

## 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

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

### Function

Manual control of all kinds of electrical devices.

### Approvals<sup>(1)</sup>



(1) Depending on type.

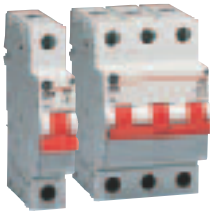
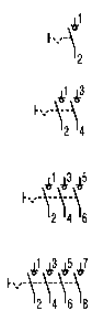

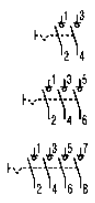





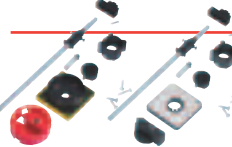

### Performance

	Push-buttons	Switches	Rotary switches	Mains disconnect switches
<b>Nominal rated current</b>	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 <sup>2</sup>	1x1.5mm <sup>2</sup>	1x2.5mm <sup>2</sup>	1x6mm <sup>2</sup>
max	1x10mm <sup>2</sup>	1x10mm <sup>2</sup>	1x25mm <sup>2</sup>	1x50mm <sup>2</sup>

- 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.	
<b>Mains disconnect switch</b>  	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		
<b>Rotary switch</b>  	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	
<b>Changeover switches</b> 	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	
	<b>Switch with signal lamp</b> 	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	
<b>Changeover switches with zero position</b> 		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	
<b>Push-button</b> 	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	
<b>Push-button with signal lamp</b> 	16A/240V	1NO	1	AST PL 16 10	666573	12	
<b>Accessories for rotary switches</b>							
<b>Extension shaft</b> 	238 mm with emergency handle			AST R ES E	666555	1	
	238 mm with standard handle			AST R ES S	666556	1	
<b>Sealing piece</b> 			4	AST R TS	666557	1	

Aster

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