

Motor Protection Devices

Series SFK0 - Motor Protection Circuit Breaker

- IEC 947.2
- IEC 947-4-1
- Trip Class 10
- VDE 0660
- * - 50kA in combination with current limiter



Item Code	6-digit	Current Range	AC3 @ 380V	Mag. Trip	Icu/Ics @ 400V
SFK0A	120001	0.1-0.16A	0.02 kW	1.9A	65/65 kA
SFK0B	120002	0.16-0.25A	0.06kW	3.0A	65/65 kA
SFK0C	120003	0.25-0.4A	0.06/0.09kW	4.8A	65/65 kA
SFK0D	120004	0.4-0.63A	0.12/0.18kW	7.5A	65/65 kA
SFK0E	120005	0.63-1A	0.25kW	12A	65/65 kA
SFK0F	120006	1-1.6A	0.37/0.55kW	19A	65/65 kA
SFK0G	120007	1.6-2.5A	0.75kW	30A	65/65 kA
SFK0H	120008	2.5-4A	1.1/1.5kW	48A	65/65 kA
SFK0I	120009	4-6.3A	2.2kW	75A	10/5 kA *
SFK0J	120010	6.3-10A	3.7/4.0kW	120A	10/5 kA *
SFK0K	120011	10-16A	5.5/7.5kW	190A	4/2 kA *
SFK0L	120012	16-20A	9kW	240A	4/2 kA *
SFK0M	120013	20-25A	11/12.5kW	300A	4/2 kA *

Series SFK Auxiliaries



Item Code	6-digit	Mount Type	Contacts
SFAL11N	120020	Side	1NO & 1NC
SFAL20N	120021	Side	2NO
SFAI11	120024	Internal	1NO & 1NC

Series SFK Alarm Contacts



Item Code	6-digit	Mount Type	Contacts
SFAK10	120025	Internal	1NO
SFAK01	120026	Internal	1NC

Series SFK Undervoltage Coils



Item Code	6-digit	Mount Type	Coil Voltage
SFB0RJ	120034	Internal	110VAC/50Hz
SFB0RN	120035	Internal	220VAC/50Hz
SFB0RU	120036	Internal	380VAC/50Hz

Series SFK Shunt Trip Coils



Item Code	6-digit	Mount Type	Coil Voltage
SFB0AJ	120030	Internal	110VAC/50Hz
SFB0AN	120031	Internal	220VAC/50Hz
SFB0AU	120032	Internal	380VAC/50Hz

Series SFK Current Limiter & Enclosures



Item Code	6-digit	Description
SFVH03	120050	Current Limiter(In = 32A)
SFS05	120041	Enclosure Surface Mount - IP55
SFE04	120042	Enclosure Flush Mount - IP41
SFE05	120043	Enclosure Flush Mount - IP55

Series GPS1 - 0.1A - 32A Motor Protection Circuit Breaker Std. Breaking Capacity						
<ul style="list-style-type: none"> • IEC 947.2 • IEC 947-4-1 • Trip Class 10 • Rocker Handle 			<ul style="list-style-type: none"> • VDE 0660 • Phase Failure Protection 			
Item Code	6-digit	Current Range	AC3 @ 400V	Mag. Trip	Icu/Ics @ 400V	
GPS1BSAA	101211	0.1 - 0.16A	0.02 kW	2.1A	100/100kA	
GPS1BSAB	101212	0.16 - 0.25A	0.06kW	3.3A	100/100kA	
GPS1BSAC	101213	0.25 - 0.4A	0.09kW	5.2A	100/100kA	
GPS1BSAD	101214	0.4 - 0.63A	0.12/0.18kW	8.2A	100/100kA	
GPS1BSAE	101215	0.63 - 1A	0.25kW	13A	100/100kA	
GPS1BSAF	101216	1 - 1.6A	0.37/0.55kW	20.8A	100/100kA	
GPS1BSAG	101217	1.6 - 2.5A	0.75kW	32.5A	100/100kA	
GPS1BSAH	101218	2.5 - 4A	1.5kW	52A	100/100kA	
GPS1BSAJ	101219	4 - 6.3A	2.2kW	81.9A	100/100kA	
GPS1BSAK	101220	6.3 - 10A	3/4kW	130A	100/100kA	
GPS1BSAL	101221	9 - 13A	5.5kW	169A	50/38kA	
GPS1BSAM	101222	11 - 16A	7.5kW	208A	25/19kA	
GPS1BSAN	101223	14 - 20A	10kW	260A	25/19kA	
GPS1BSAP	101224	19 - 25A	11kW	325A	25/19kA	
GPS1BSAR	101225	24 - 32A	15kW	416A	25/19kA	



Series GPS1 - 0.1A - 32A Motor Protection Circuit Breaker High Breaking Capacity						
<ul style="list-style-type: none"> • IEC 947.2 • IEC 947-4-1 • Trip Class 10 • Rotary Handle 			<ul style="list-style-type: none"> • VDE 0660 • Phase Failure Protection 			
Item Code	6-digit	Current Range	AC3 @ 400V	Mag. Trip	Icu/Ics @ 400V	
GPS1BHAA	101234	0.1 - 0.16A	0.02 kW	2.1A	100/100kA	
GPS1BHAB	101235	0.16 - 0.25A	0.06kW	3.3A	100/100kA	
GPS1BHAC	101236	0.25 - 0.4A	0.09kW	5.2A	100/100kA	
GPS1BHAD	101237	0.4 - 0.63A	0.12/0.18kW	8.2A	100/100kA	
GPS1BHA E	101238	0.63 - 1A	0.25kW	13A	100/100kA	
GPS1BHAF	101239	1 - 1.6A	0.37/0.55kW	20.8A	100/100kA	
GPS1BHAG	101240	1.6 - 2.5A	0.75kW	32.5A	100/100kA	
GPS1BHAH	101241	2.5 - 4A	1.5kW	52A	100/100kA	
GPS1BHAJ	101242	4 - 6.3A	2.2kW	81.9A	100/100kA	
GPS1BHAK	101243	6.3 - 10A	3/4kW	130A	100/100kA	
GPS1BHAL	101244	9 - 13A	5.5kW	169A	100/100kA	
GPS1BHAM	101245	11 - 16A	7.5kW	208A	50/38kA	
GPS1BHAN	101246	14 - 20A	10kW	260A	50/38kA	
GPS1BHAP	101247	19 - 25A	11kW	325A	50/38kA	
GPS1BHAR	101248	24 - 32A	15kW	416A	50/38kA	



Series GPS2 - 6.3A - 63A Motor Protection Circuit Breaker Std. Breaking Capacity						
<ul style="list-style-type: none"> • IEC 947.2 • IEC 947-4-1 • Trip Class 10 • Rotary Handle 			<ul style="list-style-type: none"> • VDE 0660 • Phase Failure Protection 			
Item Code	6-digit	Current Range	AC3 @ 400V	Mag. Trip	Icu/Ics @ 400V	
GPS2BSAK	101226	6.3 - 10A	3/4kW	130A	100/100kA	
GPS2BSAL	107119	9 - 13A	5.5kW	169A	50/38kA	
GPS2BSAM	101227	11 - 16A	7.5kW	208A	25/19kA	
GPS2BSAN	101228	14 - 20A	10kW	260A	25/19kA	
GPS2BSAP	101229	19 - 25A	11kW	325A	25/19kA	
GPS2BSAR	101230	24 - 32A	15kW	416A	25/19kA	
GPS2BSAS	101231	28 - 40A	18.5kW	520A	25/19kA	
GPS2BSAT	101232	35 - 50A	22kW	650A	25/19kA	
GPS2BSAU	101233	45 - 63A	30kW	819A	25/19kA	





Series GPS2 - 6.3A - 63A Motor Protection Circuit Breaker High Breaking Capacity

- IEC 947.2
- IEC 947-4-1
- Trip Class 10
- Rotary Handle
- VDE 0660
- Phase Failure Protection

Item Code	6-digit	Current Range	AC3 @ 400V	Mag. Trip	Icu/Ics @ 400V
GPS2BHAK	101249	6.3 - 10A	3/4kW	130A	100/100kA
GPS2BHAL	107120	9 - 13A	5.5kW	169A	100/100kA
GPS2BHAM	101250	11 - 16A	7.5kW	208A	50/38kA
GPS2BHAN	101251	14 - 20A	10kW	260A	50/38kA
GPS2BHAP	101252	19 - 25A	11kW	325A	50/38kA
GPS2BHAR	101253	24 - 32A	15kW	416A	50/38kA
GPS2BHAS	101254	28 - 40A	18.5kW	520A	50/38kA
GPS2BHAT	101255	35 - 50A	22kW	650A	50/38kA
GPS2BHAU	101256	45 - 63A	30kW	819A	50/38kA



Series GPS 1/2 - Auxiliary Contacts

Item Code	6-digit	Mount Position	Contacts
GPAC10FBA	101303	Front	1NO
GPAC01FBA	101304	Front	1NC
GPAC11LLA	101305	Left	1NC
GPAC20LLA	101306	Left	2NO
GPAC02LLA	101307	Left	2NC
GPAC11LRA	101308	Right	1NO & 1NC
GPAC20LRA	101309	Right	2NO
GPAC02LRA	101310	Right	2NC



Series GPS 1/2 - Alarm Contacts

Item Code	6-digit	Type	Position	NO Contact	NC Contacts
GPAL10FRA	101311	Alarm	Front	1 (Alarm)	-
GPAL01FRA	101312	Alarm	Front	-	1 (Alarm)
GPAD1010LLA	101313	Aux / Alarm	Left	1 (Alarm) & 1 (Aux)	-
GPAD1001LLA	101314	Aux / Alarm	Left	1 (Alarm)	1 (Aux)
GPAD0110LLA	101315	Aux / Alarm	Left	1 (Aux)	1 (Alarm)
GPAD0101LLA	101316	Aux / Alarm	Left	-	2(Alarm+Aux)
GPAE11LLA	101317	Short - Circuit	Left	1	1



Series GPS 1/2 - Shunt Trips

Item Code	6-digit	Mount Position	Coil Voltage
GPASLRAA1	101318	Right	24VAC/50HZ
GPASLRAAJ	101321	Right	110VAC/50HZ
GPASLRAAN	101323	Right	220VAC/50HZ
GPASLRAAU	101325	Right	380VAC/50HZ
GPASLRAAY	101327	Right	500VAC/50HZ
GPASLRADD	101328	Right	24VDC - 60VDC
GPASLRADJ	101329	Right	110VDC - 240VDC



Series GPS - Undervoltage Release

Item Code	6-digit	Mount Position	Coil Voltage
GPAULRAAD	101330	Right	24VAC/50HZ
GPAULRAAJ	101334	Right	110VAC/50HZ
GPAULRAAN	101336	Right	220VAC/50HZ
GPAULRAAU	101338	Right	380VAC/50HZ
GPAULRAAY	101340	Right	500VAC/50HZ



Series GPS - Door Interlocked Handle & Shaft Kit

- ON/OFF/TRIPPING position marking
- Protection degree: IP54
- Shaft mounting depths:
 139.8 - 289.8 mm for GPA1HAB, GPA1HAR
 161 - 311.1 mm for GPA2HAB, GPA2HAR

Item Code	6-digit	Description
GPA1HAB	101363	Handle Door Interlock Black (GPS1.H)
GPA1HAR	101364	Handle Door Interlock Red/Yellow (GPS1.H)
GPA2HAB	101502	Handle Door Interlock Black (GPS2)
GPA2HAR	101503	Handle Door Interlock Red/Yellow (GPS2)



Series GPS - Busbar System			
Item Code	6-digit	Description	
GPB1FA	107186	25mm 3Ph Feed-In Terminal	
GPB1B02A	101390	63A Busbar, 45mm spacing, for 2x GPS1 + front auxiliaries	
GPB1B03A	101391	63A Busbar, 45mm spacing, for 3x GPS1 + front auxiliaries	
GPB1B04A	101392	63A Busbar, 45mm spacing, for 4x GPS1 + front auxiliaries	
GPB1B05A	101393	63A Busbar, 45mm spacing, for 5x GPS1 + front auxiliaries	
GPB1B12A	101394	63A Busbar, 54mm spacing, for 2x GPS1 + 9mm lat. auxiliary	
GPB1B13A	101395	63A Busbar, 54mm spacing, for 3x GPS1 + 9mm lat. auxiliary	
GPB1B14A	101396	63A Busbar, 54mm spacing, for 4x GPS1 + 9mm lat. auxiliary	
GPB1GA	101408	Touch Guard for non-used space	

Series GPS Enclosures			
Item Code	6-digit	Description	
GPES55A	101366	Enclosure- Surface mount IP55	