs fit on external door as standard
- 6mm Aluminium Gland plate as standard
- Preferred choice by water industry



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	INTERNAL LID LAYOUT	MOST SUITED APPLICATION	
	HA/HB	WA/WB	DA/DB				
6SHP1 300X270X185 *	300/260	250/200	185/115	DIN RAIL	MADE TO SUIT	CTRL STN - *non-rainhood	I*
6SHP1R 455X270X185	300/260	250/200	185/115	DIN RAIL	S1 SW. MTG (48mm ctrs)	UPTO 37kW ISOL. / LCS	S
6SHP1RM 455X270X260	300/260	250/200	260/190	DIN RAIL	M700 CLUTCH	UPTO 37kW ISOL. W/ M700 / LCS	S
6SHP2 410X319X228 *	375/320	300/245	228/155	GEAR TRAY	MADE TO SUIT	CTRL STN - *non-rainhood	I*
6SHP2R 567X319X228	375/320	300/245	228/155	GEAR TRAY	S2 SW. MTG (68mm ctrs)	UPTO 55kW ISOL. / LCS	S
6SHP2RM 567X319X300	375/320	300/245	300/228	GEAR TRAY	M700 CLUTCH	UPTO 55kW ISOL. W/ M700 / LCS	I*
6SHP3R 700X370X240	500/445	350/285	240/172	GEAR TRAY	MADE TO SUIT	UPTO 110KW ISOL. / LCS	I*
6SHP3RM 700X370X300	500/445	350/285	300/228	GEAR TRAY	M700 CLUTCH	UPTO 110KW ISOL. W/ M700 / LCS	I*
6SHP4R 900X500X450	600/500	480/380	450/375	GEAR TRAY	MADE TO SUIT – PIN HINGE DOOR	UPTO 280kW ISOL. / LCS	I*
6SHP5R 990X600X450	800/700	580/480	450/375	GEAR TRAY	MADE TO SUIT – PIN HINGE DOOR	UPTO 425kW ISOL. / LCS	I*

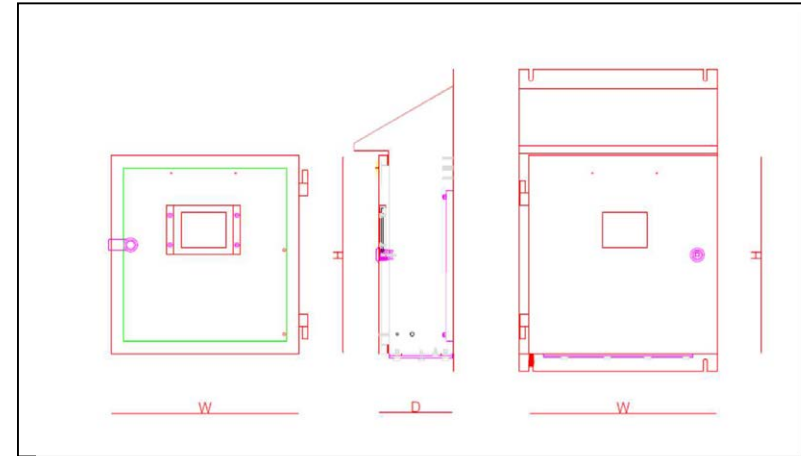
OPTIONS: Powdercoating*, N#4 finish*, Electro-polished*, gland plates: none*, 3mm*/6mm Aluminium or Brass*; 2mm/3mm s/steel*, different QTR TURN locks

*Allow 4-6 weeks for non-stock items

The 6SV../ 6SV..R.. VIEWING WINDOW RANGE



- Aka “visual isolator” range
- IP66
- External Mounting feet
- Perfect to use as control station
- S/S pin hinges
- Bead blast finish or Powdercoated
- S/S 7mm SQR QTR TURN LOCK AS STD
- With and without Integrated Rainhood
- Label studs fit as standard
- 6mm Brass Gland plate as standard
- Very roomy - specifically designed for larger cable
- 316 Stainless steel



PART NUMBER	DIMENSIONS (mm)			COMPONENT MTG	LID LAYOUT	MOST SUITED APPLICATION	
	H	W	D				
6SV1 300X300X120	300	280	120	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 22kW – non RH	!*
6SV1R 430X300X120	300	280	120	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 22kW – RH	!*
6SV2 400X400X150	400	380	150	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 55kW – non RH	!*
6SV2R 540X400X150	400	380	150	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 55kW – RH	!*
6SV3 500X500X150	500	480	150	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 110kW – non RH	!*
6SV3R 650X500X150	500	480	150	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 110kW – RH	!*
6SV4 600X600X200	600	580	200	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 185kW – non RH	!*
6SV4R 770X600X200	600	580	200	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 185kW – RH	!*
6SV5 800X800X300	800	780	300	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 400kW – non RH	!*
6SV5R 1045X800X300	800	780	300	GEAR TRAY	MADE TO SUIT – FRONT OR SIDE OPERATION	UPTO 400kW – RH	!*

OPTIONS: Powdercoating*, N#4 finish*, Electro-polished*, gland plates: none*, 3mm*/6mm Aluminium* or Brass; 2mm/3mm s/steel*, different QTR TURN locks

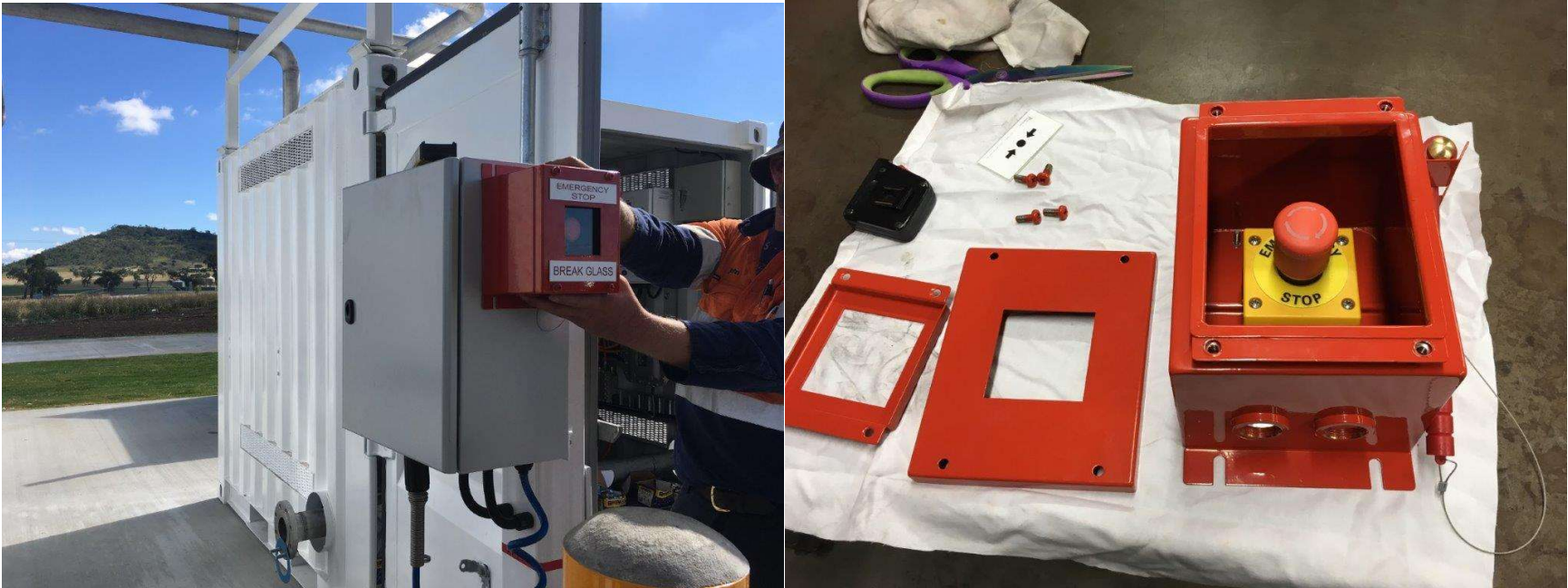
*Allow 4-6 weeks for non-stock items

PADLOCKING HASPS



6SS V840/AU4613	LOCKS 22.5mm ESTOP ACTUATED	S
6SS V840/AU4851	LOCKS S0 22.5mm KEY OPERATOR (WINDOW)	I
6SS0 V840/AUN1174	LOCKS 22.5mm ESTOP NON-ACTUATED	S
6SS0 V840/AU2051	LOCKS 12 OCLOCK S0 4 SCREW	S
6SS0 V840/AU2051-YLW	AU2051 P/C YELLOW	S
6SS0 V840/AUA0522	AU2051 – less deep	S
6SS0 V840/AU2210	N#4 TO SUIT FORTRESS LOCK	I
6SS0 V840/AUQ1929	LOCKS 12 OCLOCK S0 4 SCREW + TOP TITLE	I
6SS0 V840/AUQ1929-YLW	AUQ1929 P/C YELLOW	S
6SS0 V840/AUQ1999	LOCKS 12 OCLOCK S0 22.5mm + TOP TITLE	I
6SS0 V840/AUQ1999-YLW	AUQ1999 P/C YELLOW	S
6SS0 V840/AUQ0982	LOCKS 9 OCLOCK S0 4 SCREW	I
6SS0 V840/AUN1343	LOCKS 9&12 OCLOCK S0 4 SCREW	I
6SS0 V840/AUQ0957	LOCKS 12 OCLOCK S0 22.5mm	I
6SS1 V840/AU1211	LOCKS 12 OCLOCK S1 4 SCREW	S
6SS1 V840/AU1211-YLW	AU1211 P/C YELLOW	S
6SS1 V840/AU1212	LOCKS 9 OCLOCK S1 4 SCREW	S
6SS1 V840/AUQ1065	LOCKS 12 OCLOCK S1 4 SCREW W/ LATCH COVER	S
6SS1 V840/AUQ1283	LOCKS 9 OCLOCK S1 4 SCREW W/ LATCH COVER	S
6SS2 V840/AU0560	LOCKS 12 OCLOCK S2 V845	S
6SS2 V840/AU1213	LOCKS 12 OCLOCK S2 4 SCREW	S
6SS2 V840/AU1213-YLW	AU1213 P/C YELLOW	S
6SS2 V840/AU1214	LOCKS 9 OCLOCK S2 4 SCREW	S
6SS2 V840/AUQ1213	LOCKS 12 OCLOCK S2 4 SCREW W/ LATCH COVER	S
6SS2 V840/AUQ1226	LOCKS 9 OCLOCK S2 4 SCREW W/ LATCH COVER	S
6SS3 V840/AU1384	LOCKS 9 OCLOCK S3 4 SCREW	I
6SS3 V840/AU1717	LOCKS 12 OCLOCK S3 4 SCREW	S
6SS3 V840/AU0561	LOCKS 12 OCLOCK S3 V845	I
	...more variations available	

EMERGENCY STOP BREAK GLASS STATION



P SN*AUQ2107*6MS

SUNHOODS & SPECIALS



CALL US FOR YOUR SPECIFIC REQUIREMENTS
ON SUNHOODS, STANDS AND OTHER 316 SPECIALS



LOCAL CONTROL STATIONS

We look at every job individually with options tailored to suit your specifications.

The product will be built and wired complete with terminal and wire labelling to match your schematics, the correct cable for your site, neat looms and appropriate cable management for the unit, stainless steel or traffolyte labels and a detailed general arrangement drawing ready for your clients approval.

Talk to us about your requirements

Sloped Roof		OR	Flat Roof	
Hinged Escutcheon			Single door	
Stainless Steel Gland plate			No Gland Plate	
Brass Gland Plate				
Aluminium Gland Plate				
EMC connections				
Threaded entries			No entries	
Hinged Lid			Screw Fixed Lid	
Bead Blast Finish			N#4 Finish*	
Powder-coated			Electro-polished	
Door Mounted Handle			Side Mounted Handle	
Window				
Earth Bar brackets & studs				
Stainless Steel Label			Traffolyte Label	

*N#4 finish is very common, so is therefore requested quite often.

However, those who use it find the bead blast finish to be a superior option due to its duller appearance making it less reflective, reducing overall site glare.

Things to think about...

What type of interlock do you need? Defeatable with a special tool?
Effective when the isolator handle is padlocked OFF? OR effective in ON only?

What components do you need? Load break Isolator, auxiliaries, shrouds, changeover, control switches, push buttons, pilot lights, decontactors, meters, alarms, special equipment....

Any special locking requirements?



FOOD & BEVERAGE

See the 6SS..FI range



WATER

See the 6SH..P range



MINING

If you've come here looking for weatherproof enclosures with a window and a visual contact isolator, Kraus & Naimer will build a box to your specification and source an isolator of your preferred brand at a very competitive rate (see 6SV.. RANGE). However, you may be curious to know that the best method for proof of isolation is to use an Isolator that conforms to IEC 60947 having passed a 3F torque test for the position of the actuator being all the proof you need.

Call us today for a demonstration!

Product Features

M700 Door Interlock

- Padlockable in 'OFF' only, safety requirement according to IEC60947-3
- In 'ON' the door interlock is engaged, the cabinet cannot be opened
- In 'ON' the door interlock can be defeated by using a tool, authorised entry only
- The door interlock re-engages when the door is closed after authorised defeat in 'ON'
- In 'OFF' and padlocked, the door interlock defeat is disabled – no access
- When the door is opened the handle position is locked – assured alignment
- Mechanical Position Indicator on the switch module visible when the door is open
- Internal Padlock Device on switch module
- Robust, keyed, floating head on switch shaft

KG Switch Disconnectors

- 13/14mm contact gap 690v-100v insulation
- High AC3 and AC23 ratings
- Large, fingerproof IP20 box type terminals
- Double break forced opening safety rated auxiliary contacts, silver or gold, 1-6 N/O-N/C
- Positive drive make and break main contacts: 3 to 8 poles OFF, ON, 3 or 4 pole C/O
- IEC60947-3 3F disconnector handle, isolation is assured 'OFF' is 'OFF'

General Features

- Custom colours and engraving for escutcheon plates and header labels
- Scratch proof reverse engraving
- IP65 dust and water protection
- Robust, double insulated handle
- Asymmetric shaft and interlock profiles ensure the handle position matches the switch position
- Fixed length shaft ensures shaft must engage with the handle

IEC60947-1

Equipment Suitable For Isolation – The Following Clauses Apply

Clause 7.1.6 Additional constructional requirements suitable for isolation

Clause 7.1.6.1 Additional constructional requirements

Equipment suitable for isolation shall provide, in the open position (see 2.4.21) an isolation device in accordance with the requirements necessary to satisfy the isolation function (see 7.2.3.1 and 5.2.2) electric test

Indication of the position of the mains control shall be provided by one or more of the following means

- (1) The position of the actuator
- (2) A separate mechanical indicator
- (3) Visibility of the moving contacts

The effectiveness of each of the means of indication provided on the equipment and the mechanical strength shall be verified in accordance with Clause 8.2.5

Clause 8.2.5 Verification of the effectiveness of indication of the main contact position of equipment suitable for isolation. To verify the effectiveness of the indication of the main contact position, all means of indication of contact position shall continue to function correctly after the operational performance type tests, and special durability tests (if performed)

Switch Classification

All low voltage switches installed in Australia and New Zealand shall meet IEC60947 and carry the appropriate easily identifiable symbol depending on the switch classification

Switch



A mechanical switching device capable of making and breaking currents under normal conditions, which may include specified overload conditions according to the duty and abnormal circuit conditions such as short circuit (motor reversing switches, control switches, start data switches, etc.

Disconnecter



A mechanical switching device which, in the open position, complies with the requirements specified for the isolating function (Off load isolator)

Switch Disconnector

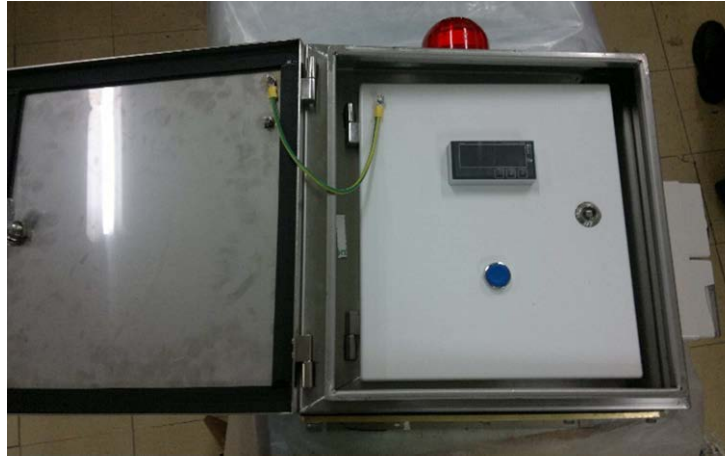
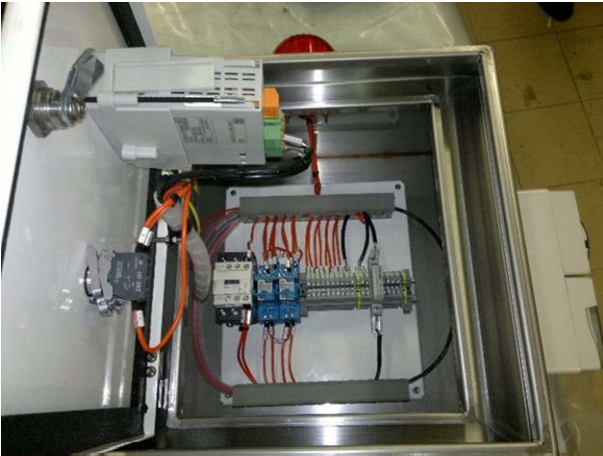


A 'Switch' which in the open position, complies with the requirements specified for the isolating function (On load isolator)

MILLING & AGRICULTURE



MANUFACTURING / CONSTRUCTION / MATERIALS



CONTACT US

Kraus & Naimer

Australia wide: 1800 KNSWITCH (1800 567 948)

salesaus@krausnaimer.com

QLD	NSW	VIC	SA	WA / NT / TAS
Oscar Castillo 0418 873 021	Mike Hart 0417 261 183	Alan Henson 0418 334 320	Mike Smith 0409 071 365	<i>See our website for full list of agents</i>
Jade Sheaffe 0438 700 033 (projects)	Michael Baker 0413 130 612	Lou Sladen 0407 060 043	Brian Kelly (08) 8371 1443 (internal)	Pacific Automation ISAS HMB Colterlec

www.krausnaimer.com.au