



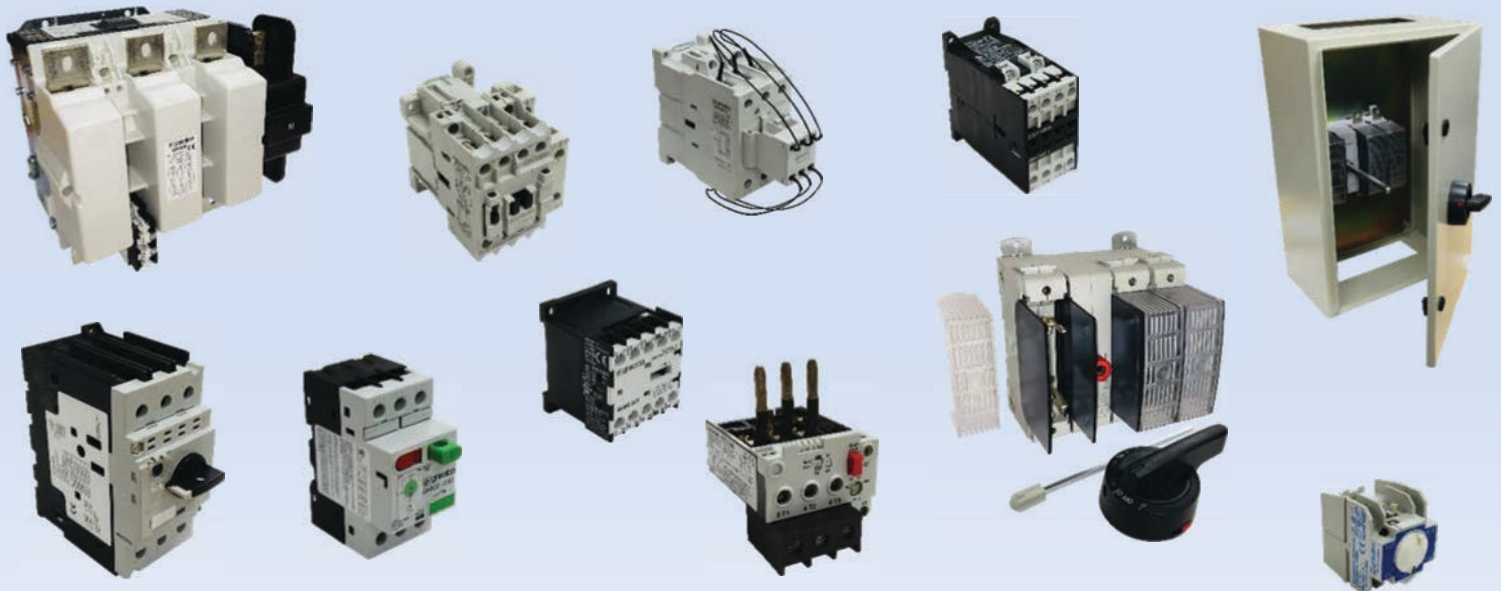
***Electrical
Importing
Company***



ghisalba



CONTACTORS
MOTOR PROTECTION
MANUAL MOTOR STARTERS
LOAD BREAK ISOLATORS



- ☐ Standard Contactors - 3 & 4 Pole up to 1,200A
- ☐ Capacitor Contactors for power factor correction
- ☐ Miniature Contactors - compact and rugged
- ☐ Manual Motor Starters - motor protection circuit breakers 0.1 - 63A
- ☐ Fused Load Break Switches up to 630A

- ☐ Latching Contactors - eliminating coil overheating, reducing energy costs, unaffected by volt drops
- ☐ Shock Resistant Contactors up to 10g
- ☐ Motor Protection Overloads
- ☐ Load Break Isolators - 3 & 4 pole up to 630A
- ☐ Accessories

NEW PRODUCTS

DC Coil Contactors
GH15BL - GH15GL (4–18.5kW)

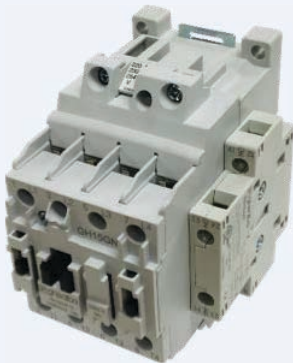
- Now has the same footprint as the standard AC coil contactors.
- Built in suppressor, reduces eletro-magnetic interference and overvoltage.
- Better value when compared with other options.
- Reduction of pick-up consumption 5.5W (down from 120W inrush).
- Full compatibility with standard contactor accessories.



Latching Contactors

These contactors can maintain a closed position with the control circuit de-energised.

The latching function is mechanical or magnetic and the electrical supply is only required during the pick-up operating period. The contactor opens only when the tripping coil is energised.



Advantages

- Elimination of coil overheating or burning, even in case of long overvoltage periods.
- Unaffected by voltage drops.
- Significant energy savings.
- Same footprint as standard contactors.
- Standard contactor accessories.

Load Break Switches
New range of load break switches:

- 3 pole & 4 pole.
- KSZ fused load break 80 - 630A.
- KSZ series fuse covers supplied.
- SZ rotary switch 125 - 630A.
- Shaft & IP65 handle supplied.
- Terminal covers, auxiliary contacts and red/yellow handle available.



Metal Enclosed Load Break Switches

Range of load break & fused load break switches are available and installed in CVS metal enclosures.

- 125 - 630A, 3 pole & 4 pole.

Powder-coated, 304 grade stainless steel or 316 marine grade stainless steel enclosures are available.

- 400 x 300 x 200mm to 800 x 600 x 250mm.



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Mini Contactors
4 pole contactors are now available:

- 4 NO pole
- 2 NO / 2NC pole
- 4 NO pole reversing



STANDARD 3 POLE CONTACTORS

AC-3 ^(a)		AC-1 ^(b)	DC-1		PART NUMBER	AUXILIARY CONTACTS			OVERLOAD		MOUNTING	DIMENSIONS (mm) ^(e)											
kW	Amp.	Amp.	Amp. ^(c)	Amp. ^(d)		Supplied	Maximum	Type	Thermal ^(f)			High	Wide	Deep									
4	9	25	20	16	GH15BN-3-01-①AC	1NC									85								
					GH15BN-3-10-①AC	1NO									110								
					GH15BL-3-01-②DC	1NC																	
					GH15BL-3-10-②DC	1NO																	
5.5	12	30	25	16	GH15CN-3-01-①AC	1NC	8 Additional			TOR-C 0.55 – 16A					85								
					GH15CN-3-10-①AC	1NO									110								
					GH15CL-3-01-②DC	1NC																	
					GH15CL-3-10-②DC	1NO																	
7.5	16	40	25	18	GH15DN-3-01-①AC	1NC		Top Mount GH15T01 (1NC) GH15T10 (1NO)		RTD32 0.4 – 32A	DIN Rail or Panel Mount	80	45		85								
					GH15DN-3-10-①AC	1NO									110								
					GH15DL-3-01-②DC	1NC																	
					GH15DL-3-10-②DC	1NO																	
11	25	45	30	20	GH15ET-3-00-①AC		8 Total	GH15T11 (1NO + 1NC) GH15T22 (2NO + 2NC) GH15T31 (3NO + 1NC) GH15T40 (4NO)							91								
					GH15EL-3-00-②DC										115								
15	32	50	30	20	GH15FT-3-00-①AC										91								
					GH15FL-3-00-②DC										115								
18.5	40	50	32	25	GH15GL-3-00-②DC										Nil	9 Total	Side Mount GH15S11 (1NO + 1NC)	RTD65 20 – 65A		114	60		109
18.5	40	63	40	32	GH15GT-3-00-①AC																		131
					GH15HT-3-00-①AC	109																	
22	50	90	50	50	GH15HT-3-00-②DC		131																
					GH15JT-3-00-①AC	131																	
30	63	110	63	63	GH15JT-3-00-②DC		Top Mount Timer GH320TP1	10 Total															130
					37	80									125	80	80	GH15KT-3-00-①AC	152				
GH15KT-3-00-②DC	130																						
45		95	125	90	90	GH15LT-3-00-①AC									10 Total	9 Total							130
	GH15LT-3-00-②DC					152																	
55	110	135	100	100	GH15MT-3-00-③AC										10 Total		RTD180 60 – 180A						
					GH15MT-3-00-④AC/DC																		

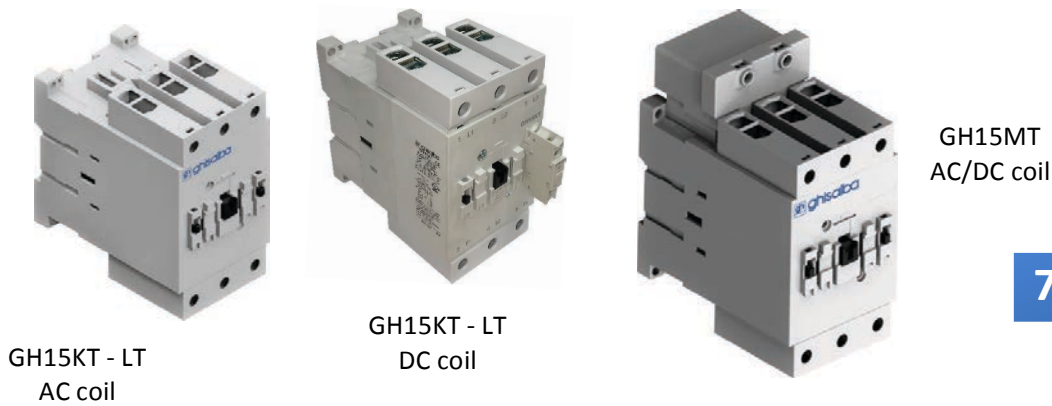
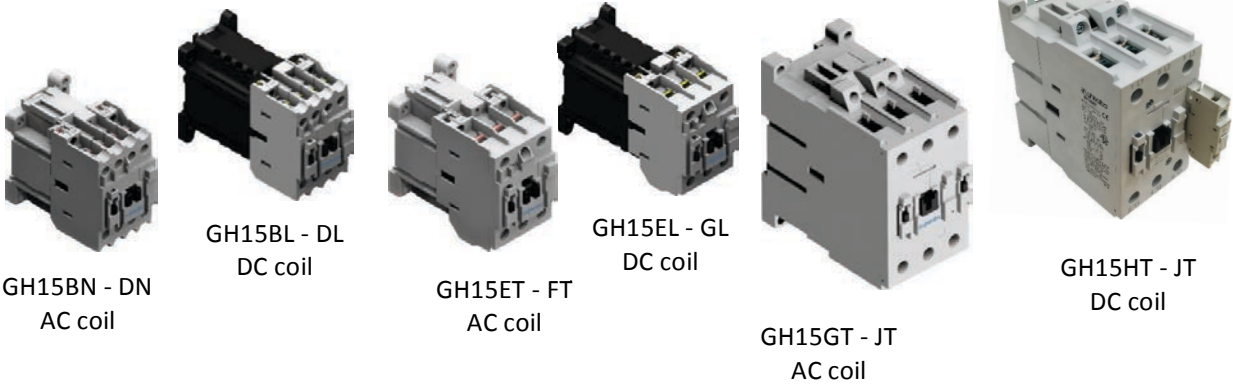
Notes:

- ① Complete the Part Number with the AC coil voltage. Standard voltages are **24, 48, 110, 230 & 400V**, e.g. GH15BN-3-01-230AC.
- ② Complete the Part Number with the DC coil voltage. Standard voltages are **24, 48 & 110V**, e.g. GH15HT-3-00-48DC.
- ③ Complete the Part Number with the AC coil voltage. Standard voltages are **230 & 400V**, e.g. GH15MT-3-00-230AC.
- ④ Complete the Part Number with the AC/DC coil voltage. Voltages available are **24, 48 & 110V**, e.g. GH15MT-3-00-110AC/DC.

Notes:

- (a) AC-3 rated 400V AC, 3-phase motor.
- (b) AC-1 rated ≤ 400V, t ≤ 55°C.
- (c) DC-1 rated 24V DC, 1 pole.
- (d) DC-1 rated 125V DC, 2 poles in series.
- (e) Additional space may be required for optional terminal shrouds, auxiliary contacts, timer and other accessories.
- (f) Full range of overloads on page 19.

For further details go to www.eic.nz



75 – 710kW

Accessories Page 15

STANDARD 3 POLE CONTACTORS.....cont.

AC-3 ^(a)		AC-1 ^(b)	DC-1		PART NUMBER	AUXILIARY CONTACTS			OVERLOAD	MOUNTING	DIMENSIONS (mm) ^(e)									
kW	Amp.	Amp.	Amp. ^(c)	Amp. ^(d)		Supplied	Maximum	Type	Thermal ^(f)		High	Wide	Deep							
75	150	250	160	125	GH15NT-3-00-400AC GH15NT-3-00- 5 AC/DC	Nil	8 Total	Top Mount GH15T11 (1NO + 1NC) GH15T22 (2NO + 2NC) GH15T31 (3NO + 1NC) GH15T40 (4NO) Side Mount GH15S11 (1NO + 1NC) Top Mount Timer GH320TP1	RTD180 60 - 180A	Panel Mount	170	110	162							
90	175	300	200	125	GH15PT-3-00-400AC GH15PT-3-00- 5 AC/DC									RTD320 114 - 320A	200	145	208			
110	210	350	250	160	GH15RT-3-00-400AC GH15RT-3-00- 6 AC/DC															
132	260	450	315	180	GH15ST-3-00-400AC GH15ST-3-00- 6 AC/DC															
160	315	500	350	200	GH15TT-3-00-400AC GH15TT-3-00- 6 AC/DC															
250	450	700	450	315	GH55B-3-22- 7 AC/DC				2NO + 2NC		4NO + 4NC	EF22 (2NO + 2NC)	RTD800 240 - 800A					250	220	225
315	550	800	550	400	GH57B-3-22- 7 AC/DC													258	220	225
400	700	1,000	700	500	GH62-3-22- 8 AC/DC									307	280	291				
500	860	1,100	860	630	GH64-3-22- 8 AC/DC	361	280	291												
580	1,000	1,200	1,000	-	GH76-3-12-230AC ^(g)	1NO + 2NC	3NO + 4NC	EB11 (1NO + 1NC)	-		490	364	345							
710	1,200	1,350	1,200	-	GH78-3-12-230AC ^(g)						450	568	291							
400	700	1,600	-	-	GH82-3-44- 8 AC/DC ^(g)	4NO + 4NC	8NO + 8NC	EF22 (2NO + 2NC)												
500	860	2,000	-	-	GH84-3-44- 8 AC/DC ^(g)															

Notes:

- 5 Complete the Part Number with the AC/DC coil voltage. Standard voltages are 24, 48, 110 & 230V, e.g. GH15NT-3-00-230AC/DC.
- 6 Complete the Part Number with the AC/DC coil voltage. Standard voltages available are 24, 110 & 230V, e.g. GH15RT-3-00-110AC/DC.
- 7 Complete the Part Number with the coil voltage. Standard voltages are 24, 110, 230 & 400V, e.g. GH55B-3-22-110AC/DC.
- 8 Complete the Part Number with the AC/DC coil voltage. Standard voltages are 230 & 400V, e.g. GH62-3-22-230AC/DC.

Notes:

- (a) AC-3 rated 400V AC, 3-phase motor.
- (b) AC-1 rated ≤ 400V, t ≤ 55°C.
- (c) DC-1 rated 24V DC, 1 pole.
- (d) DC-1 rated 125V DC, 2 poles in series.
- (e) Additional space may be required for optional terminal shrouds, auxiliary contacts, timer and other accessories.
- (f) Full range of overloads on page 19.
- (g) Indent product check with EIC for availability.

Need more info? Contact EIC or go to www.eic.nz



GH15NT - PT
AC/DC coil



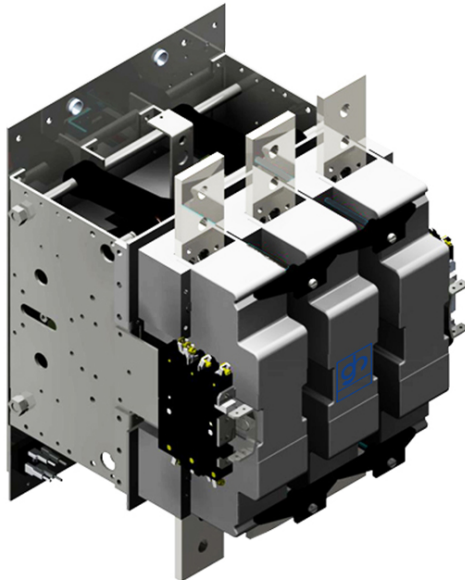
GH15RT - TT
AC/DC coil



GH55B - 57B
AC/DC coil



GH62 - 64
AC/DC coil



GH76 - 78
AC/DC coil



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STANDARD 4 POLE CONTACTORS

AC-3 ^(a)		AC-1 ^(b)	DC-1		POWER POLES		PART NUMBER	AUXILIARY CONTACTS			TERMINAL/ BOLT SIZE	MOUNTING	DIMENSIONS (mm) ^(e)		
kW	Amp.	Amp.	Amp. ^(c)	Amp. ^(d)	NO	NC		Max. NO	Max. NC	Type			High	Wide	Deep
4 NO Power Poles															
4	9	25	20	16	4	-	GH15BN-4-00-❶AC	6	4		1.0 - 4.0mm ²	DIN Rail or Panel Mount	80	45	85
5.5	12	30	25	16			GH15BL-4-00-❷DC								110
							GH15CN-4-00-❶AC								85
							GH15CL-4-00-❷DC								110
							GH15DN-4-00-❶AC								85
7.5	16	40	25	18			GH15DL-4-00-❷DC								110
							GH15EN-4-00-❶AC								85
11	22	40	30	20			GH15EL-4-00-❷DC								110
							GH15FN-4-00-❶AC	7	5	Top Mount (GH15BL-MN) GH15T01 (1NC) GH15T10 (1NO) (GH15BL-TN) GH15T11 (1NO + 1NC) GH15T22 (2NO + 2NC) GH15T31 (3NO + 1NC) GH15T40 (4NO)	1.5 - 10mm ²	114	60	105	
15	32	50	30	20			GH15FN-4-00-❷DC	6	4					127	
							GH15GN-4-00-❶AC	7	5					105	
							GH15GN-4-00-24DC	6	4					127	
							GH15HN-4-00-❶AC	7	5	2.5 - 35mm ²	114	79	109		
22	50	80	50	50			GH15HN-4-00-24DC	6	4				131		
							GH15JN-4-00-❶AC	7	5				109		
30	63	100	63	63			GH15JN-4-00-24DC	6	4				131		
					GH15LN-4-00-❸AC	8	6	Side Mount GH15S11 (1NO + 1NC)	4.0 - 50mm ²	142	105	130			
55	115	200	125	100	GH15LN-4-00-❹AC/DC								6	4	Top Mount Timer GH320TP1 (full accessories page 15)
					GH15MN-4-00-400AC										
75	150	250	160	125	GH15MN-4-00-❺AC/DC										
					GH15NN-4-00-400AC										
90	175	300	200	125	GH15NN-4-00-❺AC/DC										
					GH15PN-4-00-400AC										
110	210	350	250	160	GH15PN-4-00-❺AC/DC										
					GH15RN-4-00-400AC			M10	200	193	208				
132	260	450	315	180	GH15RN-4-00-❻AC/DC										
					GH15SN-4-00-400AC										
160	315	600	350	200	GH15SN-4-00-❻AC/DC										
					GH15TN-4-00-400AC										
							GH15TN-4-00-❻AC/DC								

GH15BN - EN
AC coil



GH15BL - EL
DC coil



GH15LN-4
AC/DC coil

Accessories Page 15

Notes:

- ① Complete the Part Number with the AC coil voltage. Standard voltages are **24, 48, 110, 230 & 400V**, e.g. GH15BN-4-00-230AC.
- ② Complete with Part Number with the DC coil voltage. Standard voltages are **24, 48 & 110V**, e.g. GH15BL-4-00-24DC.
- ③ Complete the Part Number with the AC coil voltage. Standard voltages are **230 & 400V**, e.g. GH15LN-4-00-230AC.
- ④ Complete the Part Number with the AC/DC coil voltage. Standard voltages are **24 & 110V**, e.g. GH15LN-4-00-24AC/DC.
- ⑤ Complete the Part Number with the coil voltage. Standard voltages are **24, 48, 110 & 230V**, e.g. GH15MN-4-00-230AC/DC.
- ⑥ Complete the Part Number with the AC/DC coil voltage. Standard voltages are **24, 110 & 230V**, e.g. GH15RN-4-00-230AC/DC.

GH15FN-4 - GN-4
AC coil



GH15FN-4 - GN-4
DC coil

GH15HN-4 - JN-4
AC coil



GH15HN-4 - JN-4
DC coil

Notes:

- (a) AC-3 rated 400V AC, 3-phase motor.
- (b) AC-1 rated ≤ 400V, t ≤ 55°C.
- (c) DC-1 rated 24V DC, 1 pole.
- (d) GH15BL - LN: DC-1 rated 125V DC, 2 poles in series.
GH15MN - TN: DC-1 rated 125V DC, 1 pole.
- (e) Additional space may be required for optional terminal shrouds, auxiliary contacts, timer and for coil replacement.



GH15MN - PN
AC/DC coil



GH15RN - TN
AC/DC coil

Technical Specs at www.eic.nz

250 – 710kW

4NC & 2NO/2NC

STANDARD 4 POLE CONTACTORS....cont.

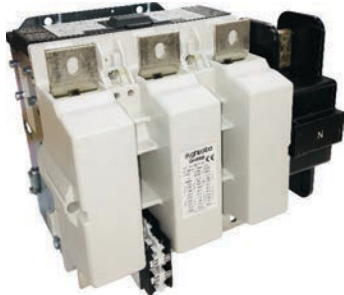
AC-3 ^(a)		AC-1 ^(b)	DC-1		POWER POLES		PART NUMBER	AUXILIARY CONTACTS			TERMINAL/ BOLT SIZE	MOUNTING	DIMENSIONS (mm) ^(e)		
kW	Amp.	Amp.	Amp. ^(c)	Amp. ^(d)	NO	NC		Max. NO	Max. NC	Type			High	Wide	Deep
4 NO Power Poles															
250	450	700	450	315	4	-	GH55B-3-22- ⑦ AC/DC plus NP800-5	4	4	EF22 (2NO + 2NC)	M10	Panel Mount	250	294	225
315	550	800	550	400			GH57B-3-22- ⑦ AC/DC plus NP800-5				258		294	225	
400	700	1,000	700	500			GH62-3-22- ⑧ AC/DC plus NP1000-6				307		348	291	
500	860	1,100	860	630			GH64-3-22- ⑧ AC/DC plus NP1000-6				361		348	291	
580	1,000	1,200	1,000	-			GH76-3-12-230AC ^(f) plus NP1000-7	3	4	EB11 (1NO + 1NC)	M12		490	410	345
710	1,200	1,350	1,200	-			GH78-3-12-230AC ^(f) plus NP1000-7								
4 NC Power Poles															
4	9	25	20	16	-	4	GH15BN-04-00- ① AC	6	4	See equivalent 4NO pole contactor <i>(accessories page 15)</i>	1.0 - 4.0mm ²	DIN Rail / Panel Mount	80	45	85
		GH15BL-04-00- ② DC	110												
		40	25	18			GH15DN-04-00- ⑤ AC								85
							GH15DL-04-00- ② DC								110
18.5	40	63	32	25			GH15GN-04-00- ① AC	7	5		2.5 - 35mm ²		114	80	105
45	95	135	90	90			GH15GN-04-00-24DC	6	4						127
							GH15LN-04-00- ③ AC	8	6	4 - 50mm ²	Panel Mount	142	105	130	
							GH15LN-04-00- ④ AC/DC								
2 NO / 2NC Power Poles															
4	9	25	20	16	2	2	GH15BN-22-00- ① AC	6	4	See equivalent 4NO pole contactor <i>(accessories page 15)</i>	1.0 - 4.0mm ²	DIN Rail / Panel Mount	80	45	85
		GH15BL-22-00- ② DC	110												
		40	25	18			GH15DN-22-00-240AC								85
							GH15DL-22-00- ② DC								110
45	95	63	32	25			GH15GN-22-00- ① AC	7	5		2.5 - 35mm ²		114	80	105
							GH15GN-22-00-24DC	6	4						127
45	95	135	90	90			GH15LN-22-00- ③ AC	8	6	4 - 50mm ²	Panel Mount	142	105	130	
							GH15LN-22-00- ④ AC/DC								

Notes : ① Complete the Part Number with the AC coil voltage. Standard voltages are **24, 48, 110, 230 & 400V**, e.g. GH15BN-04-00-230AC.
② Complete with Part Number with the DC coil voltage. Standard voltages are **24, 48 & 110V**, e.g. GH15BL-04-00-24DC.
③ Complete the Part Number with the AC coil voltage. Standard voltages are **230 & 400V**, e.g. GH15LN-04-00-230AC.
④ Complete the Part Number with the AC/DC coil voltage. Standard voltages are **24 & 110V**, e.g. GH15LN-04-00-24AC/DC.
⑤ Complete the Part Number with the AC coil voltage. Standard voltages are **24, 110 & 230V**, e.g. GH15DN-22-00-24AC.
⑦ Complete the Part Number with the AC/DC coil voltage. Standard voltages are **24, 110, 230 & 400V**, e.g. GH55B-3-22-110AC/DC.
⑧ Complete the Part Number with the AC/DC coil voltage. Standard voltages are **230 & 400V**, e.g. GH62-3-22-230AC/DC.

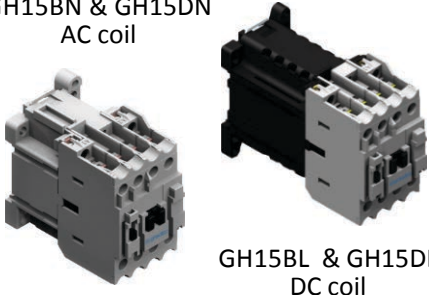
Notes : (a) AC-3 rated 400V AC, 3-phase motor.
(b) AC-1 rated ≤ 400V, t ≤ 55°C.
(c) DC-1 rated 24V DC, 1 pole.
(d) GH15BL - LN: DC-1 rated 125V DC, 2 poles in series.
GH55B - 64: DC-1 rated 125V DC, 1 pole.
(e) Additional space may be required for optional terminal shrouds, auxiliary contacts, timer and for coil replacement.
(f) Indent product, contact EIC for availability.

New products at www.eic.nz

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GH55B plus
NP800-5



GH15BN & GH15DN
AC coil

GH15BL & GH15DL
DC coil



GH15GN-04, GN-22
AC coil



GH15GN-04, GN-22
DC coil



GH15LN-04, LN-22
AC/DC coil

Latching

LATCHING BI-STABLE CONTACTORS

Page 1 for overview



GH15BN-ENML



GH15ET, FT, GSML



GH15FN, GNML



GH15GT, HT, JT ML

Accessories Page 15

AC-3		AC-1	PART NUMBER ^(a)	AUXILIARY CONTACTS			DIMENSIONS (mm)			
kW	Amp.	Amp.		Supplied	Maximum	Type	High	Wide	Deep	
3 Pole N/O Contactor - Magnetic Latch										
4	9	25	GH15BNML-3-10-24DC	1NO	6 Additional	Top Mount (GH15BN - GH15MT) GH15T01 (1NC) GH15T10 (1NO) (GH15BN-GH15TT) GH15T11 (1NO + 1NC) GH15T22 (2NO + 2NC) GH15T31 (3NO + 1NC) GH15T40 (4NO)	80	57	85	
5.5	12	30	GH15CNML-3-10-24DC						91	
7.5	16	40	GH15DNML-3-10-24DC							
11	25	45	GH15ETML-3-00-24DC	Nil	6 Total		GH15S11 (1NO + 1NC)	114	72	109
15	32	50	GH15FTML-3-00-24DC							
18.5	40	50	GH15GSML-3-00-24DC							
20	40	63	GH15GTML-3-00-24DC		7 Total			137	91	161
22	50	90	GH15HTML-3-00-24DC							
30	63	110	GH15JTML-3-00-24DC							
37	80	125	GH15KTML-3-00-24DC		4 - 8 (dependent on latch set-up)			Top Mount Timer GH320TP1	170	110
45	95	135	GH15LTML-3-00-24DC							
55	110	135	GH15MTML-3-00-24AC/DC							
75	150	250	GH15NTML-3-00-230AC/DC							
90	175	300	GH15PTML-3-00-230AC/DC							
110	210	350	GH15RTML-3-00-230AC/DC		200	145	239			
132	260	450	GH15STML-3-00-230AC/DC							
160	315	600	GH15TTML-3-00-230AC/DC							
3 Pole N/O Contactor - Mechanical Latch										
250	450	700	GH55B-3-22-①AC/DC plus AM5-②AC	2NO + 2NC	4NO + 4NC	EF22 (2NO + 2NC)	250	220	225	
315	550	800	GH57B-3-22-①AC/DC plus AM5-②AC				258	220	225	
4 Pole N/O Contactor - Magnetic Latch										
4	9	25	GH15BNML-4-00-24DC	Nil	6 Total	Top Mount (GH15BN - GH15ML) GH15T01 (1NC) GH15T10 (1NO)	80	57	85	
5.5	12	30	GH15CNML-4-00-24DC						105	
7.5	16	40	GH15DNML-4-00-24DC							
11	23	40	GH15ENML-4-00-24DC		7 Total		GH15S11 (1NO + 1NC)	114	72	105
15	32	50	GH15FNML-4-00-24DC							
20	40	63	GH15GNML-4-00-24DC							
22	50	90	GH15HNML-4-00-24DC		114			91	109	
30	63	110	GH15JNML-4-00-24DC							
45	95	135	GH15LNML-4-00-24AC/DC							
55	115	200	GH15MNML-4-00-230AC/DC		10 Total			142	117	130
75	150	250	GH15NNML-4-00-230AC/DC							
90	175	300	GH15PNML-4-00-230AC/DC		4 - 8 (dependent on latch set-up)	Side Mount GH15S11 (1NO + 1NC)	170	147	193	
110	210	350	GH15RNML-4-00-230AC/DC							
132	260	450	GH15SNML-4-00-230AC/DC							
160	315	600	GH15TNML-4-00-230AC/DC							
Top Mount Timer GH320TP1										



GH15KT, LTML



GH15MTML



GH15NT, PTML
GH15RT, ST, TTML



GH55B plus
AM5



GH15HN, JNML



GH15LNML

GH15MN, NN, PNML
GH15RN, SN, TNML



These contactors can maintain a closed position with the control circuit de-energised.
The latching function is mechanical or magnetic and the electrical supply is only required during the pick-up operating period. The contactor opens only when the tripping coil is energised.

For more detail - www.eic.nz

- Notes:
- ① Complete the Part Number with the coil voltage. Standard voltages are **24, 110, 230 & 400V**, e.g. GH55B-3-22-110AC/DC.
 - ② Complete the Part Number with the AC coil voltage. Standard voltages are **230 & 400V**, e.g. AM5-230AC. 24V & 48V are also possible on request.
GH15BNML-3 to GH15LTML-3 & GH15BNML-4 to GH15JNML-4 are also possible with 48VDC & 110VDC on request.
GH15MTML-3 & GH15LNML-4 are also possible with 110V & 230V on request.
 - (a) GH15NTML-3 to GH15TTML-3 & GH15MNML-4 to GHTNML-4 are also possible with 110V on request.
See the same size standard contactor for overload and mounting options.

Capacitor
Switching

Accessories

CAPACITOR SWITCHING CONTACTORS

The GH15RFT contactors have been developed for control of capacitor banks used in power factor correction. The early make special contact block links resistances, allowing a decrease of the in-rush current, ensuring less stress on inline components.

AC-6b RATED POWER		PART NUMBER	MAX. FUSE	OPERATIONS	TERMINAL SIZE
230V	400V				
7.5kVAr	15kVAr	GH15RFT1-3-10-①AC	32A	500,000	1.5 - 10mm ²
10kVAr	25kVAr	GH15RFT2-3-00-①AC	50A	400,000	
15kVAr	30kVAr	GH15RFT3-3-00-②AC	80A	250,000	4 - 35mm ²
25kVAr	50kVAr	GH15RFT5-3-00-②AC	125A	250,000	
30kVAr	60kVAr	GH15RFT6-3-00-②AC	160A	150,000	4 - 50mm ²

- Notes:
- ① Complete the Part Number with the AC coil voltage. Standard voltages are **24 & 230V**, e.g. GH15RFT1-3-10-24AC.
 - ② Complete the Part Number with the AC coil voltage. Standard voltages are **230 & 400V**, e.g. GH15RFT3-3-10-230AC.

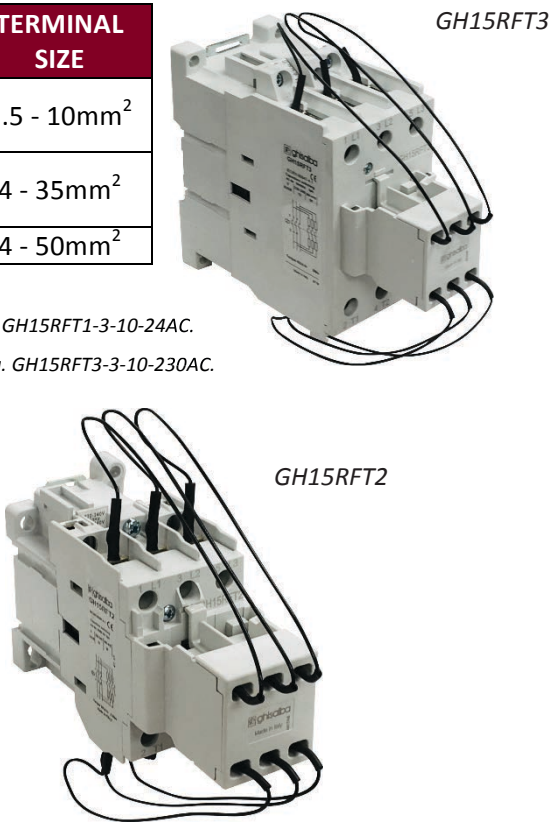
Associated Products

SAMWHA Power Factor Capacitors



ELCO power factor controllers





ACCESSORIES - Standard, Latching & Capacitor Contactors

Overloads - see page 19

PART NUMBER	DESCRIPTION
Auxiliary Contacts GH15 series	
GH15S11	Side Mount 1NO + 1NC
GH15S11-3A	Side Mount 1NO + 1NC add-on to GH15S11
GH15S11-LO	Side Mount 1NO + 1NC late opening NC
GH15T01	Top Mount 1NC
GH15T10	Top Mount 1NO
GH15T11	Top Mount 1NO + 1NC
GH15T22	Top Mount 2NO + 2NC
GH15T31	Top Mount 3NO + 1NC
GH15T40	Top Mount 4NO

PART NUMBER	DESCRIPTION
Auxiliary Contacts GH55B - GH78	
EF22	2NO + 2NC , GH55B-64
EB11	1NO + 1NC GH76-78
Pneumatic Timer GH15 series	
GH320TP1	Top Mount 0.3-30 sec.



PART NUMBER	DESCRIPTION
Connecting Links GH15 Series	
WKP4	Parallel Link 3 Pole GH15BL-EN FN
WKC4	Reversing Link Kit 3 Pole GH15BL-EN FN
WKC4B	Reversing Link Kit 3 Pole GH15BL-EN FN with interlock Parallel Link 3 Pole
WKP3	GH15LET FL FT GL GS
WKC3	Reversing Link Kit 3 Pole GH15LET FL FT GL GS
SP15D3	Paralleling Link 3 Pole BL-BN CL-CN DL-DN EL-EN
SP15F3	Paralleling Link 3 Pole GH15LET FL FT GL
Mechanical Interlock	
BM0H	GH15BL-LT MT
BM3H	GH15MN NN-TT
BM5H	GH55B-57B
BM56H	Matching GH55B-57B to GH62-64
BM6H	For GH62-64
BM7H	For GH76-78

PART NUMBER	DESCRIPTION
Terminal Shrouds	
MR3	Single Pole for GH15MN NN NT-PT
PR37	Terminal Shroud 3 Pole GHNT PT
PRT3	Terminal Shroud 3 Pole GH15RT ST TT
PR55	Terminal Shroud 3 Pole GH55B
Neutral Add-on Switching Poles GH55B - GH78	
NP800-5	For GH55B-57B 800A AC-1
NP1000-6	For GH62-64 1000A AC-1
NP1000-7	For GH76-78 1000A AC-1
Mechanical Latch GH55B - GH64	
AM5-230AC	For GH55B-57B 220-240VAC 50-60Hz
AM5-400AC	For GH55B-57B 380-415VAC 50-60Hz
AM6-230AC	For GH62-64 220-240VAC 50-60Hz
AM6-400AC	For GH62-64 380-415VAC 50-60Hz

Replacement coils and spring sets are also available. Contact EIC for details.



Shock Resistant

Mini

SHOCK RESISTANT CONTACTORS

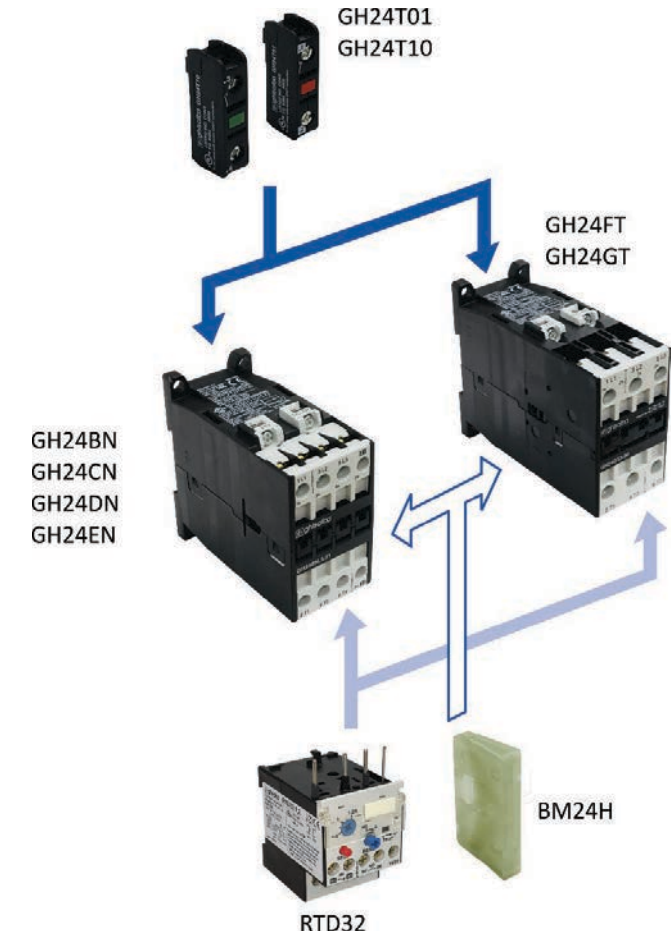
3 Pole Contactor

AC-3		AC-1	PART NUMBER	AUX. CONTACTS		MOUNT	DIMENSIONS (mm)			
kW	Amp.	Amp.		Supplied	Maximum		High	Wide	Deep	Depth with Aux.
4	10	25	GH24BN-3-01-24DC	1NC	4 additional	DIN rail or Panel Mount	86	45	94	111
			GH24BN-3-10-24DC	1NO						
5.5	14		GH24CN-3-01-24DC	1NC						
			GH24CN-3-10-24DC	1NO						
7.5	18	32	GH24DN-3-01-24DC	1NC						
			GH24DN-3-10-24DC	1NO						
11	22		GH24EN-3-01-24DC	1NC						
			GH24EN-3-10-24DC	1NO						
15	32	65	GH24FT-3-00-24DC	-	4		86	45	108	125
18.5	40	80	GH24GT-3-00-24DC		Total					

Four pole versions available on request.

Accessories

PART NUMBER	DESCRIPTION	RATINGS	
		AC-15	DC-13
GH24T01	Auxiliary contact 1NC	3A 230V	2A/0.4A/0.1A
GH24T10	Auxiliary contact 1NO	2A 400V	60V/110V/220V
BM24H	Mechanical Interlock		
RTD32-0.6 to RTD32-32	Overload - thermomagnetic 0.4 - 32A (see page 19)		



- High resistance against shocks by use of permanent magnets.

Resistance to shock 20ms sinewave	
GH24 series	GH15 series
10g	6g

- Low coil consumption 3W on pick-up and hold. Suitable for PLC operation.
- Built in suppressor to reduce electromagnetic interference and overvoltage.
- Compact only 45mm wide.

MINI CONTACTORS

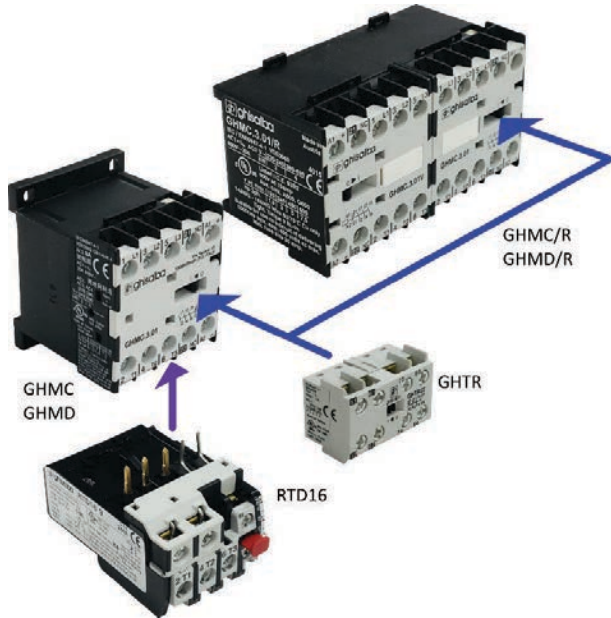
AC-3 ^(a)		AC-1 ^(b)	PART NUMBER	AUXILIARY CONTACTS			MOUNT	DIMENSIONS (mm)								
kW	Amp.	Amp.		Supplied	Maximum	Type		High	Wide	Deep						
3 Pole N/O Contactors																
4	9	20	GHMC-3-01-❶AC	1NC	4 additional	Top Mount GHTR02 (2NC) GHTR11 (1NO + 1NC) GHTR22 (2NO + 2NC) GHTR40 (4NO)	DIN Rail or Panel Mount	57.5	45	49						
			GHMC-3-10-❶AC	1NO												
			GHMC-3-01-24DC	1NC												
			GHMC-3-10-24DC	1NO												
5.5	12		GHMD-3-01-❷AC	1NC												
			GHMD-3-10-❸AC	1NO												
			GHMD-3-01-24DC	1NC												
			GHMD-3-10-24DC	1NO												
3 Pole N/O Reversing Contactors																
4	9	20	GHMC-3-01/R-❹AC	1NC	4 additional per contactor	Top Mount GHTR02 (2NC) GHTR11 (1NO + 1NC) GHTR22 (2NO + 2NC) GHTR40 (4NO)	DIN Rail	50	90	49						
			GHMC-3-01/R-24DC	1NC												
			GHMC-3-10/R-24DC	1NO												
5.5	12		GHMD-3-10/R-230AC	1NO												
4 Pole N/O Contactors																
4	9	20	GHMC-4-00-❺AC	-	4 Total	Same as above	DIN Rail or Panel Mount	57.5	45	49						
			GHMC-4-00-❻DC													
5.5	12		GHMD-4-00-❺AC													
2NO/2NC Pole Contactors																
4	9	20	GHMC-22-00-24AC	-	4 Total	Same as above	DIN/ Panel	57.5	45	49						
			GHMC-22-00-230AC													
4 Pole N/O Reversing Contactors																
4	9	20	GHMC-4-00/R-24AC	-	4 Total / contactor	Same as above	DIN Rail	50	90	49						
			GHMC-4-00/R-230AC													

Notes:

- Complete the Part Number with the AC coil voltage. Standard voltages are **24, 110, 230 & 400V**, e.g. GHMC-3-01-230AC.
- Complete the Part Number with the AC coil voltage. Standard voltages are **24, 230 & 400V**, e.g. GHMD-3-01-230AC.
- Complete the Part Number with the AC coil voltage. Standard voltages are **24, 110, 230 & 400V**, e.g. GHMD-3-10-230AC.
- Complete the Part Number with the AC coil voltage. Standard voltages are **24, 230 & 400V**, e.g. GHMC-3-01/R-230AC.
- Complete the Part Number with the AC coil voltage. Standard voltages are **24 & 230V**, e.g. GHMC-4-00-24AC.
- Complete the Part Number with the DC coil voltage. Standard voltages are **24 & 110V**, e.g. GHMC-4-00-110DC.

(a) AC-3 rated 400V AC, 3-phase motor.

(b) AC-1 rated ≤ 400V, t ≤ 55°C.



Accessories

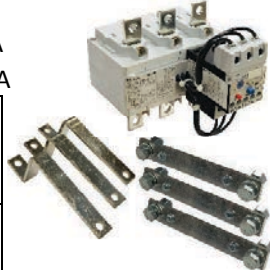
PART NUMBER	DESCRIPTION	RATING AC-15
GHTR11	Auxiliary Contact 1NO + 1NC	3A 230V 2A 400V
GHTR02	Auxiliary Contact 2NC	
GHTR22	Auxiliary Contact 2NO + 2NC	
GHTR40	Auxiliary Contact 4NO	
RTD16-0.6 to RTD16-14	Overload - thermomagnetic 0.4 - 14A (see page 19)	

Overloads

Manual Motor Starters

OVERLOAD - Motor Protection

Thermomagnetic Overload Relays

PART NUMBER		CURRENT RANGE		PART NUMBER		CURRENT RANGE	
Suit: GH15BL-3...GL-3				Suit: GH15BL-3...GL-3 GH24BN-3...GH24GT-3			
TOR-C 0.8	0.55 - 0.8A			RTD32-0.6	0.4 - 0.6A		
TOR-C 1	0.75 - 1A			RTD32-0.9	0.6 - 0.9A		
TOR-C 1.3	0.9 - 1.3A			RTD32-1.2	0.8 - 1.2A		
TOR-C 1.6	1.1 - 1.6A			RTD32-1.8	1.2 - 1.8A		
TOR-C 2.0	1.4 - 2A			RTD32-2.7	1.8 - 2.7A		
TOR-C 2.5	1.8 - 2.5A			RTD32-4	2.7 - 4A		
TOR-C 3.2	2.3 - 3.2A			RTD32-6	4 - 6A		
TOR-C 4.0	2.9 - 4A			RTD32-9	6 - 9A		
TOR-C 4.8	3.5 - 4.8A			RTD32-11	8 - 11A		
TOR-C 6.3	4.5 - 6.3A			RTD32-14	10 - 14A		
TOR-C 7.5	5.5 - 7.5A		RTD32-18	13 - 18A			
TOR-C 10	7.2 - 10A		RTD32-24	17 - 24A			
TOR-C 12.5	9 - 12.5A		RTD32-32	23 - 32A			
TOR-C 16	11.3 - 16A		U3-32SM	Mounting Base			
TOR-SM ^(a)	Mounting Base						
Suit: GH15GT-3...JT-3				Suit: GH15KT-3...PT-3			
RTD65-28	20 - 28A			RTD180-90	60 - 90A		
RTD65-42	28 - 42A			RTD180-120	80 - 120A		
RTD65-52 ^(b)	40 - 52A			RTD180-180 ^(c)	120 - 180A		
RTD65-65 ^(b)	52 - 65A			BRP180	Link Set GH15N ... P & RTD180		
LG58302	Connecting Wire Set			BRX180	Independent Link-Set		
U3-42G	DIN Rail Mount						
U60SM	Terminal Adaptor Block						
Suit: GH15KT-3...LT-3				Suit: GH15RT-3...TT-3			
RTD74-74	60 - 74A						
LG58302	Connecting Wire Set		RTD320-216 ^(d)	144 - 216A			
U3-42G	DIN Rail Mount		RTD320-320 ^(d)	216 - 320A			
				BRX180	Independent Link-Set		
Suit: GH55B...57B GH62...64				Suit: GH55B...57B GH62...64			
				RTD800-360 ^(d)	240 - 360A		
				RTD800-540 ^(d)	360 - 560A		
				RTD800-800 ^(d)	540 - 800A		
				BR56 ^(d)	Independent Link-Set		
				BR66 ^(d)	Independent Link-Set		
Suit: GHMC & GHMD mini contactors							
RTD16-0.6	0.4 - 0.6A						
RTD16-0.9	0.6 - 0.9A		RTD16-4	2.7 - 4A			
RTD16-1.2	0.8 - 1.2A		RTD16-6	4 - 6A			
RTD16-1.8	1.2 - 1.8A		RTD16-9	6 - 9A			
RTD16-2.7	1.8 - 2.7A		RTD16-11	8 - 11A			
			RTD16-14	10 - 14A			

Notes:

- (a) Includes DIN rail mounting
(b) U60SM terminal adaptor included

- (c) Includes BRP180 link set
(d) Available on indent



Electronic Overloads

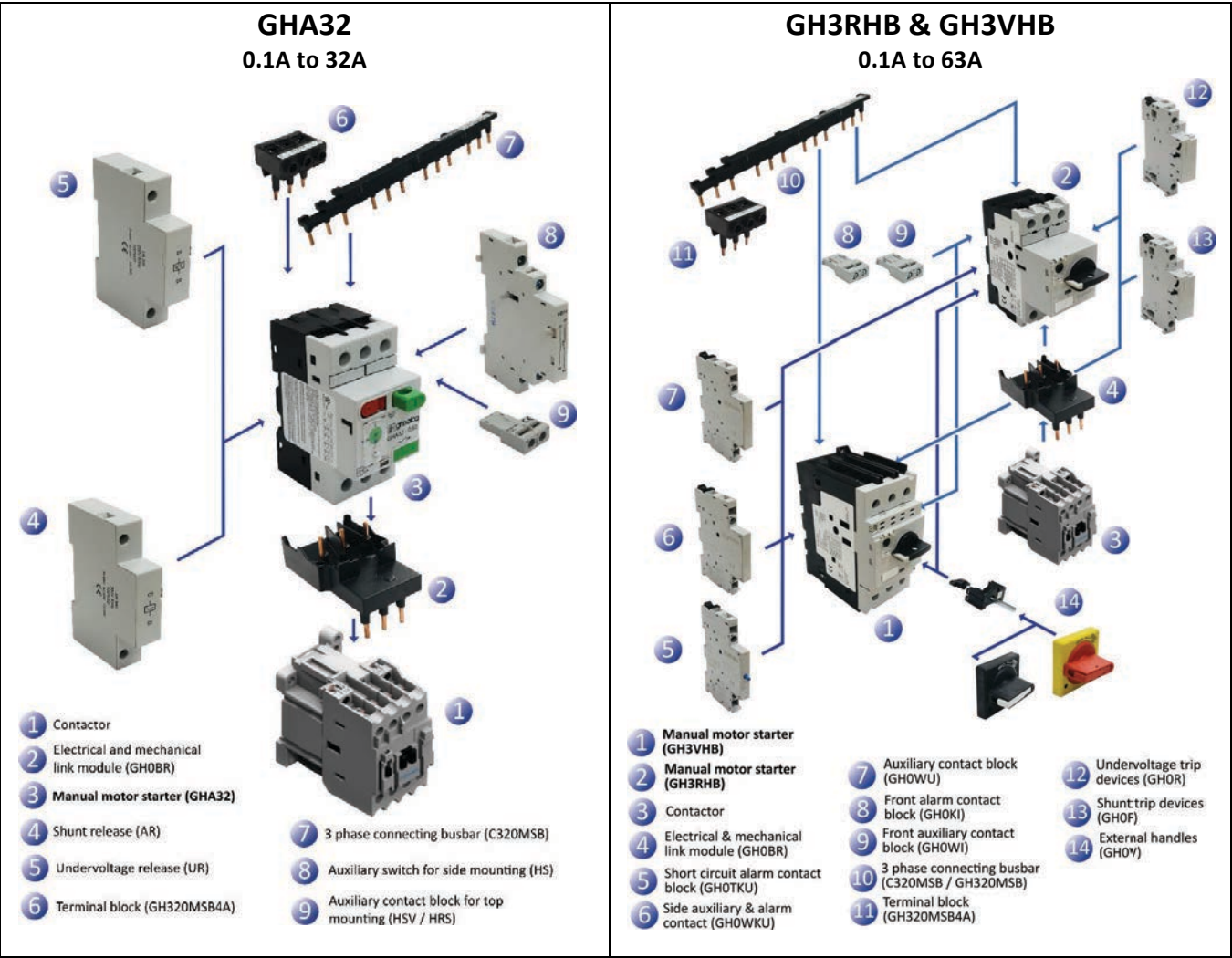
EIC has a range of electronic overload motor protection relays from Samwha. See www.eic.nz for details.

MANUAL MOTOR STARTERS - Motor Protection Circuit Breakers

Manual motor starters are utilised to switch motors on/off manually and to provide fuseless protection against short circuit, overload and phase failures. Ghisalba has three different sizes and represents efficient protection for 3-phase motors up to 63A 30kW AC-3 400-415V.

Features:

- Setting ranges (from 0.1 to 63A)
- Pushbutton control for current range 0.1 - 31A
- Complete range of auxiliary contacts and other accessories
- DIN rail mountable
- High breaking capacity (up to 100kA at 400-415V)
- Rotary handle operator with ON-TRIP-OFF showing position for immediate status indication 0.1 - 63A
- Specification: IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, IEC/EN 60947-5-1
- Conformity: cULus



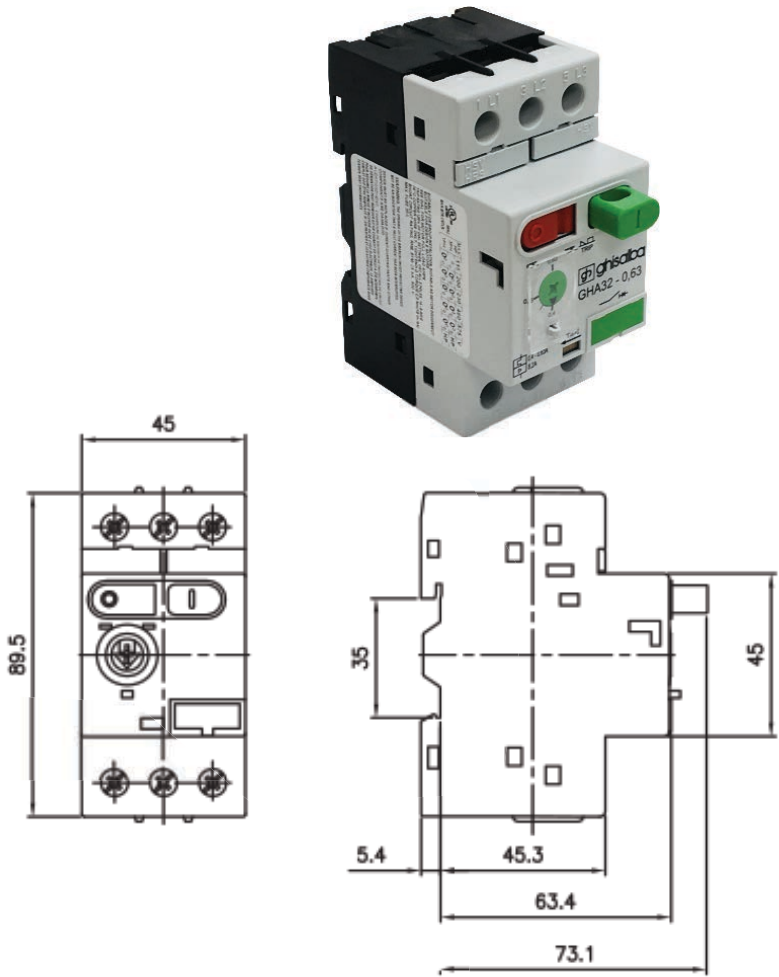
See www.eic.nz for technical details

GHA32 & GH3 MMS

MANUAL MOTOR STARTER - 0.1 - 32A single or 3-phase

TRIPPING RANGE	PART NUMBER	SHORT CIRCUIT TRIP
0.1 - 0.16A	GHA32-0.16	2A
0.16 - 0.25A	GHA32-0.25	3A
0.25 - 0.4A	GHA32-0.4	5A
0.4 - 0.63A	GHA32-0.63	8A
0.63 - 1A	GHA32-1	12A
1 - 1.6A	GH32-1.6	20A
1.6 - 2.5A	GHA32-2.5	33A
2.5 - 4A	GHA32-4	44A
4 - 6.3A	GHA32-6.3	75A
6.3 - 10A	GHA32-10	120A
9 - 14A	GHA32-14	160A
13 - 18A	GHA32-18	230A
17 - 23A	GHA32-23	270A
20 - 27A	GHA32-27	360A
25 - 32A	GHA32-32	400A

Datasheets at www.eic.nz



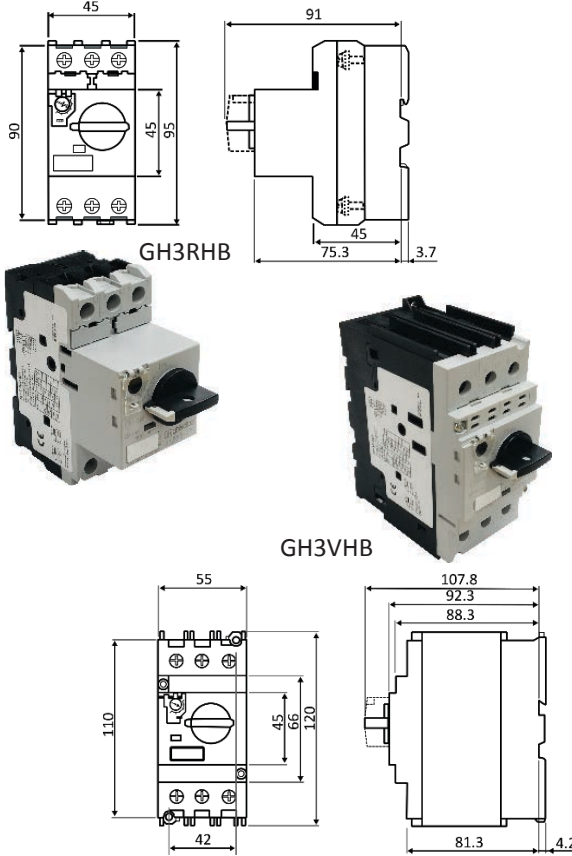
Accessories

PART NUMBER	DESCRIPTION
Auxiliary Contact Block	
HS11	1NO + 1NC side mount
HS20	2NO side mount AC-15 250V 1.5A DC-13 250V 0.1A
HSV01	1NC top mount
HSV10	1NO top mount
HRS01	1NC trip indication left top mount
HRS10	1NO trip indication left top mount AC-15 250V 1.5A DC-13 250V 0.22A
Shunt Release Coil	
AR 220/50	230VAC left side mount
AR 380/50	400VAC left side mount
Undervoltage Release	
UR 220/50	230VAC left side mount
UR 380/50	400VAC left side mount Drop-out voltage 0.35-0.7U_c hold-in voltage 0.85-1.1U_c

PART NUMBER	DESCRIPTION
Enclosure	
FP-55	Plastic flush mount IP55 130x85x95mm
HO-55	Plastic surface mount IP55 153x85x100mm
3-Phase Connecting Busbar	
GH320MSB2	Link 4 x GHA32
GH320MSB3	Link 5 x GHA32 45mm pitch
C320MSB2	Link 4 x GHA32 + side aux.
C320MSB3	Link 5 x GHA32 + side aux. 54mm pitch
Terminal Block	
GH320MSB4A	External feed 25mm ²
Link Modules	
GHBR1	GH15BL ... EN contactors
GHBR2	GH15ET ... FT contactors

MANUAL MOTOR STARTERS GH3RHB & GH3VHB - 0.1 - 63A rotary switch type

TRIPPING RANGE	PART NUMBER	SHORT CIRCUIT TRIP	AC-3 RATED POWER	
			Single Phase 200 - 240V	3 Phase 380 - 440V
0.1 - 0.16A	GH3RHB-P16	2.1A	-	0.02kW
0.16 - 0.25A	GH3RHB-P25	3.3A	0.03kW	0.06kW
0.25 - 0.4A	GH3RHB-P40	5.2A	0.06kW	0.1kW
0.4 - 0.63A	GH3RHB-P63	8.2A	0.06kW	0.12kW
0.63 - 1A	GH3RHB-001	13A	0.1kW	0.2kW
1 - 1.6A	GH3RHB-1P6	20.8A	0.2kW	0.4kW
1.6 - 2.5A	GH3RHB-2P5	32.5A	0.4kW	0.75kW
2.5 - 4A	GH3RHB-004	52A	0.75kW	1.5kW
4 - 6.3A	GH3RHB-6P3	81.9A	1.5kW	2.2kW
6.3 - 10A	GH3RHB-010	130A	2.2kW	3.7kW
9 - 13A	GH3RHB-013	169A	2.2kW	5.5kW
11 - 16A	GH3RHB-016	208A	3.7kW	7.5kW
14 - 20A	GH3RHB-020	260A	3.7kW	7.5kW
19 - 25A	GH3RHB-025	325A	5.5kW	11kW
24 - 32A	GH3RHB-032	416A	7.5kW	15kW
28 - 40A	GH3VHB-040	520A	7.5kW	18.5kW
35 - 50A	GH3VHB-050	650A	11kW	22kW
45 - 63A	GH3VHB-063	819A	15kW	30kW



Accessories

PART NO.	DESCRIPTION
Left Side Auxiliary Contacts & Alarms	
GH0WUAAL	2NO on/off indication
GH0WUABL	1NO+1NC on/off indication
GH0WUBBL	2NC on/off indication
GH0WKUAA	1NO aux. + 1NO trip indication
GH0WKUAB	1NO aux. + 1NC trip indication
GH0WKUBA	1NC aux. + 1NO trip indication
GH0WKUBB	1NC aux. + 1NC trip indication trip displayed in the indication window at the front face
GH0TKUAB	1NO+1NC short cct alarm with blue reset AC-15 230V 4A DC-13 220V 0.5A
Top Auxiliary Contacts & Alarms	
GH0WIA	1NO on/off indication
GH0WIB	1NC on/off indication
GH0KIA	1NO trip indication, RH mount only
GH0KIB	1NC trip indication, RH mount only AC-15 230V 1.5A DC-13 220V 0.27A
Right Side Undervoltage Trip Release	
GH0RAZ1U	24V 50Hz
GH0RFZU	220-230V 50Hz
GH0RHZU	380-400V 50Hz drop-out 0.35-0.7U_c, hold-in 0.85-1.1U_c cannot be used with shunt trip

PART NO.	DESCRIPTION
Right Side Shunt Trip Release	
GH0FAZU	24V 50Hz
GH0FFZU	220-230V 50Hz
GH0FHZU	380-400 50Hz
GH0FKSUD	24-60V DC
3 Phase Connecting Busbar	
GH320MSB2	Link 4 x MMS
GH320MSB3	Link 5 x MMS GH3RHB 45mm pitch
C320MSB2	Link 4 x MMS
C320MSB3	Link 5 x MMS GH3RHB 54mm pitch space for side auxiliary GH3VHB 54mm pitch nil side auxiliary
Terminal Block	
GH320MSB4A	GH3RHB external feed 25mm ²
GH3RHB Link Modules	
GH0BR1	GH15BL ... EN contactors
GH0BR2	GH15ET ... FT contactors
External Handle	
GH0VBBL	GH3RHB black handle
GH0VBBM	GH3VHB block handle
GH0VYRL	GH3RHB yellow/red handle
GH0VYRM	GH3VHB yellow/red handle interlock handle with 115mm shaft

Load Break Switches

LOAD BREAK SWITCHES

A load break switch is capable of closing, carrying and breaking currents, under normal load conditions. When in the open position, it must comply with the isolating requirements specified for a disconnecter.

EIC has a range of Ghisalba load break switches starting with a compact range (SM) 40 to 125A, a high current 3P/4P range (SZ) up to 630A and a fused overload range (KSZ) also up to 630A.

There is also a range of accessories including auxiliary contacts, emergency red/yellow door handles etc.

COMPACT LOAD BREAK SWITCH SM SERIES - 40-125A

- Features:
- ☐ Compact space saving size

☐ Position indicator

☐ Lockable handles

☐ 3 position change-over kit

☐ DIN-rail mounting

☐ Door/panel mount kits

☐ Interlock handles IP65

☐ Snap-on auxiliary contacts

RATING AC-22A	PART NUMBER	RATING AC-23A	TERMINAL SIZE
40A	SM3-40	40A	1.5 - 16mm ²
80A	SM3-80	63A	2.5 - 35mm ²
125A	SM3-125	63A	2.5 - 35mm ²

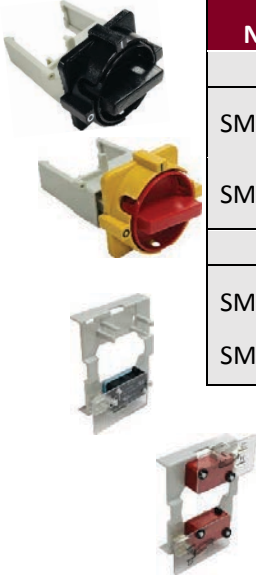
Notes:
AC-23A frequent switching of motor loads or other highly inductive loads.
4 pole load break switches available on request.

Handles and extension shafts are ordered separately.

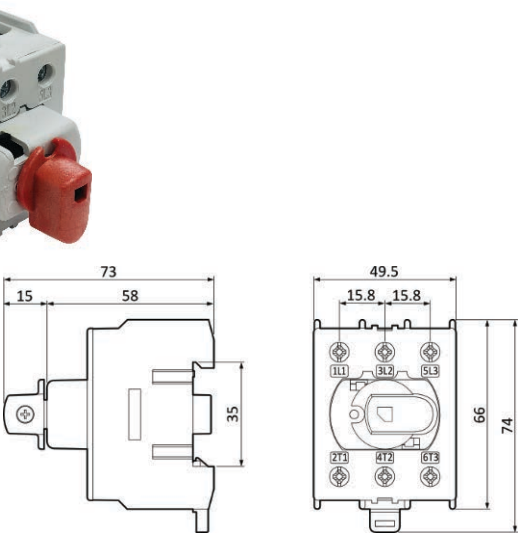
Accessories



PART NUMBER	DESCRIPTION
Door Interlock Handles	
89500	Black IP65
SM-HA 2Y/R	Yellow/red IP65
Extension Shafts	
89535-100	100mm shaft
89535-200	200mm shaft
89535-300	300mm shaft
Direct Handle Mount	
89522	Black handle
Change-over Kit	
SM-KC 1-0-2	3 position kit for two SM3 switches



PART NUMBER	DESCRIPTION
Door/Panel Mounting Kit	
SM-DM	Door mounting kit black handle IP65
SM-DM Y/R	Door mounting kit red/yellow handle IP65
Auxiliary Contacts	
SM-T11	1CO front mount
SM-T22	2CO front mount



More detail at www.eic.nz

LOAD BREAK SWITCH SZ SERIES - 125 - 630A

- Features:
- ☐ 125 - 630A rating

☐ Supplied with IP65 handle and shaft

☐ Self-cleaning contacts

☐ 3 & 4 pole

☐ Auxiliary contacts available

☐ Neutral contact makes earlier / breaks later than phase contacts

POLES	RATING		PART NUMBER	TERMINAL/ BOLT SIZE
	AC-22	AC-23		
3	125A	125A	SZ3-125	6 - 70mm ²
3	160A	125A	SZ3-160	6 - 70mm ²
3	200A	200A	SZ3-200	M10
3	250A	250A	SZ3-250	M10
3	315A	315A	SZ3-315	M10
3	400A	400A	SZ3-400	M10
3	630A	630A	SZ3-630	M12
4	125A	125A	SZ4-125	6 - 70mm ²
4	160A	125A	SZ4-160	6 - 70mm ²
4	200A	200A	SZ4-200	M10
4	250A	250A	SZ4-250	M10
4	315A	315A	SZ4-315	M10
4	400A	400A	SZ4-400	M10
4	630A	630A	SZ4-630	M12

Notes:
AC-22 Switching of mixed resistive and inductive loads, including moderate overloads.
AC-23 Switching of motor loads or other highly inductive loads.



FUSED LOAD BREAK SWITCH KSZ SERIES - 80-630A

- Features:
- ☐ 80 - 630A rating

☐ Supplied with fuse covers, IP65 handle & shaft

☐ Fuse terminals isolated on both sides when open

☐ 3 & 4 pole

☐ Auxiliary contacts available

☐ Neutral contacts make earlier / break later than phase contacts

POLES	RATING		PART NUMBER	FUSE TYPE	TERMINAL/ BOLT SIZE
	AC-22	AC-23			
3	80A	80A	KSZ3-80	NH 00	2.5 - 35mm ²
3	125A	125A	KSZ3-125	NH 00	6 - 70mm ²
3	160A	125A	KSZ3-160	NH 00	6 - 70mm ²
3	250A	250A	KSZ3-250	NH 1	M10
3	400A	400A	KSZ3-400	NH 2	M10
3	630A	630A	KSZ3-630	NH 3	M12
4	80A	80A	KSZ4-80	NH 00	2.5 - 35mm ²
4	125A	125A	KSZ4-125	NH 00	6 - 70mm ²
4	250A	250A	KSZ4-250	NH 1	M10
4	400A	400A	KSZ4-400	NH2	M10
4	630A	630A	KSZ4-630	NH 3	M12

Notes:
AC-22 Switching of mixed resistive and inductive loads, including moderate overloads.
AC-23 Switching of motor loads or other highly inductive loads.



Enclosed Switches

Accessories

METAL ENCLOSED LOAD BREAK SWITCHES

Metal enclosed load break switches include IP65 door interlock handles. The CVS enclosures are from the extensive range carried by EIC.

POLES	RATING AC-22	ENCLOSURE (H x W x D) (mm)	PART NUMBER		
			Powder Coated	304 Stainless Steel	316 Stainless Steel
3	125A	400 x 300 x 200	SZ3-125M	SZ3-125MS	SZ3-125MS-316
3	250A	600 x 400 x 250	SZ3-250M	SZ3-250MS	SZ3-250MS-316
		600 x 500 x 250			
3	400A	600 x 500 x 250	SZ3-400M	SZ3-400MS	SZ3-400MS-316
3	630A	800 x 600 x 250	SZ3-630M	SZ3-630MS	SZ3-630MS-316
4	125A	400 x 400 x 200	SZ4-125M	SZ4-125MS	SZ4-125MS-316
	250A	600 x 500 x 250	SZ4-250M	SZ4-250MS	SZ4-250MS-316
	400A	600 x 600 x 250	SZ4-400M	SZ4-400MS	SZ4-400MS-316
	630A	800 x 600 x 250	SZ4-630M	SZ4-630MS	SZ4-630MS-316



Metal Enclosed Fused Load Break Switches

POLES	RATING AC-22	ENCLOSURE (H x W x D) (mm)	PART NUMBER		
			Powder Coated	304 Stainless Steel	316 Stainless Steel
3	125A	400 x 300 x 200	KSZ3-125M	KSZ3-125MS	KSZ3-125MS-316
3	250A	600 x 400 x 250	KSZ3-250M	KSZ3-250MS	KSZ3-250MS-316
		600 x 500 x 250			
3	400A	600 x 500 x 250	KSZ3-400M	KSZ3-400MS	KSZ3-400MS-316
3	630A	800 x 600 x 250	KSZ3-630M	KSZ3-630MS	KSZ3-630MS-316
4	125A	400 x 400 x 200	KSZ4-125M	KSZ4-125MS	KSZ4-125MS-316
	250A	600 x 500 x 250	KSZ4-250M	KSZ4-250MS	KSZ4-250MS-316
	400A	600 x 600 x 250	KSZ4-400M	KSZ4-400MS	KSZ4-400MS-316
	630A	800 x 600 x 250	KSZ4-630M	KSZ4-630MS	KSZ4-630MS-316



Contact EIC if you require other load break switch and enclosure combinations.

Accessories

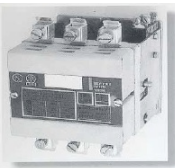
PART NUMBER	DESCRIPTION
Door Interlock Handles	
SM-HC	Black handle 80-160A IP65
SM-HC Y/R	Red/yellow handle 80-160A IP65
SM-HE	Black handle 200-630A IP65
SM-HE Y/R	Red/yellow handle 200-630A IP65
Extension Shafts	
SM-SC300	SM-HC shaft 300mm
LVK-320	SM-HE shaft 320mm



PART NUMBER	DESCRIPTION
Terminal Cover	
LS-125	1 pole 80-160A
LS-250	1 pole 200-250A
PRK-SZ3250	3 pole 200-250A
PRK-SZ3400	3 pole 315-400A
PRK-SZ3630	3 pole 630A
PRK-SZ4250	4 pole 200-250A
PRK-SZ4400	4 pole 315-400A
PRK-SZ4630	4 pole 630A
Auxiliary Contacts	
SMD-T11	1CO side mount
SMD-T22	2CO side mount

GHISALBA PROFILE

Renato Ghisalba started his business in 1947 re-wiring FIAT factory machinery damaged during WW2, from an electromechanical workshop in Turin, Italy.



In 1956, Ghisalba was the first company in Europe to design and manufacture a compact contactor, the ELCOMATIC series.

This first step has now grown to include one of the widest range of contactors in the world, designed for every need and application.

In 1964, Ghisalba designed and manufactured shockproof contactors up to 100g shock resistance in 3 axes. They are still the only company in Europe to do so. These custom-made contactors are used by navies, armies, mining machinery manufacturers, the petrochemical, transportation and renewable energy industries.



Ghisalba's 6,800m² plant has five dedicated assembly lines along with their certified testing laboratory ensuring an unrivalled in-house manufactured product.

Along with their standard and customised contactors, Ghisalba also has ranges that are optimised for DC switching, PCB mounted mini-contactors, photovoltaic insolation switches, safety contactors with mirror contacts or mechanical links.



EIC has been importing Ghisalba products for over 30 years. We continue to expand the Ghisalba range of contactors in stock but can source others as required.



EIC also carries an extensive range of the Ghisalba 22mm pushbuttons, switches, joysticks and pilot lights. This IP66 range includes 5-position switches and key switches that are actually IP66, not the industry standard IP20. Gold plated contact blocks are available for current critical operations with PLCs.

See www.eic.nz for more information.



Quality Electrical Components for Industry



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