

Protection components

Switch-disconnector-fuses, 32 to 1250 A
for use with NF C or DIN fuses

532763



GS1 DD3

532763



GS1 FD3

532765



GS1 ND4

532766



GS1 KKG3

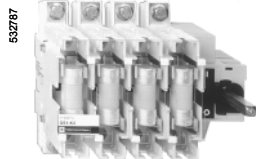
Switch-disconnector-fuse switch bodies for use with NF C or DIN fuses

Switch rating	Fuse size	Number of poles	Reference	Weight
A				kg
For external operators mounted on RH or LH side, and front-mounted internal or external operators				
32	10 x 38	3	GS1 DD3	0.510
		3 + Nc (1)	GS1 DD4	0.540
For internal or external operators mounted on right-hand side				
50	14 x 51	3	GS1 FD3	0.900
		4	GS1 FD4	1.100
63	Size 000 (2)	3	GS1 GD3	1.100
		4	GS1 GD4	1.400
100	22 x 58	3	GS1 JD3	1.700
		4	GS1 JD4	2.100
125	22 x 58	3	GS1 KD3	1.700
		4	GS1 KD4	2.100
	Size 00	3	GS1 KKD3	1.700
		4	GS1 KKD4	2.100
160	Size 0	3	GS1 LD3	2.200
		4	GS1 LD4	2.800
	Size 00	3	GS1 LLD3	1.700
		4	GS1 LLD4	2.100
250	Size 1	3	GS1 ND3	3.500
		4	GS1 ND4	4.500
400	Size 2	3	GS1 QGD3	4.700
		4	GS1 QGD4	6.600
630	Size 3	3	GS1 SD3	16.500
		4	GS1 SD4	20.500
1250	Size 4	3	GS1 VD3	27.500
		4	GS1 VD4	34.500
For external operators mounted on left-hand side				
50	14 x 51	3	GS1 FG3	0.900
		4	GS1 FG4	1.100
63	Size 000 (2)	3	GS1 GG3	1.100
		4	GS1 GG4	1.400
100	22 x 58	3	GS1 JG3	1.700
		4	GS1 JG4	2.100
125	22 x 58	3	GS1 KG3	1.700
		4	GS1 KG4	2.100
	Size 00	3	GS1 KKG3	1.700
		4	GS1 KKG4	2.100
160	Size 0	3	GS1 LG3	2.200
		4	GS1 LG4	2.800
	Size 00	3	GS1 LLG3	1.700
		4	GS1 LLG4	2.100
250	Size 1	3	GS1 NG3	3.500
		4	GS1 NG4	4.500
400	Size 2	3	GS1 QQG3	4.700
		4	GS1 QQG4	6.600

(1) Nc = Switched neutral.

(2) Compact fuses for German market.

Protection components

Switch-disconnector-fuses, 50 to 1250 A
for use with NF C or DIN fuses

GS1 K4

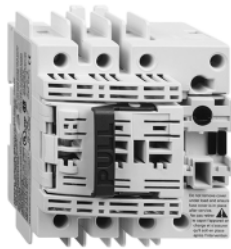
Switch-disconnector-fuse switch bodies for use with NF C or DIN fuses				
Switch rating	Fuse size	Number of poles	Reference	Weight
A				kg
For front-mounted external operators				
50	14 x 51	3	GS1 F3	1.200
		4	GS1 F4	1.400
63	Size 000 (1)	3	GS1 G3	1.400
		4	GS1 G4	1.700
100	22 x 58	3	GS1 J3	2.000
		4	GS1 J4	2.400
125	22 x 58	3	GS1 K3	2.000
		4	GS1 K4	2.400
	Size 00	3	GS1 KK3	2.000
		4	GS1 KK4	2.400
160	Size 0	3	GS1 L3	2.500
		4	GS1 L4	3.100
	Size 00	3	GS1 LL3	2.000
		4	GS1 LL4	2.400
250	Size 1	3	GS1 N3	3.800
		4	GS1 N4	4.800
400	Size 2	3	GS1 QQ3	4.500
		4	GS1 QQ4	6.800
For front-mounted internal and external operators				
630	Size 3	3	GS1 S3	16.500
		4	GS1 S4	20.500
1250	Size 4	3	GS1 V3	27.500
		4	GS1 V4	34.500

(1) Compact fuses for German market.

Protection components

Switch-disconnector-fuses, 32 to 1250 A
for use with BS fuses

532768



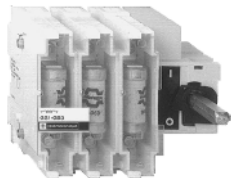
GS1 DDB3

532789



GS1 NBR3

532790



GS1 GB3

Switch-disconnector-fuse switch bodies for use with BS fuses

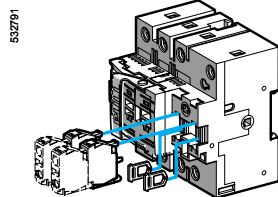
Switch rating	Fuse size	Number of poles	Reference	Weight
A				kg
For external operators mounted on RH or LH side, and front-mounted internal or external operators				
32	A1	3	GS1 DDB3	0.510
		3 + Nc (1)	GS1 DDB4	0.540
For internal or external operators mounted on right-hand side				
63	A2-A3	3	GS1 GBR3	1.100
		4	GS1 GBR4	1.400
100	A4 Ø ≤ 31 mm	3	GS1 JBR3	1.700
		4	GS1 JBR4	2.100
160	A4	3	GS1 LLBR3	2.200
		4	GS1 LLBR4	2.900
	B1-B2	3	GS1 LBR3	2.200
		4	GS1 LBR4	2.900
200	B1-B2	3	GS1 MMBR3	2.200
		4	GS1 MMBR4	2.900
250	B1...B3	3	GS1 NBR3	3.500
		4	GS1 NBR4	4.500
315	B1...B3	3	GS1 PPBR3	3.500
		4	GS1 PPBR4	4.500
400	B1...B4	3	GS1 QQBR3	4.700
		4	GS1 QQBR4	6.600
630	C1-C2	3	GS1 SBR3	17.500
		4	GS1 SBR4	21.500
800	C1...C3	3	GS1 TBR3	22.000
		3 + N	GS1 TBR4	26.500
1250	D1	3	GS1 VBR3	27.500
		4	GS1 VBR4	34.500
For front-mounted external operators				
32	A1	3	GS1 DB3	1.200
		4	GS1 DB4	1.400
63	A2-A3	3	GS1 GB3	1.400
		4	GS1 GB4	1.700
100	A4 Ø ≤ 31 mm	3	GS1 JB3	2.000
		4	GS1 JB4	2.400
160	A4	3	GS1 LLB3	2.200
		4	GS1 LLB4	2.900
	B1-B2	3	GS1 LB3	2.500
		4	GS1 LB4	3.200
200	B1-B2	3	GS1 MMB3	2.500
		4	GS1 MMB4	3.200
250	B1...B3	3	GS1 NB3	3.800
		4	GS1 NB4	4.800
315	B1...B3	3	GS1 PPB3	3.800
		4	GS1 PPB4	4.800
400	B1...B4	3	GS1 QQB3	4.500
		4	GS1 QQB4	6.800
For front-mounted internal or external operators				
630	C1-C2	3	GS1 SB3	17.500
		4	GS1 SB4	21.500
800	C1...C3	3	GS1 TB3	22.000
		3 + N	GS1 TB4	26.500
1250	D1	3	GS1 VB3	27.500
		4	GS1 VB4	34.500

(1) Nc = Switched neutral.

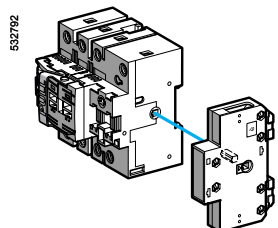
Protection components

Switch-disconnector-fuses, 32 to 1250 A

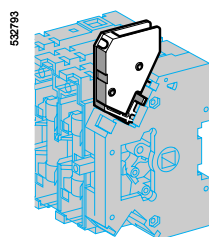
Auxiliary and signalling contacts



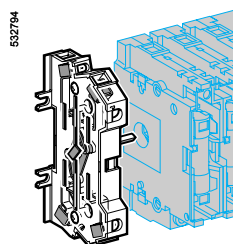
GS1 AM1●●



GS1 AM1●11



GS1 AM1



GS1 AN●

Auxiliary early break and/or O and I position signalling contacts

Switch rating	Type of contact	Mounting	Reference	Weight
A				kg
32	1 N/O	Front (1)	GS1 AM110	0.015
	1 N/C	Front (1)	GS1 AM101	0.015
	1 C/O	Side (2)	GS1 AM111	0.060
	2 C/O	Side (2)	GS1 AM211	0.070

Auxiliary early break and O and I position signalling contacts

Switch rating	Type of contact	Reference	Weight
A			kg
50...400	1 C/O	GS1 AM1 (3)	0.030
630...1250	1 C/O	GS1 AM3	0.030
50...400	2 C/O	GS1 AM2 (3)	0.050
630...1250	2 C/O	GS1 AM4	0.050

Auxiliary O and I position signalling contacts (4)

Switch rating	Type of contact	Reference	Weight
A			kg
Standard contacts			
50...400	1 N/C + 1 N/O	GS1 AN11 (5)	0.100
	2 N/C + 2 N/O	GS1 AN22 (5)	0.200

Contacts with test facility (6)

50...400	1 N/C + 1 N/O	GS1 ANT11	0.100
	2 N/C + 2 N/O	GS1 ANT22	0.200

Auxiliary "blown fuse" signalling contacts for use with NF C and DIN fuses (7)

Type of contact	Switch rating	Fuse size	Number of poles	Reference	Weight
A					kg
1 st C/O	50	14 x 51	3	GS1 AF1	0.030
			4	GS1 AF1	0.030
		22 x 58	3	GS1 AF23	0.040
			4	GS1 AF24	0.050
	160	T0	3	GS1 AF33	0.050
			4	GS1 AF34	0.060
		T1 and T2	3	GS1 AF43	0.060
			4	GS1 AF44	0.060
	630	T3	3	GS1 AF63	0.070
			4	GS1 AF64	0.070
	1250	T4	3	GS1 AF73	0.070
			4	GS1 AF74	0.070
2 nd C/O	50...400	—	3	GS1 AF	0.020
			4	GS1 AF	0.020
	630...1250	—	3	GS1 AFF	0.020
			4	GS1 AFF	0.020

(1) For use with front or side-mounted external operator.

(2) For use only with front-mounted internal operator.

(3) Except for switch-disconnector-fuses with operator mounted on left-hand side.

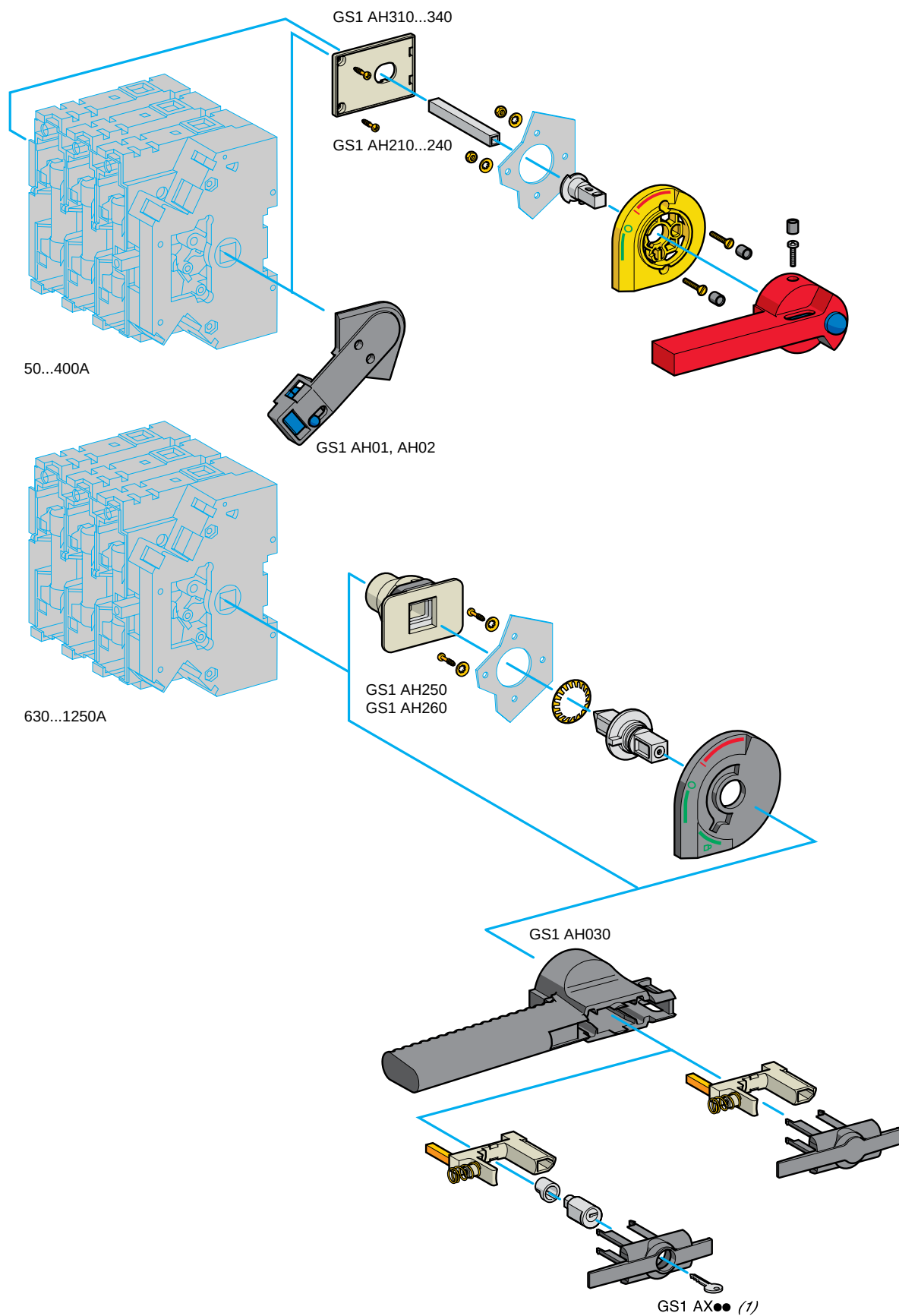
(4) Reversible add-on attachments for converting an N/C contact to an N/O contact and vice versa.

(5) For switch-disconnector-fuses with external operator mounted on left-hand side, add suffix G to the reference.

Example: **GS1 AN11G**.

(6) Provides Test function only with handles **GS1 AHT●●●**.

(7) BS fuses are not available with striker.



(1) See page 23024/10

Protection components

Switch-disconnector-fuses, 32 to 1250 A

Side-mounted operators

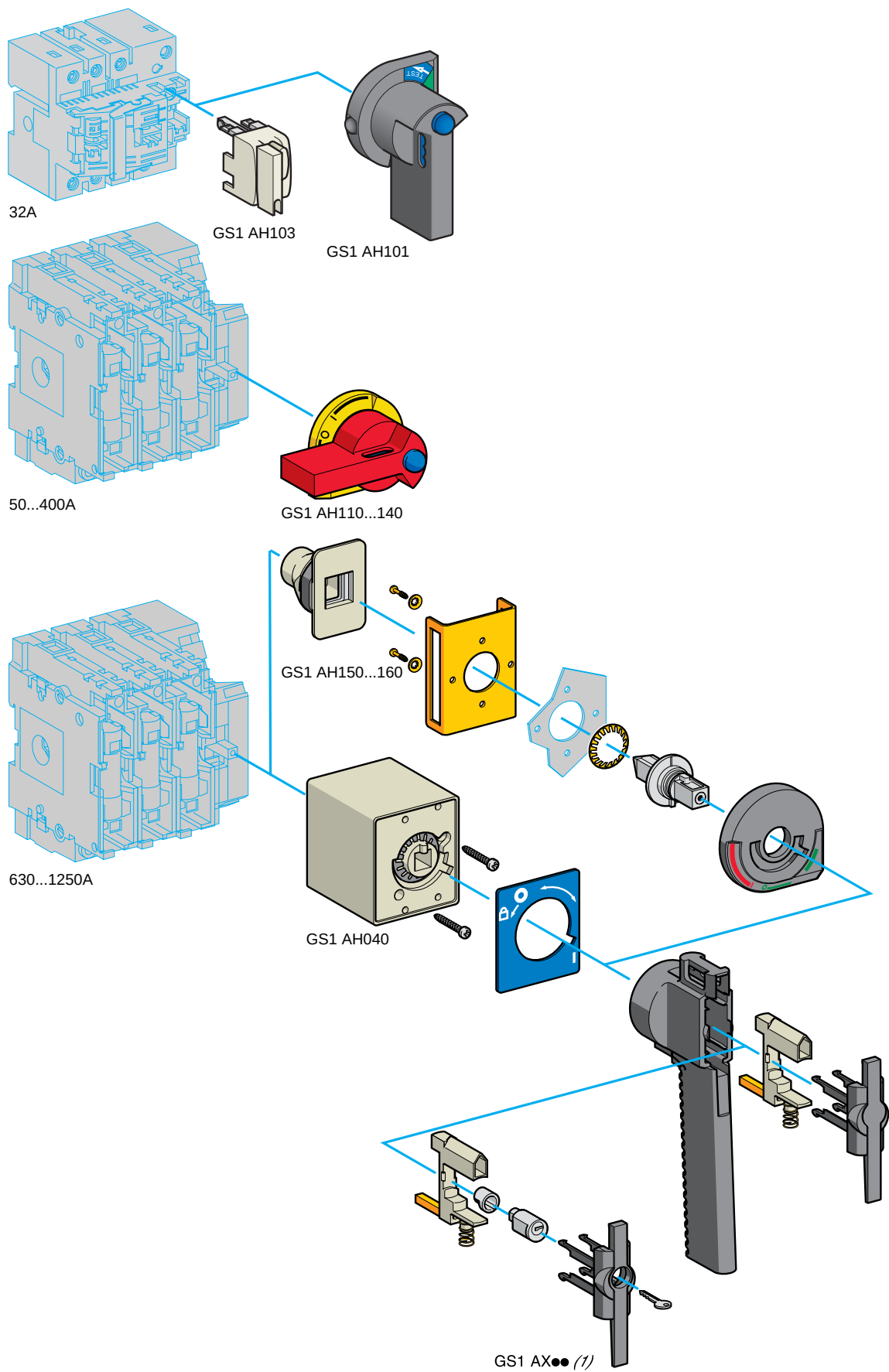
Side-mounted operators				
Switch rating	Type of operator	Colour of handle/front plate	Reference	Weight
A				kg
Handles for internal operators mounted on right-hand side, padlockable				
50 and 63	–	Black/–	GS1 AH01	0.050
100...400	–	Black/–	GS1 AH02	0.090
630...1250	Lockable (1) in "O" position	Black/–	GS1 AH030	0.300
Handles for external operators mounted on right-hand side, padlockable, IP 65				
32	–	Black/Black	GS1 AH101	0.160
		Red/Yellow	GS1 AH102	0.160
50 and 63	Lockable (2) in "O" position	Black/Black	GS1 AH210	0.320
		Red/Yellow	GS1 AH220	0.320
100...400	Lockable (2) in "O" position	Black/Black	GS1 AH230	0.350
		Red/Yellow	GS1 AH240	0.350
630...1250	Lockable (1) or (3) in "O" position	Black/Black	GS1 AH250	0.600
		Red/Yellow	GS1 AH260	0.600
Handles for external operators mounted on left-hand side, padlockable, IP 65 (4)				
32	–	Black/Black	GS1 AH311	0.160
		Red/Yellow	GS1 AH321	0.160
50 and 63	Lockable (2) in "O" position	Black/Black	GS1 AH310	0.320
		Red/Yellow	GS1 AH320	0.320
100...400	Lockable(2) in "O" position	Black/Black	GS1 AH330	0.350
		Red/Yellow	GS1 AH340	0.350

(1) Lockable with device **GS1 AX11** to be ordered separately.

(2) Lockable with device **GS1 AX31** to be ordered separately.

(3) Lockable with device **GS1 AX21** to be ordered separately.

(4) For switch-disconnector-fuses with NF C and DIN fuses.



(1) See page 23024/10

Protection components

Switch-disconnector-fuses, 32 to 1250 A

Front-mounted operators

Front-mounted operators				
Switch rating	Type of operator	Colour of handle/front plate	Reference	Weight
A				kg
Handles for front-mounted internal operators, padlockable				
32	–	Black/–	GS1 AH103	0.045
630...1250	Lockable (1) or (2) in "O" position	Black/–	GS1 AH040	0.600
Handles for front-mounted external operators, padlockable, IP 65.				
Door interlock in "I" position (4)				
32	–	Black/Black	GS1 AH101	0.160
		Red/Yellow	GS1 AH102	0.160
50 and 63	Lockable(3) in "O" position	Black/Black	GS1 AH110	0.320
		Red/Yellow	GS1 AH120	0.320
100...400	Lockable(3) in "O" position	Black/Black	GS1 AH130	0.350
		Red/Yellow	GS1 AH140	0.350
630...1250	Lockable(1) in "O" position	Black/Black	GS1 AH150	0.700
		Red/Yellow	GS1 AH160	0.700
Handles for front-mounted external operators, padlockable, with test facility IP 65.				
Door interlock in "I" position (4)				
50 and 63	Lockable(3) in "O" position	Black/Black	GS1 AHT110	0.320
		Red/Yellow	GS1 AHT120	0.320
100...400	Lockable(3) in "O" position	Black/Black	GS1 AHT130	0.350
		Red/Yellow	GS1 AHT140	0.350

(1) Lockable with device **GS1 AX11** to be ordered separately.

(2) Lockable with device **GS1 AX21** to be ordered separately.

(3) Lockable with device **GS1 AX31** to be ordered separately.

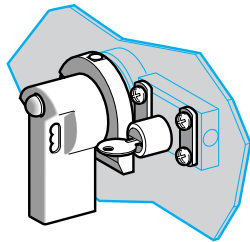
(4) Door interlock can be overridden with a tool on ratings up to 400 A.

Protection components

Switch-disconnector-fuses, 32 to 1250 A

Accessories

632797



GS1 AX●●

Shaft extensions for external operators

Switch rating	Operator Type	length mm	Shaft cross section mm	Reference	Weight kg
A					
32	Side or front-mounted	200	5 x 5	GS1 AE9	0.105
50...400	Side-mounted	200	10 x 10	GS1 AE1	0.050
	Front-mounted	320	10 x 10	GS1 AE2	0.200
630...1250	Side-mounted	200	15 x 15	GS1 AE5	0.500
	Front-mounted	200	15 x 15	GS1 AE6	0.450

Kits for handle locking devices

Switch rating	Type of operator	Key description	Reference	Weight kg
A				
50...400	External	Ronis EL11AP	GS1 AX31	0.400
	Side or front-mounted			
630...1250	Internal or external	Ronis 1104	GS1 AX11	0.020
	Side or front-mounted			
	Internal	Ronis EL11AP	GS1 AX21	0.200
	Front-mounted			

Cage terminals for connection of bare cables (without lug)

Switch rating	Number of poles	Reference	Weight kg
A			
100...160	3	GS1 AW33	0.070
	4	GS1 AW34	0.090
250	3	GS1 AW43	0.013
	4	GS1 AW44	0.017

Protection components

Switch-disconnector-fuses, 32 to 1250 A

Accessories

Terminal covers for upstream or downstream connector plates

Switch rating	Number of poles	Reference	Weight
A			kg
50 and 63	3 or 4	(1)	—
100...160	3	GS1 AP33	0.100
	4	GS1 AP34	0.100
200...400	3	GS1 AP43	0.250
	4	GS1 AP44	0.300
630	3	GS1 AP63	0.400
	4	GS1 AP64	0.500

Terminal covers for upstream connector plates

Switch rating	Number of poles	Reference	Weight
A			kg
800	3	GS1 AP73	0.400
	4	GS1 AP74	0.500
1250	3	GS1 AP83	0.300
	4	GS1 AP84	0.400

Fuse cover locking devices (2)

Switch rating	Fuse size	Number of poles	Reference	Weight
A				kg
50	14 x 51 and A1	3 or 4	(1)	—
63	T00C and A2-A3	3 or 4	GS1 AV1	0.010
100...160	22 x 58, T00 and A4	3 or 4	GS1 AV2	0.010
160	T0	3	GS1 AV33	0.050
		4	GS1 AV34	0.050
	B1-B2	3	GS1 AV43	0.150
		4	GS1 AV44	0.180
250	T1	3	GS1 AV53	0.060
		4	GS1 AV54	0.060
	B1...B3	3	GS1 AV63	0.180
		4	GS1 AV64	0.220
400	T2 and B1...B4	3	GS1 AV73	0.180
		4	GS1 AV74	0.220

(1) Fitted as standard on these switch-disconnector-fuses.

(2) For switch-disconnector-fuses fitted with internal or external operators mounted on right-hand side.