

Switches and Push-buttons

Applications



Switching of lighting and heating in homes, shops, offices, warehouses, factories, hospitals, etc.

Function

Manual control of all kinds of electrical devices.

Approvals



Features

Wide range with respect to available contact combinations and switching capacity. Mains disconnect switches and switches with change-over contact and off position available.

Compact (4-pole in 1 module) with high switching capacity due to double interruption per path.

All switches are sealable through padlock or by means of a lock. The terminals are equipped with captive Pozidriv screws and have IP20 protection degree.

Mains disconnect switches accepts auxiliary contacts H.

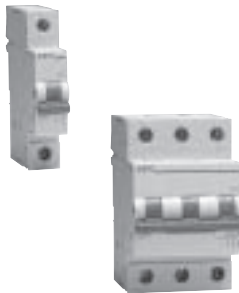






Standards

Switches	BS EN 60669-1
16/32A	VDE 0632 Part 1
Mains disconnect switches 40-100	BS EN 60947-3
	VDE 0632 Part 101

Performance

	Mains disconnect switches 40-63-100A	Switches		Push-buttons 16A
		16A	32A	
Nominal rated current	40-63-100A	16A	32A	16A
Usable as mains disconnect switch	yes	no		no
Nominal breaking capacity at 415V, cos φ =0.95	3xIn	1.25xIn		-
Nominal breaking capacity at 415V, cos φ =0.65	3xIn	-		-
Nominal voltage single pole devices	240/415V	240V		240V
Nominal voltage multipole devices	240/415V	415V		-
Maximum allowed current during less than 1 s.	2kA	-		-
Mechanical service life (complete on-off-cycle)	>20000	>20000		>20000
Electrical service life, cos φ = 0.95, Un and In	>1500	>20000	>5000	>20000
Short-circuit resistance with upfront fuses	16kA (nominal)	4.5kA (nominal)		4.5kA (nominal)
Short-circuit resistance without upfront fuses	7kA (peak)	3kA (peak)		3kA (peak)
Protection degree	IP20	IP20		IP20
Screws	Pozidriv 2	Pozidriv 1		Pozidriv 1
Terminal capacity: min	1x6mm ²	1x1.5mm ²		1x1.5mm ²
max	1x50mm ²	1x10mm ²		1x10mm ²

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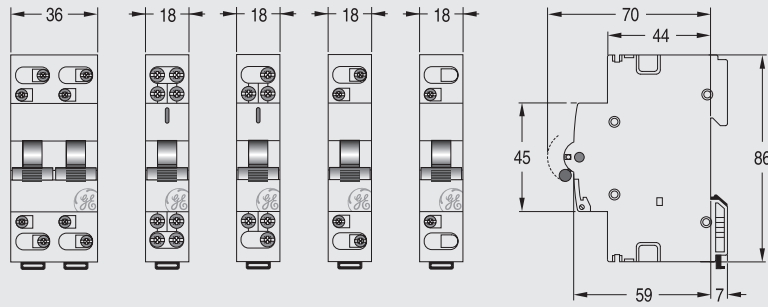
	Nominal current	Contact combination	Number of modules	Cat. No.	Ref. No.	Pack.	
 <p>Mains disconnect switch</p>	40A/240V	1NO	1	ASR1040	666985	12	
	40A/415V	2NO	2	ASR2040	666986	6	
	40A/415V	3NO	3	ASR3040	666987	4	
	40A/415V	4NO	4	ASR4040	666988	3	
	63A/240V	1NO	1	ASR1063	666957	12	
	63A/415V	2NO	2	ASR2063	666958	6	
	63A/415V	3NO	3	ASR3063	666959	4	
	63A/415V	4NO	4	ASR4063	666960	3	
	100A/240V	1NO	1	ASR10100	666953	12	
	100A/415V	2NO	2	ASR20100	666954	6	
	100A/415V	3NO	3	ASR30100	666955	4	
	100A/415V	4NO	4	ASR40100	666956	3	
 <p>Switch</p>	16A/240V	1NO	1	ASV1016	666966	12	
	16A/240V	2NO	1	ASV2016	666968	12	
	16A/415V	3NO	1	ASV3016	666969	12	
	16A/415V	4NO	1	ASV4016	666970	12	
	32A/240V	1NO	1	ASV1032	666972	12	
	32A/240V	2NO	1	ASV2031	666974	12	
	32A/415V	3NO	1	ASV3032	666975	12	
	32A/415V	4NO	1	ASV4032	666976	12	
	 <p>Changeover switch</p>	16A/240V	1CO	1	WSV1016	666965	12
		16A/240V	2CO	1	WSV2016	666967	12
32A/240V		1CO	1	WSV1032	666971	12	
32A/415V		2CO	1	WSV2032	666973	12	
 <p>Switch with signal lamp</p>		16A/240V	1NO	1	ASV-L1016	666977	12
	16A/240V	2NO	1	ASV-L2016	666978	12	
	32A/240V	1NO	1	ASV-L1032	666979	12	
	32A/240V	2NO	1	ASV-L2032	666980	12	
 <p>Changeover witches with zero position</p>	16A/240V	1CO	1	GSV1016	666981	12	
	16A/240V	2CO	1	GSV2016	666982	12	
	32A/240V	1CO	1	GSV1032	666983	12	
	32A/240V	2CO	1	GSV2032	666984	12	
 <p>Push-button</p>	16A/240V	1NC	1	TV0116	666961	12	
	16A/240V	1NO	1	TV1016	666962	12	
	16A/240V	1NO 1NC	1	TV116	666963	12	
 <p>Push-button with signal lamp</p>	16A/240V	1NO	1	TV-L1016	666964	12	

Dimensions

Mains disconnect switches

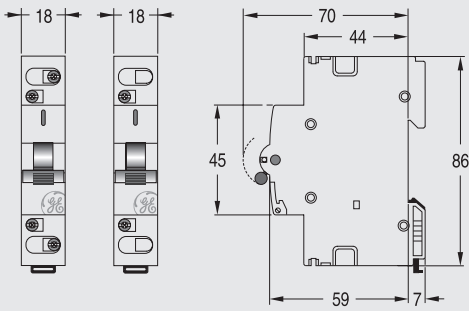


Switches



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Switches with signal lamp



Push-buttons

