

3 Pole On-Load Switch

IP65 metal enclosure as standard with door interlocked pad lockable handle suitable for indoor installation.

Enclosed ratings: 20A - 630A

Designed to IEC/BSEN 947-3 to meet the requirement of the Wiring Regulations Amd. 3 BS7671 Clause 537.1.1 Table 53.4⁽³⁾



Features

- 3 Poles + Neutral Link
- 3 Incoming Supply Shrouds
- IP65 Enclosure as standard
- Gland Plates top and bottom
- Extra room for cables
- Switches and Enclosures manufactured in Europe
- Assembled in the UK



Spreader Kits and auxiliary contacts are available as accessories.

See following page

Column "X" in the table refers to Cable Spacing in 'mm' top and bottom of the enclosure. See illustration on following page.

SWITCH RATINGS @ 35 °C with specified cable csa (70 °C)							
Description	AC22A	Dimensions (mm)			"X"	Cable csa mm ²	Reference
		H	W	D			
3P+N	20 Amp	305	205	150	116	4	AS-3020
3P+N	32 Amp	305	205	150	116	6	AS-3032
3P+N	63 Amp	305	305	150	104	16	AS-3063
3P+N	100 Amp	405	305	150	150	35	AS-3100
3P+N	160 Amp	505	405	250	175	70	AS-3160
3P+N	200 Amp	505	405	250	175	95	AS-3200
3P+N	250 Amp	505	405	250	175	120	AS-3250
3P+N	400 Amp	505	405	250	158	240	AS-3400
3P+N	630 Amp	605	405	250	175	2 x 180	AS-3630

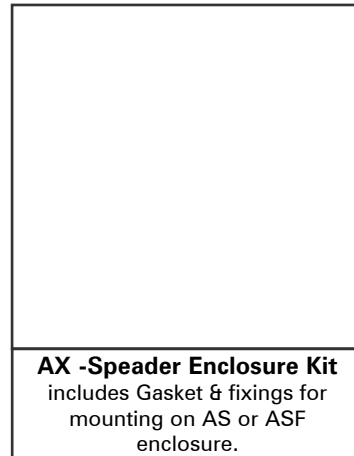
See page 47 for detailed specifications.

3 Pole Switch-Fuse

IP65 metal enclosure as standard, fuse links and door interlocked pad-lockable handle suitable for indoor installation.

Enclosed ratings: 20A - 630A

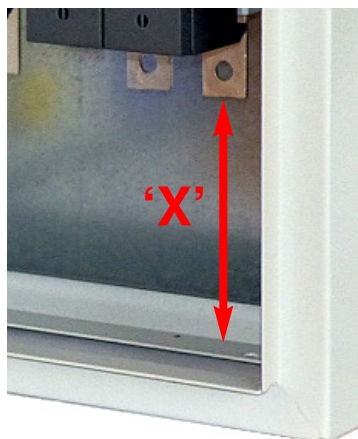
SWITCH RATINGS @ 35 ° C with specified cable csa (70° C)						
Description AC22A	Dimensions (mm)			"X"	Cable csa mm ²	Reference
	H	W	D			
3P+N 20 Amp	305	205	150	100	2.5	ASF-3020
3P+N 32 Amp	305	205	150	88	6	ASF-3032
3P+N 63 Amp	405	305	150	138	16	ASF-3063
3P+N 100 Amp	405	305	150	130	50	ASF-3100
3P+N 160 Amp	505	405	250	180	70	ASF-3160
3P+N 200 Amp	605	405	250	200	95	ASF-3200
3P+N 250 Amp	605	405	250	200	120	ASF-3250
3P+N 400 Amp	605	405	250	185	240	ASF-3400
3P+N 630 Amp	805	605	300	247	2 x185	ASF-3630



See page 45 for detailed specifications.

Column "X" in the table refers to Cable Spacing in 'mm' top and bottom of the enclosure. See illustrations below.

Spreader Kit for AS-3 & ASF-3				
Reference	Dimensions (mm)			Suitable for
	H	W	D	
AX-02	505	405	250	AS/ASF 160-400A, AS-3630
AX-04	805	605	300	ASF-630



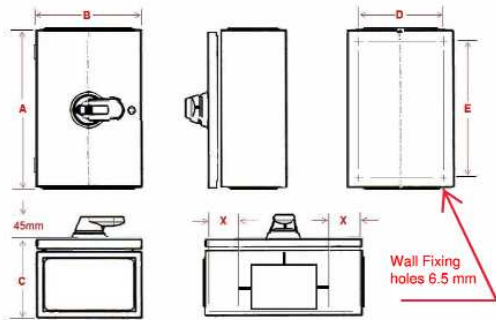
Auxiliary Contacts		
Description	Reference	Suitable for
1 N/O Auxiliary	OA1G10	AS-3020 to AS-3630 & ASF-3032 to ASF-3630
1 N/O Auxiliary	OA4B10	ASF-3020

Circuit Protection

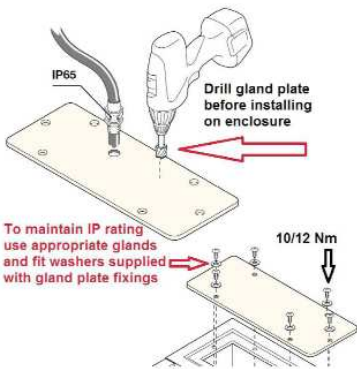
TECHNICAL SPECIFICATIONS

Switchgear (Isolators & Switchfuses)

Technical Data



AS- Enclosed Switch		Dimensions mm			Wall Mounting		Weight	Dimension
Rating	Product Reference	A	B	C	D	E	kg	X "internal"
20A	AS - 3020	305	205	150	163	263	< 5	116
32A	AS - 3032	305	205	150	163	263	< 5	116
63A	AS - 3063	305	305	150	263	263	< 6	104
100A	AS - 3100	405	305	150	263	363	< 8	150
160A	AS - 3160	505	405	250	363	463	< 15	175
200A	AS - 3200	505	405	250	363	463	< 15	175
250A	AS - 3250	505	405	250	363	463	< 15	175
400A	AS - 3400	505	405	250	363	463	< 16	158
630A	AS - 3630	605	405	250	363	563	< 21	175



ASF- Enclosed Switch Fuse		Dimensions mm			Wall Mounting		Weight	Dimension
Rating	Product Reference	A	B	C	D	E	kg	X "internal"
20A	ASF - 3020	305	305	150	263	263	< 5	100
32A	ASF - 3032	305	305	150	263	263	< 7	88
63A	ASF - 3063	405	305	150	263	363	< 10	138
100A	ASF - 3100	405	305	150	263	363	< 10	130
160A	ASF - 3160	505	405	250	363	463	< 14	180
200A	ASF - 3200	605	405	250	363	563	< 18	200
250A	ASF - 3520	605	405	250	363	563	< 20	200
400A	ASF - 3400	605	405	250	363	563	< 24	185
630A	ASF - 3630	805	605	300	563	763	< 58	247

Switch Ratings @ 35°C Ambient with minimum cable size*							Maximum size upstream fuse link @ 50kA		
Reference	AC22A	AC23A	Min*	Max.	Fixing	Torque	415V	Type G	Ip kA
AS-3020	20	20	4	10	Clamp	0.8	50kA	20A	6.5
AS-3032	32	23	6	10	Clamp	0.8	50kA	32A	6.5
AS-3063	63	63	16	35	Clamp	2	50kA	63A	13
AS-3100	100	80	35	70	Clamp	6	50kA	100A	16.5
AS-3160	160	135	70	Lug < 20 mm	M8 x 25	15 -22	50kA	160A	24
AS-3200	200	200	95	Lug < 20 mm	M8 x 25	15 -22	50kA	200A	35
AS-3250	250	250	120	Lug < 20 mm	M8 x 25	15 -22	50kA	250A	35
AS-3400	400	400	240	Lug < 25 mm	M10 x 30	30 - 44	50kA	400A	50.5
AS-3630	630	630	2 x 185	Lug < 39 mm	M12 x 40	50 - 75	50kA	630A	71.5

Switch Ratings @ 35°C Ambient with minimum cable size*							Enclosed rating and Icc based on fuse links provided			
Product Reference	In @ 415V	Cable c.s.a mm² / Terminal Capacity					Icc @ 415V	Fuse Link		Fixing
	AC22A	AC23A	Min*	Max.	Fixing	Torque		ABB Ref.	Fuse / Max. Power	Torque
ASF-3020	20	20	2.5	10	Clamp	2	80kA	OFFNA1GG20	gG, A1 / < 3.5 W	2
ASF-3032	32	23	6	25	Clamp	3.5	80kA	OFFNA2GG32	gG, A2 / < 7.5 W	2
ASF-3063	63	63	16	25	Clamp	2	80kA	OFFNA3GG63	gG, A3 / < 7.5 W	3.5
ASF-3100	100	100	50	Lug < 20 mm	M8 x 25	15 -22	80kA	OFFNA4GG100	gG, A4 / < 12 W	3.5
ASF-3160	160	160	70	Lug < 20 mm	M8 x 25	15 -22	80kA	OFFNA4GG160	gG, A4 / < 12 W	5
ASF-3200	200	200	95	Lug < 20 mm	M8 x 25	15 -22	80kA	OFFNB2GG200	gG, B2 / < 15 W	5
ASF-3250	250	250	120	Lug < 25 mm	M10 x 30	30 - 44	80kA	OFFNB3GG250	gG, B3 / < 20 W	5
ASF-3400	400	400	240	Lug < 25 mm	M10 x 30	30 - 44	80kA	OFFNB4GG400	gG, B4 / < 30 W	20
ASF-3630	630	630	2 x 185	Lug < 39 mm	M12 x 40	50 - 75	80kA	OFFNC2GG630	gG, C2 / < 55 W	40

Rating	Set of 3 Shrouds
AS-3160	OTS250G1S/3
AS-3200	OTS250G1S/3
AS-3250	OTS250G1S/3
AS-3400	OTS400G1S/3
AS-3630	OTS800G1S/3

Rating	Set of 3 Shrouds
ASF-3100	OSS160GG1S/3
ASF-3160	OSS160GG1S/3
ASF-3200	OSS200GG1S/3
ASF-3250	OSS250GG1S/3
ASF-3400	OSS400GG1S/3
ASF-3630	OSS800GG1S/3