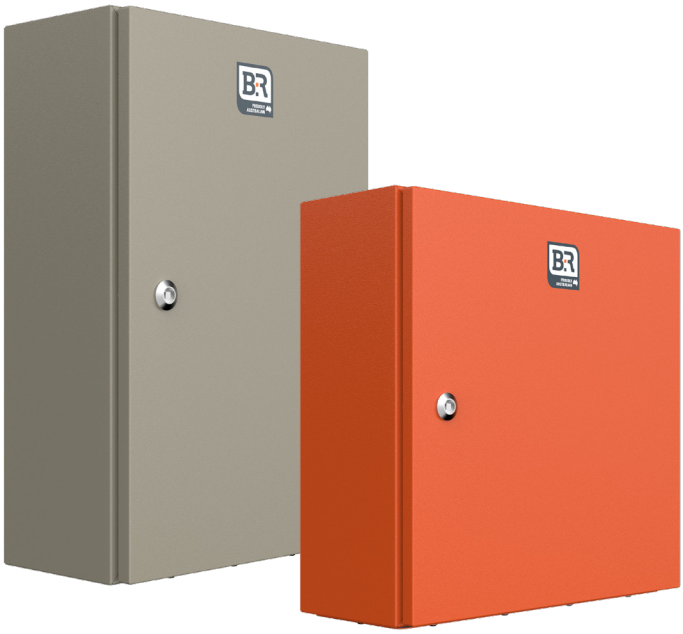
Universal NI – Zinc Coated Steel

General Purpose Enclosures





- Built for industrial and demanding environments.
- Threaded sockets on the rear of the enclosure to allow mounting feet attachment without compromising the IP rating.
- 120º door opening for ease of access to internal systems.
- Conformity, Approvals:
  - CE Mark
  - Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions - Wind actions
- Manufactured from 1.2/1.6mm zinc coated steel.
- Powdercoated Pebble Grey RAL7032 or X15 Orange.

Comes standard with:

- 2mm steel mounting pan powdercoated white
- Gland plate (200mm deep and above)
- Chromed steel lock with 7mm square steel insert (NI020)
- Door rails
- Earth strap kit

ORDERING GUIDE

Part Number		Dimensions (mm)										
		External			Internal	Mounting Pan		Gland Opening		No. of Fixing Points	Material	
Standard	X15 Orange	Height (A)	Width (B)	Depth (C)	Usable Depth (D)*	Height (E)	Width (F)	Width (G)	Depth (H)	(Suits M8 fixings)	Thickness (mm)	Weight (kg)
NI03021	NI03021/RO	300	200	150	125	250	150	–	–	4	1.2	3.9
NI03031	NI03031/RO	300	300	150	125	250	250	–	–	4	1.2	5.0
NI03041	NI03041/RO	300	400	150	125	250	350	–	–	4	1.2	6.5
NI04032◊	NI04032/RO◊	400	300	200	175	350	250	250	120	4	1.6	8.0
NI03042	NI03042/RO	300	400	200	175	250	350	250	120	4	1.6	7.5
NI04042◊	NI04042/RO◊	400	400	200	175	350	350	250	120	4	1.6	12.0
NI05042◊	NI05042/RO◊	500	400	200	175	450	350	250	120	4	1.6	14.0
NI06042◊	NI06042/RO◊	600	400	200	175	550	350	250	120	4	1.6	17.0
NI05052◊	NI05052/RO◊	500	500	200	175	450	450	440	120	4	1.6	17.0
NI04062◊	NI04062/RO◊▲	400	600	200	175	350	550	440	120	4	1.6	16.0
NI06062◊	NI06062/RO◊	600	600	200	175	550	550	440	120	4	1.6	23.0
NI08062◊	NI08062/RO◊	800	600	200	175	750	550	440	120	6	1.6	30.0
NI10062◊	NI10062/RO◊▲	1000	600	200	175	950	550	440	120	6	1.6	37.0
NI04043◊	NI04043/RO◊	400	400	300	275	350	350	250	120	4	1.6	14.0
NI06043◊	NI06043/RO◊	600	400	300	275	550	350	250	120	4	1.6	20.0
NI04063◊	NI04063/RO◊▲	400	600	300	275	350	550	440	120	4	1.6	19.0
NI06063◊	NI06063/RO◊	600	600	300	275	550	550	440	120	4	1.6	27.0
NI08063◊	NI08063/RO◊	800	600	300	275	750	550	440	120	6	1.6	34.0
NI10063◊	NI10063/RO◊	1000	600	300	275	950	550	440	120	6	1.6	41.0
NI08083^	NI08083/RO^▲	800	800	300	275	750	750	440	120	6	1.6	43.0
NI10083^	NI10083/RO^▲	1000	800	300	275	950	750	440	120	6	1.6	52.0
NI12083^	NI12083/RO^▲	1200	800	300	275	1150	750	440	120	6	1.6	61.0

* Mounting pan to inside of door
◊ Includes vertical door rails
^ Includes horizontal and vertical door rails
▲ Available on request

Universal NI – Zinc Coated Steel

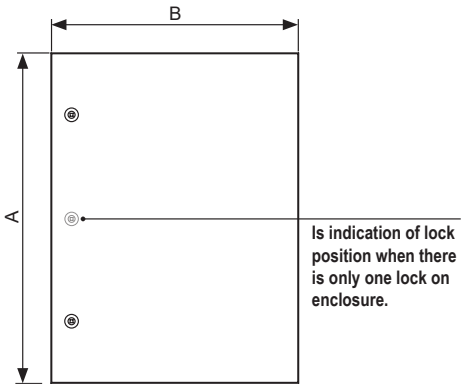
General Purpose Enclosures

ACCESSORIES

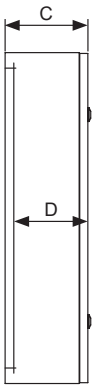
Product	Description	Part Number	Dimensions (mm) Height	Width	Depth	NI03021 (/RO)	NI03031 (/RO)	NI03041 (/RO)	NI04032 (/RO)	NI03042 (/RO)	NI04042 (/RO)	NI05042 (/RO)	NI06042 (/RO)	NI05052 (/RO)	NI04062 (/RO)	NI06062 (/RO)	NI08062 (/RO)	NI10062 (/RO)	NI04043 (/RO)	NI06043 (/RO)	NI04063 (/RO)	NI06063 (/RO)	NI08063 (/RO)	NI10063 (/RO)	NI08083 (/RO)	NI10083 (/RO)	NI12083 (/RO)
Rainhoods	Zinc coated steel	NIRH021	30	200	165	•																					
		NIRH031▲	30	300	165		•																				
		NIRH032▲	30	300	215				•																		
		NIRH041▲	30	400	165			•																			
		NIRH042	30	400	215					•	•	•	•														
		NIRH043	30	400	315														•	•							
		NIRH052▲	30	500	215									•													
		NIRH062▲	30	600	215										•	•	•	•									
		NIRH063	30	600	315																•	•	•	•			
		NIRH082▲	30	800	215																						
		NIRH083▲	30	800	315																				•	•	•
External vent kits – Zinc coated steel	Pebble Grey RAL7032	IPVK	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		IPVK16	260	260	–		^	^	^	^		^	^	^	^	^	^	^	•	•	•	•	•	•	•	•	•
	X15 Orange	IPVK/RO	130	130	–	^	^	^	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		IPVK16/RO▲	260	260	–		^	^	^	^		^	^	^	^	^	^	^	•	•	•	•	•	•	•	•	•
Wall mounting brackets – stainless steel	Set of 4	MEB/S	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Mounting flange kit – 316 stainless steel		MF2/S▲	75	200	–	•																					
		MF3/S	75	300	–		•		•																		
		MF4/S	75	400	–			•		•	•	•	•						•	•							
		MF5/S▲	75	500	–									•													
		MF6/S▲	75	600	–										•	•	•	•			•	•	•	•			
		MF8/S▲	75	800	–																				•	•	•
Mounting Pan		NIMP0302	250	150	–	•																					
		NIMP0303	250	250	–		•																				
		NIMP0403	350	250	–				•																		
		NIMP0304	250	350	–			•		•																	
		NIMP0404	350	350	–						•								•								
		NIMP0504	450	350	–							•															
		NIMP0604	550	350	–								•							•							
		NIMP0505	450	450	–									•													
		NIMP0406	350	550	–										•						•						
		NIMP0606	550	550	–											•						•					
		NIMP0806	750	550	–												•						•				
		NIMP1006	950	550	–													•						•			
		NIMP0808	750	750	–																				•		
		NIMP1008	950	750	–																					•	
		NIMP1208	1150	750	–																						•
Gland plates	6mm aluminium	SRAGP6/2	290	160	–				•	•	•	•	•						•	•							
		SRAGP6/3	480	160	–									•	•	•	•	•			•	•	•	•	•	•	•
	3mm brass	SRBGP3/2	290	160	–				•	•	•	•	•						•	•							
		SRBGP3/3	480	160	–									•	•	•	•	•			•	•	•	•	•	•	•
	6mm brass	SRBGP6/2	290	160	–				•	•	•	•	•						•	•							
		SRBGP6/3	480	160	–									•	•	•	•	•			•	•	•	•	•	•	•
Replacement Hinge	Kit	NI/H	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Touch Up Paint (300g)	Pebble Grey RAL7032	TUP/P20	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	X15 Orange	TUP/P24	–	–	–	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

^ Fits door only
▲ Available on request

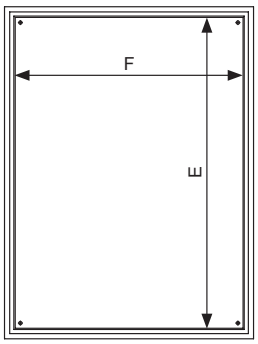
TECHNICAL DRAWINGS



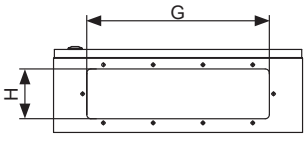
Front View



Side View



Front View
(Door Removed)



Bottom View

Locks
To suit Forte FR and Universal NI enclosures

STANDARD LOCKS

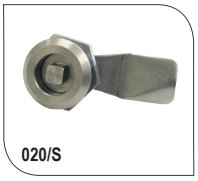
Enclosure	Steel	Stainless Steel
Universal NI	NI020 – chromed steel with 7mm square insert.	NI020/S – stainless steel lock with 7mm square stainless steel insert.

LOCK OPTIONS
There are a number of additional lock options available that are suitable for use on Universal NI enclosures. Contact your local B&R sales representative to discuss your requirements.

						Keys
Product	Description	Part Number	Standard Lock/Insert	Alternative insert	Lockable handles	Aluminium, 4-way
Turnbuckle	chromed steel	NI020	7mm square – steel	See below		SKZ
	powdercoated	NI020/PS	7mm square – stainless steel	See below		SKZ
	stainless steel	NI020/S	7mm square – stainless steel	See below		SKZ
		NI028/S	8mm square slotted – stainless steel	See below		SK8
Wing knob	lockable	NI030	Key code 92268		SK3	
	non-lockable	NI111	–			
T-handle	lockable	NI040	Key code 92268		SK3	
L-handle	lockable	NI050	Key code 92268		SK3	
	padlockable – steel	NI052	–			
	padlockable – stainless steel	NI052/S	–			

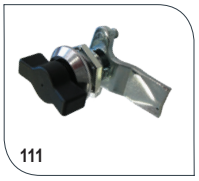

020

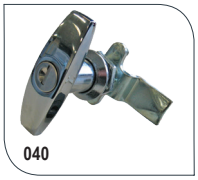

020/PS


020/S


028S/S


030


111


040


050


052


052/S


NI020/DC

LOCK INSERTS FOR NI020 LOCKS
The NI020 locks are available with an optional lock insert. Contact your local B&R sales representative to discuss your requirements.

			3mm double bit pin		8mm square			8mm triangle	
To suit lock style	Description	To suit lock	Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel	Steel	Stainless Steel
Turnbuckle	chromed steel	NI020	LKINS3P		LKINS8S		LKINS8SS/S	LKIN8T	
	powdercoated with SS insert	NI020/PS		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
	stainless steel	NI020/S		LKINS3P/S		LKINS8S/S	LKINS8SS/S		LKINS8T/S
Key required – zinc			SKZ	SKZ	SK8	SK8	SK8	SKZ	SKZ

30-10-2026