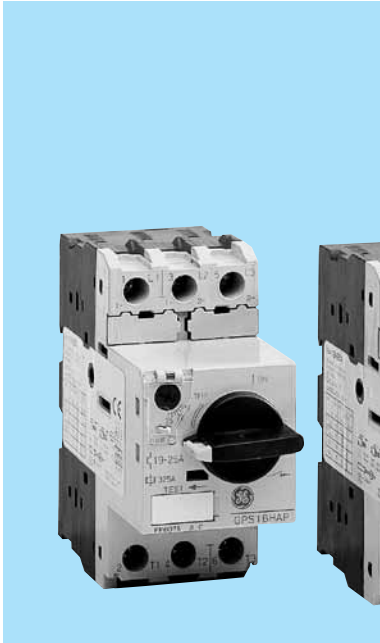


**Thermal and magnetic protection**

**GPS1B**



**Standards/Approvals**

IEC 60947-1, 60947-2, 60947-4-1  
 DIN VDE 0660T 100/101/102  
 UL508/CSA - UL508/cULus  
 Shipping approvals:



RINA



Bureau Veritas



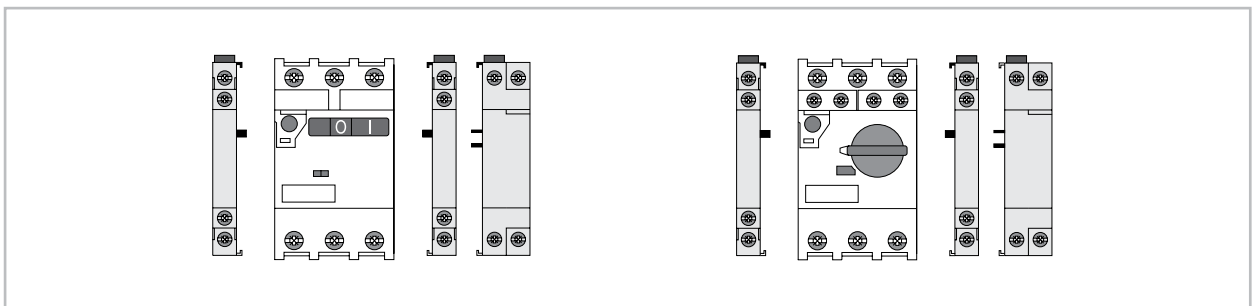
Lloyd's Register  
 Germanischer Lloyd



**Characteristics**

- Rocker and rotary handle operator
- Thermal and magnetic protection
- Standard and high breaking capacity  
 Icu = 100kA G Ics = 100% Icu  
 Icu < 100kA G Ics min. 75% Icu
- Clear identification of the operation state (ON-OFF-tripped)
- Ambient temperature compensation
- Phase failure protection

**Auxiliaries**



**Technical performances**

**Accessories**

Auxiliaries		pg. B.16
Busbar system		pg. B.19
Technical data		pg. B.22
Dimensions		pg. B.28

<b>Rated current I<sub>n</sub></b>	(A)	0.1-32
<b>Rated operational current I<sub>e</sub> (A)</b>		0.1-32
<b>Rated power at 400Vac</b>	(kW)	0.02-15
<b>Utilisation category</b>		
IEC 60947-2 (circuit breaker)		A
IEC 60947-4-1 (MMS)		AC-3
<b>Tripping class IEC 60947-4-1</b>		10
<b>Magnetic release I<sub>e</sub> max.</b>	(A)	x13
<b>Mechanical/electrical endurance</b>		100,000



**GPS1B - Standard breaking capacity**

CLASS 10	Rated power 3 phase motors at 400Vac Pn	Rated current In (1)	Thermal current setting range	Instantaneous short-circuit release	Rated ultimate short-circuit breaking capacity at 400V Icu (kA)	Rated service short-circuit breaking capacity at 400V Ics (kA)	Cat. no.	Ref. no.	Pack.
	(kW)	(A)	(A)	(A)					
	0.02	0.16	0.1 - 0.16	2.1	100	100	GPS1BSAA	101211	5
	0.06	0.25	0.16 - 0.25	3.3	100	100	GPS1BSAB	101212	5
	0.09	0.4	0.25 - 0.4	5.2	100	100	GPS1BSAC	101213	5
	0.12/0.18	0.63	0.4 - 0.63	8.2	100	100	GPS1BSAD	101214	5
	0.25	1	0.63 - 1	13	100	100	GPS1BSAE	101215	5
	0.37/0.55	1.6	1 - 1.6	20.8	100	100	GPS1BSAF	101216	5
	0.75	2.5	1.6 - 2.5	32.5	100	100	GPS1BSAG	101217	5
	1.5	4	2.5 - 4	52	100	100	GPS1BSAH	101218	5
	2.2	6.3	4 - 6.3	81.9	100	100	GPS1BSAJ	101219	5
	3/4	10	6.3 - 10	130	100	100	GPS1BSAK	101220	5
	5.5	13	9 - 13	169	50	38	GPS1BSAL	101221	5
	7.5	16	11 - 16	208	25	19	GPS1BSAM	101222	5
	10	20	14 - 20	260	25	19	GPS1BSAN	101223	5
	11	25	19 - 25	325	25	19	GPS1BSAP	101224	5
	15	32	24 - 32	416	25	19	GPS1BSAR	101225	5



**Multipack  
by 40**

To reduce the amount of waste packaging material and to save time during installation, we offer the opportunity to order manual motor starters in a multipack without the individual packaging.

	0.02	0.16	0.1 - 0.16	2.1	100	100	GPS1BSAAMP	101195	40
	0.06	0.25	0.16 - 0.25	3.3	100	100	GPS1BSABMP	101196	40
	0.09	0.4	0.25 - 0.4	5.2	100	100	GPS1BSACMP	101197	40
	0.12/0.18	0.63	0.4 - 0.63	8.2	100	100	GPS1BSADMP	101198	40
	0.25	1	0.63 - 1	13	100	100	GPS1BSAEMP	101199	40
	0.37/0.55	1.6	1 - 1.6	20.8	100	100	GPS1BSAFMP	101200	40
	0.75	2.5	1.6 - 2.5	32.5	100	100	GPS1BSAGMP	101201	40
	1.5	4	2.5 - 4	52	100	100	GPS1BSAHMP	101202	40
	2.2	6.3	4 - 6.3	81.9	100	100	GPS1BSAJMP	101203	40
	3/4	10	6.3 - 10	130	100	100	GPS1BSAKMP	101204	40
	5.5	13	9 - 13	169	50	38	GPS1BSALMP	101205	40
	7.5	16	11 - 16	208	25	19	GPS1BSAMMP	101206	40
	10	20	14 - 20	260	25	19	GPS1BSANMP	101207	40
	11	25	19 - 25	325	25	19	GPS1BSAPMP	101208	40
	15	32	24 - 32	416	25	19	GPS1BSARMP	101209	40

(1) Rated current: highest thermal current setting range value.

**GPS1B - High breaking capacity.**

CLASS 10	Rated power 3 phase motors at 400Vac Pn	Rated current In (1)	Thermal current setting range	Instantaneous short-circuit release	Rated ultimate short-circuit breaking capacity at 400V Icu (kA)	Rated service short-circuit breaking capacity at 400V Ics (kA)	Cat. no.	Ref. no.	Pack.
	(kW)	(A)	(A)	(A)					
	0.02	0.16	0.1 - 0.16	2.1	100	100	GPS1BHAA	101234	5
	0.06	0.25	0.16 - 0.25	3.3	100	100	GPS1BHAB	101235	5
	0.09	0.4	0.25 - 0.4	5.2	100	100	GPS1BHAC	101236	5
	0.12/0.18	0.63	0.4 - 0.63	8.2	100	100	GPS1BHAD	101237	5
	0.25	1	0.63 - 1	13	100	100	GPS1BHA E	101238	5
	0.37/0.55	1.6	1 - 1.6	20.8	100	100	GPS1BHAF	101239	5
	0.75	2.5	1.6 - 2.5	32.5	100	100	GPS1BHAG	101240	5
	1.5	4	2.5 - 4	52	100	100	GPS1BHAH	101241	5
	2.2	6.3	4 - 6.3	81.9	100	100	GPS1BHAJ	101242	5
	3/4	10	6.3 - 10	130	100	100	GPS1BHAK	101243	5
	5.5	13	9 - 13	169	100	100	GPS1BHAL	101244	5
	7.5	16	11 - 16	208	50	38	GPS1BHAM	101245	5
	10	20	14 - 20	260	50	38	GPS1BHAN	101246	5
	11	25	19 - 25	325	50	38	GPS1BHAP	101247	5
	15	32	24 - 32	416	50	38	GPS1BHAR	101248	5



(1) Rated current: highest thermal current setting range value.