



Disconnecting a system is a serious matter.



Disconnecting a system is crucial when ensuring people's safety. This is why SCAME has developed a comprehensive range of enclosed switch-disconnectors of which this chapter presents a small selection, capable of meeting the most common needs.

High-performance switches from 20 to 1600A, a selection of which is presented herein, capable of maintaining their rated current even in utilization category AC23A (switching of motors or other highly inductive loads).

The switches are contained in thermoplastic enclosures featuring large internal space to facilitate wiring operations and equipped with a black knob, which can be padlocked in either the ON or OFF position, for general applications, or a red knob with yellow tab for emergency use, in this case padlockable in the OFF position only.

For applications in heavy-duty environments, the thermoplastic enclosure is replaced by a sturdier one made of die-cast aluminium able to ensure greater mechanical resistance while keeping the switch performance and characteristics unaltered.

ISOLATORS Series
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Poles	Dimensions	EMERGENCY SWITCHING	20A	GENERAL USE	20A	
2P	105x150x82 mm		590.EM2012		590.GE2012	1/12
3P	105x150x82 mm		590.EM2013		590.GE2013	1/12
3P+N	105x150x82 mm		590.EM2015		590.GE2015	1/12
Poles	Dimensions	EMERGENCY SWITCHING	32A	GENERAL USE	32A	
2P	105x150x82 mm		590.EM3212		590.GE3212	1/12
3P	105x150x82 mm		590.EM3213		590.GE3213	1/12
3P+N	105x150x82 mm		590.EM3215		590.GE3215	1/12
Poles	Dimensions	EMERGENCY SWITCHING	40A	GENERAL USE	40A	
2P	105x150x82 mm		590.EM4012		590.GE4012	1/12
3P	105x150x82 mm		590.EM4013		590.GE4013	1/12
3P+N	105x150x82 mm		590.EM4015		590.GE4015	1/12

APPLICATION EXAMPLE





Poles	Dimensions	EMERGENCY SWITCHING	63A	GENERAL USE	63A	
2P	155x210x107 mm		590.EM6302		590.GE6302	1/5
3P	155x210x107 mm		590.EM6303		590.GE6303	1/5
3P+N	155x210x107 mm		590.EM6305		590.GE6305	1/5
Poles	Dimensions	EMERGENCY SWITCHING	80A	GENERAL USE	80A	
2P	155x210x107 mm		590.EM8002		590.GE8002	1/5
3P	155x210x107 mm		590.EM8003		590.GE8003	1/5
3P+N	155x210x107 mm		590.EM8005		590.GE8005	1/5
Poles	Dimensions	EMERGENCY SWITCHING	100A	GENERAL USE	100A	
3P	155x210x107 mm		590.EM10003		590.GE10003	1/5
3P+N	155x210x107 mm		590.EM10005		590.GE10005	1/5

IP65



Poles	Dimensions	EMERGENCY SWITCHING	125A	GENERAL USE	125A	
3P	228x308x128 mm		590.EM12503		590.GE12503	1/5
3P+N	228x308x128 mm		590.EM12505		590.GE12505	1/5



Poles	Dimensions	EMERGENCY SWITCHING	160A	GENERAL USE	160A	
3P	308x338x128 mm		590.EM16003		590.GE16003	1/5
3P+N	308x338x128 mm		590.EM16005		590.GE16005	1/5

- 3P+N version with late break and early make neutral pole.
- Equipped with door locking.
- Switch disconnectors units suitable as spare parts available in the general catalogue and Command series catalogue.

	Padlockable handle in one position (OFF).
	Padlockable handle in two positions (ON/OFF).
	OFF position = 3 padlocks
	ON position = 1 padlock

■ SURFACE MOUNTING - 16A ÷ 40A

ISOLATORS-AL Series



Poles	Dimensions	EMERGENCY SWITCHING	20A	GENERAL USE	20A	
2P	105x150x82 mm (*)		590.HEM2002		590.HGE2002	1/12
3P	105x150x82 mm (*)		590.HEM2003		590.HGE2003	1/12
3P+N	105x150x82 mm (*)		590.HEM2005		590.HGE2005	1/12
Poles	Dimensions	EMERGENCY SWITCHING	32A	GENERAL USE	32A	
2P	105x150x82 mm (*)		590.HEM3202		590.HGE3202	1/12
3P	105x150x82 mm (*)		590.HEM3203		590.HGE3203	1/12
3P+N	105x150x82 mm (*)		590.HEM3205		590.HGE3205	1/12
Poles	Dimensions	EMERGENCY SWITCHING	40A	GENERAL USE	40A	
2P	105x150x82 mm (*)		590.HEM4002		590.HGE4002	1/12
3P	105x150x82 mm (*)		590.HEM4003		590.HGE4003	1/12
3P+N	105x150x82 mm (*)		590.HEM4005		590.HGE4005	1/12

(*) Add ".A" suffix at the end of the catalogue number for bottom cable entries only.

■ SURFACE MOUNTING - 63A ÷ 100A

ISOLATORS-AL Series



Poles	Dimensions	EMERGENCY SWITCHING	63A	GENERAL USE	63A	
2P	150x210x107 mm		590.HEM6302		590.HGE6302	1/5
3P	150x210x107 mm		590.HEM6303		590.HGE6303	1/5
3P+N	150x210x107 mm		590.HEM6305		590.HGE6305	1/5
Poles	Dimensions	EMERGENCY SWITCHING	80A	GENERAL USE	80A	
2P	150x210x107 mm		590.HEM8002		590.HGE8002	1/5
3P	150x210x107 mm		590.HEM8003		590.HGE8003	1/5
3P+N	150x210x107 mm		590.HEM8005		590.HGE8005	1/5
Poles	Dimensions	EMERGENCY SWITCHING	100A	GENERAL USE	100A	
3P	150x210x107 mm		590.HEM10003		590.HGE10003	1/5
3P+N	150x210x107 mm		590.HEM10005		590.HGE10005	1/5



Poles	Dimensions	EMERGENCY SWITCHING 	125A 	GENERAL USE 	125A 	
3P	264x315x122 mm		590.HEM12503		590.HGE12503	1
3P+N	264x315x122 mm		590.HEM12505		590.HGE12505	1



Poles	Dimensions	EMERGENCY SWITCHING 	160A 	GENERAL USE 	160A 	
3P	315x410x153 mm		590.HEM16003		590.HGE16003	1
3P+N	315x410x153 mm		590.HEM16005		590.HGE16005	1

CABLE ENTRY OPTIONS

Maximum cable entry flexibility with Top and Bottom double open threaded holes available with standard version from 20 up to 100A.

Special version with blank side on top and double open threaded holes cable entries on bottom to prevent loss of IP degree due to wrong installation or accidental alteration of the caps provided. For bottom cable entry, add ".A" suffix at the end of catalogue number.



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- (*) Add ".A" suffix at the end of the catalogue number for bottom cable entries only.

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