

Switches & Push-buttons

Aster

Applications



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

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 CA.

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
Rotary switches	BS EN 60947-3

Function

Manual control of all kinds of electrical devices.

Approvals⁽¹⁾



(1) Depending on type.

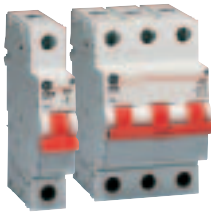






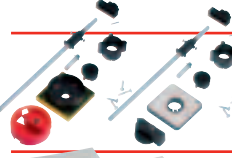

Performance

	Push-buttons	Switches	Rotary switches	Mains disconnect switches
Nominal rated current	16A	16A 32A	32-40-63A	40-63-80-100A
Usable as mains disconnect switch	no	no	yes	yes
Nominal breaking capacity at 415V, cos Φ =0.95	-	1.25xIn	8xIn	3xIn
Nominal breaking capacity at 415V, cos Φ =0.65	-	-	8xIn	3xIn
Nominal voltage single pole devices	240V	240V	-	240/415V
Nominal voltage multipole devices	-	415V	240/415V	240/415V
Maximum allowed current during less than 1 s.	-	-	-	2kA
Mechanical service life (complete on-off-cycle)	>20000	>20000	>10000	>20000
Electrical service life, cos Φ = 0.95, Un and In	>20000	>20000 >5000	>1500	>1500
Short-circuit resistance with upfront fuses Gg/gL 100A (nominal)	4.5kA (nominal)	4.5kA (nominal)	15kA (nominal)	16kA (nominal)
(peak)	3kA (peak)	3kA (peak)	10kA (peak)	7kA (peak)
Protection degree	IP20	IP20	IP20	IP20
Screws	Pozidriv 1	Pozidriv 1	Pozidriv 2	Pozidriv 2
Terminal capacity: min	1x1.5mm ²	1x1.5mm ²	1x2.5mm ²	1x6mm ²
max	1x10mm ²	1x10mm ²	1x25mm ²	1x50mm ²

- Auxiliary contacts ● pg. C.4
- More technical data ● website
- Dimensions ● pg D.42



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	Nominal current	Contact combination	Number of modules	Cat. No.	Ref. No.	Pack.	
Mains disconnect switch 	40A/240V	1NO	1	AST M 40 10	666614	12	
	40A/415V	2NO	2	AST M 40 20	666615	6	
	40A/415V	3NO	3	AST M 40 30	666616	4	
	40A/415V	4NO	4	AST M 40 40	666617	3	
	63A/240V	1NO	1	AST M 63 10	666562	12	
	63A/415V	2NO	2	AST M 63 20	666563	6	
	63A/415V	3NO	3	AST M 63 30	666564	4	
	63A/415V	4NO	4	AST M 63 40	666565	3	
	80A/240V	1NO	1	AST M 80 10	666566	12	
	80A/415V	2NO	2	AST M 80 20	666567	6	
	80A/415V	3NO	3	AST M 80 30	666568	4	
	80A/415V	4NO	4	AST M 80 40	666569	3	
	100A/240V	1NO	1	AST M 100 10	666558	12	
	100A/415V	2NO	2	AST M 100 20	666559	6	
100A/415V	3NO	3	AST M 100 30	666560	4		
100A/415V	4NO	4	AST M 100 40	666561	3		
Rotary switch 	32A/415V	2NO	4	AST R 32 20	666574	1	
	32A/415V	3NO	4	AST R 32 30	666575	1	
	32A/415V	3NO+NC	4	AST R 32 3N	666576	1	
	32A/415V	4NO	4	AST R 32 40	666577	1	
	40A/415V	2NO	4	AST R 40 20	666578	1	
	40A/415V	3NO	4	AST R 40 30	666579	1	
	40A/415V	3NO+NC	4	AST R 40 3N	666580	1	
	40A/415V	4NO	4	AST R 40 40	666581	1	
	63A/415V	2NO	4	AST R 63 20	666582	1	
	63A/415V	3NO	4	AST R 63 30	666583	1	
	63A/415V	3NO+NC	4	AST R 63 3N	666584	1	
	63A/415V	4NO	4	AST R 63 40	666585	1	
Changeover switches 	16A/240V	1NO	1	AST S 16 10	666587	12	
	16A/415V	2NO	1	AST S 16 20	666589	12	
	16A/415V	3NO	1	AST S 16 30	666590	12	
	16A/415V	4NO	1	AST S 16 40	666593	12	
	16A/415V	3NO	2	AST S 16 30 2	666591	6	
	16A/415V	4NO	2	AST S 16 40 2	666592	6	
	16A/240V	1CO	1	AST S 16 1	666586	12	
	16A/240V	2CO	1	AST S 16 2	666588	12	
	32A/240V	1NO	1	AST S 32 10	666595	12	
	32A/415V	2NO	1	AST S 32 20	666597	12	
	32A/415V	3NO	1	AST S 32 30	666599	12	
	32A/415V	4NO	1	AST S 32 40	666600	12	
	32A/415V	3NO	2	AST S 32 30 2	666598	6	
	32A/415V	4NO	2	AST S 32 40 2	666601	6	
	32A/240V	1CO	1	AST S 32 1	666594	12	
	32A/240V	2CO	1	AST S 32 2	666596	12	
	Switch with signal lamp 	16A/240V	1NO	1	AST SL 16 10	666602	12
		16A/240V	2NO	1	AST SL 16 20	666603	12
32A/240V		1NO	1	AST SL 32 10	666604	12	
32A/240V		2NO	1	AST SL 32 20	666605	12	
Changeover switches with zero position 	16A/240V	1CO	1	AST SZ 16 1	666606	12	
	16A/240V	2CO	1	AST SZ 16 2	666607	12	
	32A/240V	1CO	1	AST SZ 32 1	666608	12	
	32A/240V	2CO	1	AST SZ 32 2	666609	12	
Push-button 	16A/240V	1NC	1	AST P 16 01	666570	12	
	16A/240V	1NO	1	AST P 16 10	666571	12	
	16A/240V	1NO+1NC	1	AST P 16 11	666572	12	
Push-button with signal lamp 	16A/240V	1NO	1	AST PL 16 10	666573	12	
Accessories for rotary switches							
Extension shaft 	238 mm with emergency handle			AST R ES E	666555	1	
	238 mm with standard handle			AST R ES S	666556	1	
Sealing piece 			4	AST R TS	666557	1	

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