

■ NH (HRC) fuses-load-breaker, size 000 (100A), series Wöhner



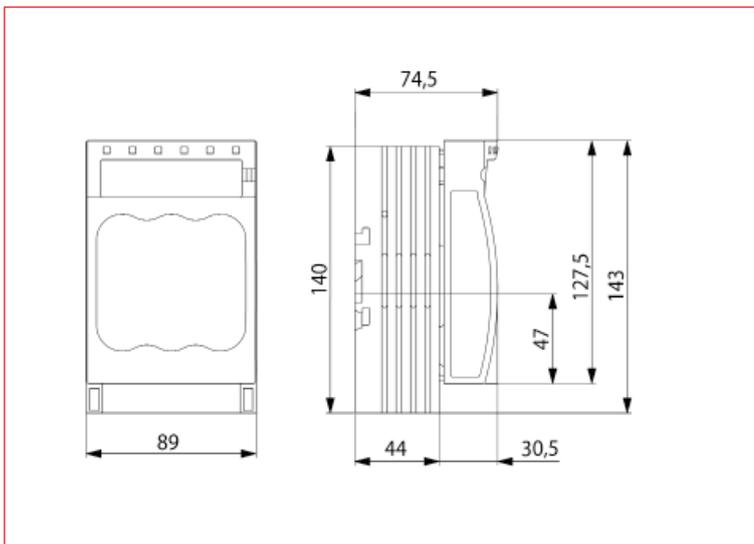
SI332170

■ Schrack-Info

- QUADRON® Panel-NH fuse switch-disconnector size 000, 125 A
- Spring-loaded copper contacts, silver plated
- Connection box terminal
- System: Mounting plate

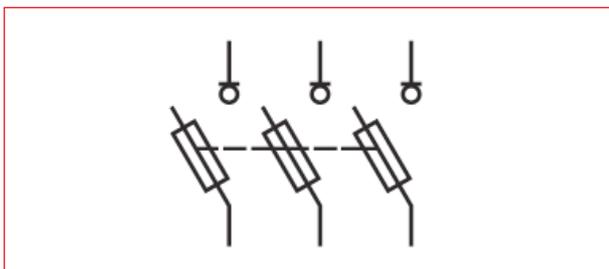
Rated current (IEC):	125 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400 V)
	AC-22B (500 V)
	AC-21B (690 V)
Category of use DC:	DC specifications: 2 current paths (L1, L3) in series
	DC-22B (440V/63A)
	DC-22B (220V/100A)
	DC-21B (440V/80A)
	DC-21B (220V/125A)
Power dissipation:	5W
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690 V
Approved with fuse links of characteristics: for fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 000 (max. 21 mm wide) up to 9W power dissipation	gG
Degree of protection IP30 at front, degree of protection near terminal depends on installation	
Front degree of protection:	IP30
Contacts:	spring-loaded copper contacts, silver plated
Terminal points	Box terminal:
	2,5 - 50mm ² flexible cables,
	1,5 - 50mm ² flexible cables with wire-end ferrules
	1,5 - 10mm ² solid round
	16 - 50mm ² stranded round
	(flexible cables of maximum cross-section may not fit when using wire-end ferrule)
	la. Cu. 6-9 mm wide
Terminal space 10mm x 10mm	

■ SI332170 Dimensions

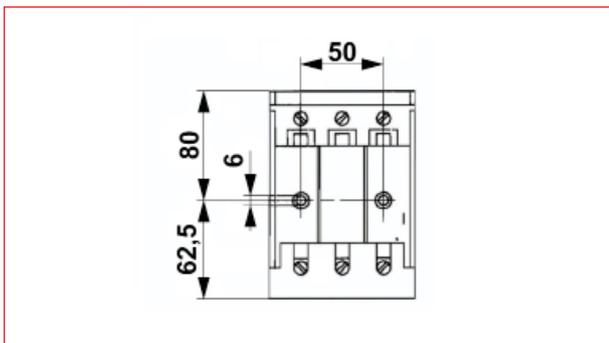


■ NH (HRC) fuses-load-breaker, size 000 (100A), series Wöhner

■ Wiring diagram



■ SI332170 Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 000, box-terminal 50 mm ² , for mountingplate, 125A		SI332170
Rapid mounting set for DIN-rail		SI332470
Busbar 35 mm ² , 3-pole, for 2 NH fuse switch disconnectors size 000, SI332170		SI339060



■ NH (HRC) fuses-load-breaker, size 00 (160A), series Wöhner



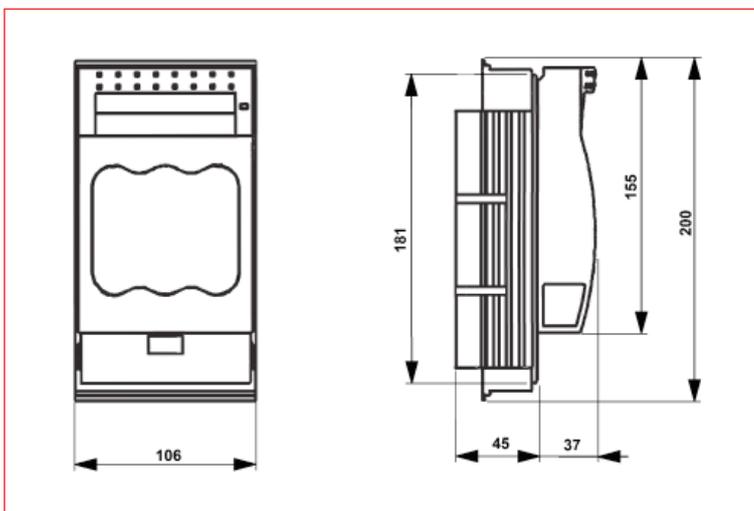
SI331990

■ Schrack-Info

- QUADRON® Panel-NH fuse switch-disconnector size 00, 160 A
- Spring-loaded copper contacts, silver plated
- Connection: cleat or M8
- System: Mounting plate
- Also available with fuse monitoring

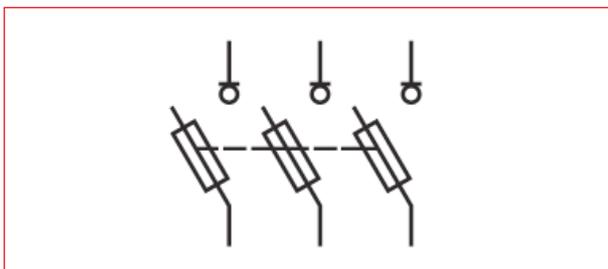
Rated current (IEC):	160 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400V)
	AC-23B (500V/125A)
	AC-22B (690V)
	AC-21B (690V)
	AC-20B (1000V) at level of soiling 2
	visible information required if used at more than 690V AC: do not switch under load
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (220V)
	DC-22B (440V/125A)
	DC-21B (440V)
	DC-20B (1000V) at level of soiling 2
	visible information required if used at more than 440V DC: do not switch under load
Power dissipation:	7W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation	
Degree of protection IP30 at front, degree of protection near terminal depends on installation	
Front degree of protection:	IP30
Contacts:	spring-loaded copper contacts, silver plated
Terminal points screw:	M8
Terminal points clamp-type terminals :	1,5 - 70 mm ²
	flexible cables with wire-end ferrule,
	stranded round cables,
	la. Cu max. 12 mm wide, max. 10 mm thick
	Md 3 Nm

■ SI331990 Dimensions

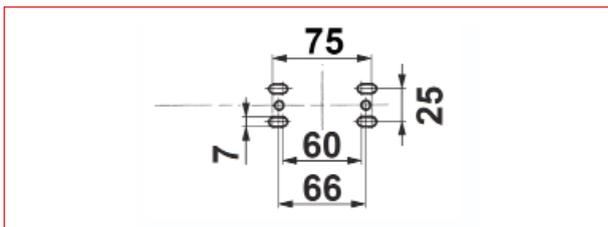


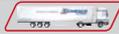
■ NH (HRC) fuses-load-breaker, size 00 (160A), series Wöhner

■ Wiring diagram



■ SI332010 Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 00, clamp-type terminal 70mm ² , 160A		SI331990
Size 00, screw-connection M8, 160A		SI332000
Size 00, clamp-type terminal, 160A, with electromechanical fuse monitoring		SI332070
Size 00, clamp-type terminal 70mm ² , 160A, with electronic fuse monitoring		SI333280
Size 00, screw-connection M8, 160A, with electronic fuse monitoring		SI333290
Size 00, Cross Link Switch, 3-pole, 125A		SI335020
Size 00, clamp-type terminal 70mm ² , with short protection cover, 160A		SI332210
Size 00, screw M8 with electromechanical fuse monitoring, 160A		SI332080
Comb type busbar, for 2 HRC fuse switch, size 00, SI332000 series Wöhner		SI333760
Comb type busbar, for 3 HRC fuse switch, size 00, SI332000 series Wöhner		SI333770
Size 00, Connection-terminal 25-95mm ² , also for comb type busbar		SI333780



■ NH (HRC) fuses-load-breaker, size 1 (250A), series Wöhner



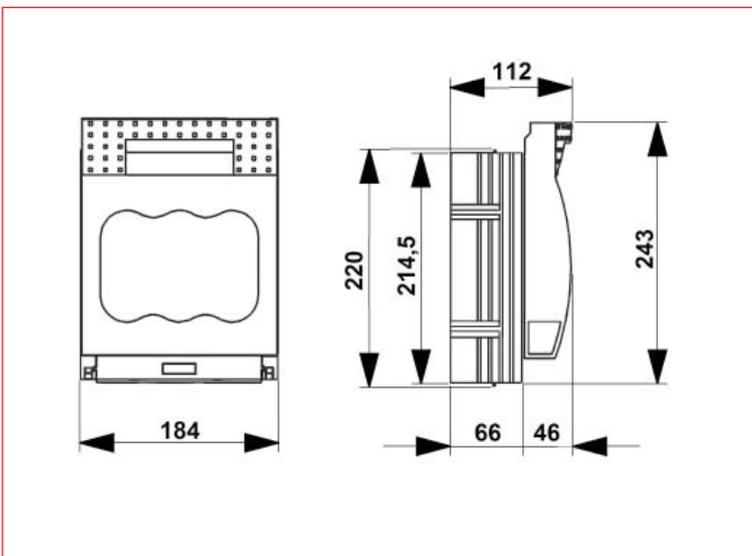
SI332010-A

■ Schrack-Info

- QUADRON® Panel-NH fuse switch-disconnector size 1, 250 A
- System: mounting plate
- Spring-loaded copper contacts, silver plated
- For safe connection of the leads, the shock protection is split into 2.
- Self-closing inspection holes are available in the cover.
- Also available with fuse monitoring.

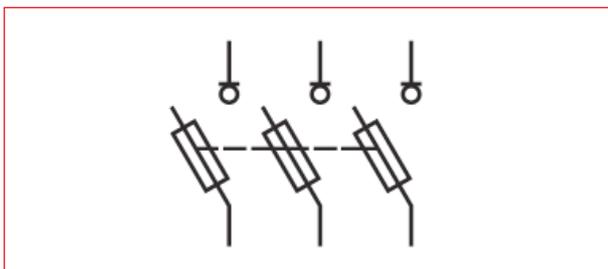
Rated current (IEC):	250 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-22B (400 V)
	AC-23B (400 V / 160A)
	AC-21B (690 V)
	AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series
	DC-20B (440V)
	DC-20B (1000V)
Power dissipation:	14,1W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I_{pk} :	13.7 kA
Cond. rated short-circuit current with fuses:	80 kA / 690 V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I_{cw} :	8,1kA / 1s
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 1	up to 23W power dissipation
Contacts:	spring-loaded copper contacts, silver plated
Front degree of protection:	IP30
Terminal points screw:	M10
Terminal points screw box terminal:	Cu 70-185mm ² f
	Cu 35-150mm ² s(r)
	Cu 35-95mm ² f+AE
	la.Cu 15.5-24mm large
	terminal space 24.5 x 12mm min. terminal space height 3mm

■ Dimensions

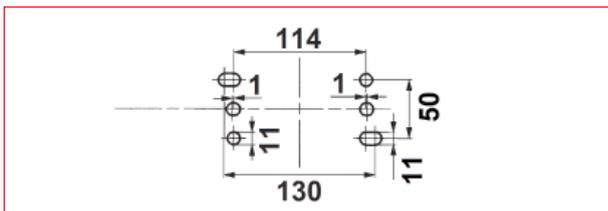


■ NH (HRC) fuses-load-breaker, size 1 (250A), series Wöhner

■ Wiring diagram



■ Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 1, screw-connection M10, 250A		SI332010-A
Size 1, screw-terminal M10, 250A, with electromechanical fuse monitoring		SI331490
Ark chamber NH disconnectors size 1		SI339180
NH fuse switch-discon. size 1, 250 A, panel mounting, connection box terminal		SI333930



■ NH (HRC) fuses-load-breaker, size 2 (400A), series Wöhner



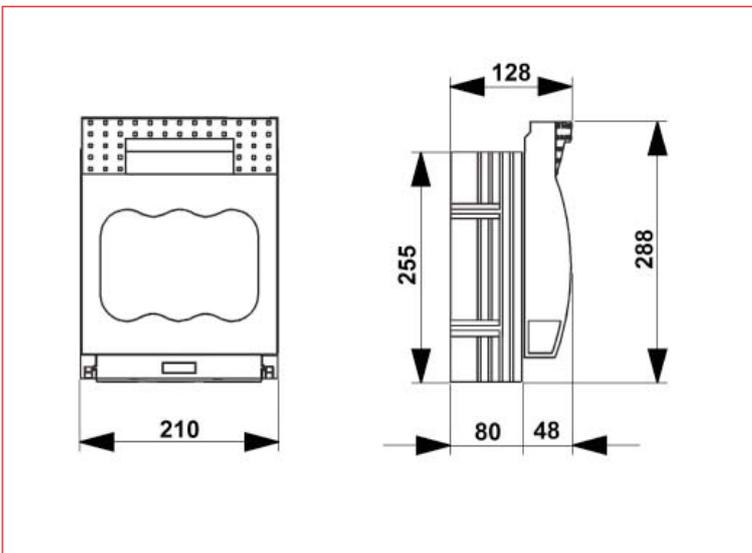
SI332010-A

■ Schrack-Info

- QUADRON® Panel-NH fuse switch-disconnector size 2, 400 A
- System: mounting plate
- Spring-loaded copper contacts, silver plated
- For safe connection of the leads, the shock protection is split into 2.
- Self-closing inspection holes are available in the cover.
- Also available with fuse monitoring.

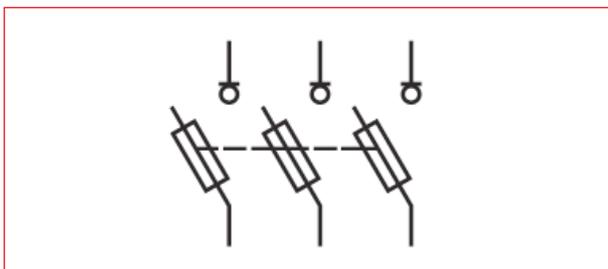
Rated current (IEC):	400 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400V)
	AC-22B (690V)
	AC-21B (690V)
	AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (440V)
	DC-21B (440V)
	DC-20B (1000V) at level of soiling 2
Power dissipation:	22W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I_{pk} :	27.2 kA
Cond. rated short-circuit current with fuses:	50 kA / 690V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I_{cw} :	13,2kA / 1s
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 2 up to 34W power dissipation	
Contacts:	spring-loaded copper contacts, silver plated
Degree of protection:	IP30 at front, degree of protection near terminal depends on installation
Front degree of protection:	IP30
Terminal points screw	M10

■ Dimensions

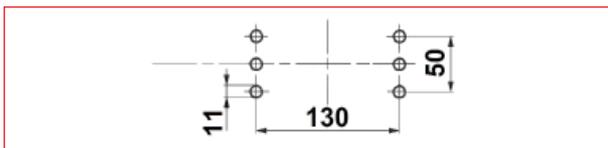


■ NH (HRC) fuses-load-breaker, size 2 (400A), series Wöhner

■ Wiring diagram



■ Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 2, screw-connection M10, 400A		SI332020
Size 2, screw-terminal M10, 400A, with electromechanical fuse monitoring		SI331500
Size 2, screw-connection M10, 400A, with electronic fuse monitoring		SI333310



■ NH (HRC) fuses-load-breaker, size 3 (630A), series Wöhner



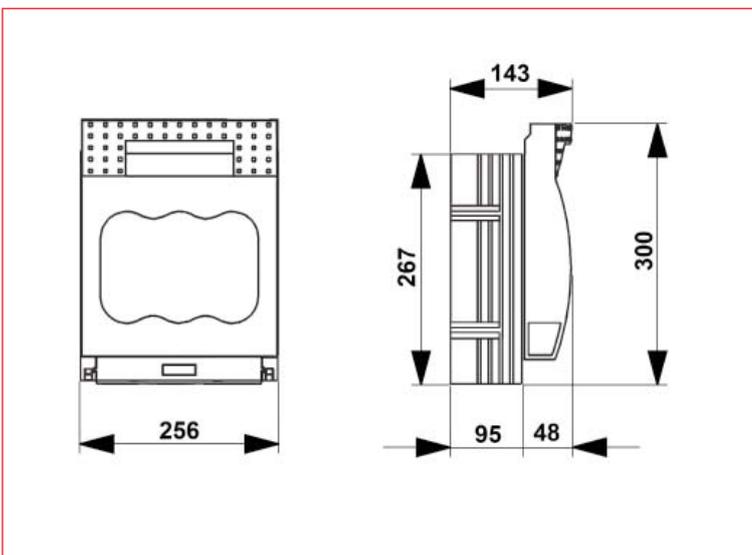
SI332030

■ Schrack-Info

- QUADRON® Panel-NH fuse switch-disconnector size 3, 630 A
- System: mounting plate
- Spring-loaded copper contacts, silver plated
- For safe connection of the leads, the shock protection is split into 2.
- Self-closing inspection holes are available in the cover.
- Also available with fuse monitoring

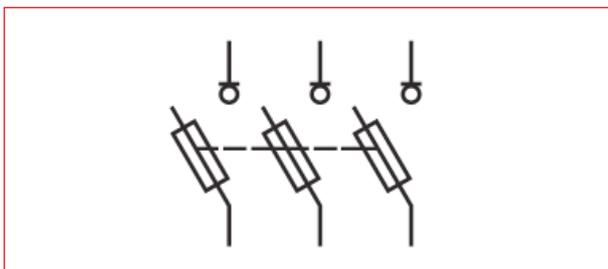
Rated current (IEC):	630 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400V)
	AC-22B (690V)
	AC-21B (690V)
	AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (440V)
	DC-21B (440V)
	DC-20B (1000V) at level of soiling 2
Power dissipation:	36W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I_{pk} :	35.2 kA
Ccond. rated short-circuit current with fuses:	50 kA / 690V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I_{cw} :	15,1kA / 1s
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 3 up to 48W power dissipation	
Contacts:	spring-loaded copper contacts, silver plated
Degree of protection	IP30 at front, degree of protection near terminal depends on installation
Terminal points:	screw M12
	Md 35 - 40 Nm

■ Dimensions

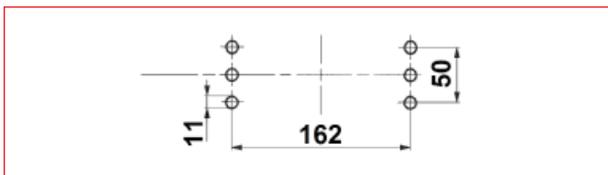


■ NH (HRC) fuses-load-breaker, size 3 (630A), series Wöhner

■ Wiring diagram



■ Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 3, screw-connection M12, 630A		SI332030
Size 3, screw-terminal M12, 630A, with electromechanical fuse monitoring		SI331510
Size 3, screw-connection M12, 630A, with electronic fuse monitoring		SI333320



NH (HRC) fuses-load-breaker, size 4a (1600A), series Wöhner



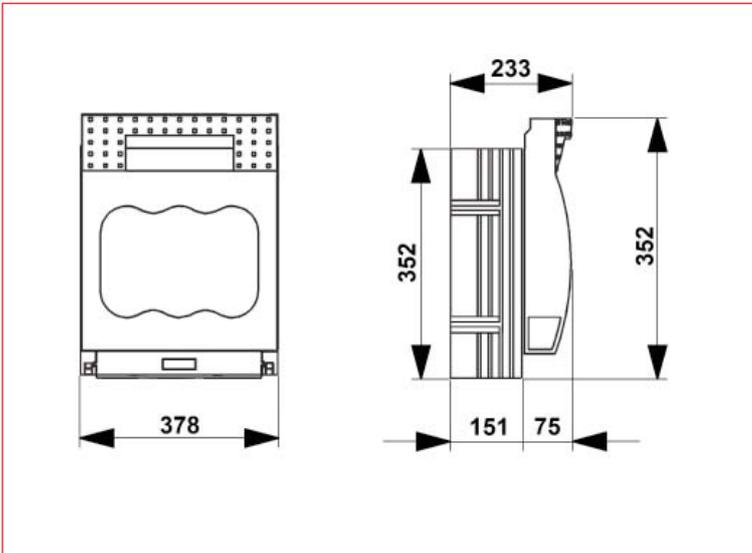
SI332040

Schrack-Info

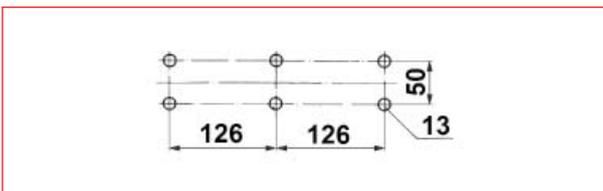
- QUADRON® Panel-NH fuse switch-disconnector size 4a, 1600 A
- Connection screw 2 x M12
- System: mounting plate

Rated current (IEC):	1600 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-22B (400V), AC-21B (690V)
Category of use DC:	DC-21B (440 V)
Power dissipation:	240W
Rated isolation voltage U _i (AC):	800 V
Rated surge voltage U _{imp} :	8 kV
Cond. rated short-circuit current with fuses:	50kA / 690V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 4a up to 140W power dissipation	
Terminal points:	Flat connection (50mm wide) 2xM12
	Screw connection 2x M12
	35 - 40Nm torque

Dimensions



Instructions for mounting



DESCRIPTION	AVAILABLE	ORDER NO.
Size 4A, connection: 2 screws M12, 500mm ² , 1600 A		SI332040

■ NH (HRC) fuses-carrier, size 00 (160A), series Wöhner



SI033510

■ Schrack-Info

- NH fuse-base size 00, 160 A
- System: mounting plate

Rated current (IEC):	160 A
For fuse links IEC 60269-2 / DIN VDE 0636-201 size 00 up to 12W power dissipation	
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Power dissipation:	12,5W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Breaking capacity with fuses:	50 kA

DESCRIPTION	AVAILABLE	ORDER NO.
3-pole, screw M8 on both sides		SI037590
3-pole, screw M8 on both sides, 160A, barrier type		SI033510
1-pole, screw M8 on both sides, 160A, without personal-contact-protection		SI033500
3-pole, panel-mounting, clamp 1,5-70mm ² on both sides, 160A, barrier type		SI033550
Size 00, 160A, 1-pole, cleat, without personal-contact-protection		SI033690
Size 00, 160 A, 1-pole, screw on both sides, screw M8 on both sides, with shock protection cover		SI037580
1-pole, clamp 1,5-70mm ² on both sides, 160A, with shock protection cover		SI037600
3-pole, clamp 1,5-70mm ² on both sides, 160A, with shock protection cover		SI037610
Shock protection in two parts for HRC fuse-base		SI037910

■ HRC-fuse-base size 00 (160A), series Wöhner



SI036680

■ Schrack-Info

- Neutral-conductors size 00, for NH-fuse-base for mounting-plate

Rated current (IEC):	160 A
Rated voltage (IEC) AC:	690 V
Power dissipation:	8W
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V

DESCRIPTION	AVAILABLE	ORDER NO.
160A, cleat 1,5-70mm ² on both sides		SI036200
160 A, disconnectable, cleat 1,5-70mm ² on both sides		SI036680
Neutral conductor 630 A, disconnectable screw, both sides		SI032130



Order no. blue: on stock, usually ready for delivery on the day of order

■ HRC-neutral-conductor size 1, series Wöhner



■ Schrack-Info

- Neutral-conductors size 1, for NH-fuse-base for mounting-plate

SI036570

Rated current (IEC):	250 A
Rated voltage (IEC) AC:	690 V
Power dissipation:	2,9W
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V

DESCRIPTION	AVAILABLE	ORDER NO.
250 A, disconnectable, screw M8 on both sides		SI036570

■ HRC-neutral-conductor size 2+3, series Wöhner



■ Schrack-Info

- Neutral-conductors size 2 and 3, for NH-fuse-base for mounting-plate

SI037570

Rated current (IEC):	400 A
Rated voltage (IEC) AC:	690 V
Power dissipation:	5.8 W
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V

DESCRIPTION	AVAILABLE	ORDER NO.
400A, disconnection, cleat on both sides		SI037570

HRC-fuse-base size 1 (250A), series Wöhner

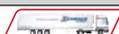


SI037630

Schrack-Info

- NH-fuse-base size 1, 250 A
- System: mounting plate
- With touch protection

Rated current (IEC):	250 A
For fuse links IEC 60269-2 / DIN VDE 0636-201 size 1 to 32W power dissipation	
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Power dissipation:	5,5 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	1000 V
Max. permitted voltage (IEC) DC:	1000 V
Breaking capacity with fuses:	50 kA
1000V DC, air and creepage distances to DIN EN 60664-1, VDE 0110 Part 1 are to be considered for	

DESCRIPTION	AVAILABLE	ORDER NO.
1-pole, screw M10 on both sides, with shock protection cover		SI037620
3-pole, screw M10 on both sides, with shock protection cover		SI037630

HRC-fuse-base size 2 (400A), series Wöhner



SI037670

Schrack-Info

- NH-fuse-base size 2, 400 A
- System: mounting plate
- With touch protection

Rated current (IEC):	400 A
For fuse links IEC 60269-2 / DIN VDE 0636-201 size 2 up to 45W power dissipation	
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Power dissipation:	36 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Breaking capacity with fuses:	50 kA

DESCRIPTION	AVAILABLE	ORDER NO.
3-pole, screw M10 on both sides, with shock protection cover		SI037670
1-pole, screw M10 on both sides, with shock protection cover		SI037660

■ HRC-fuse-base size 3 (630A), series Wöhner



■ Schrack-Info

- NH-fuse-base size 3, 630 A
- System: mounting plate
- With touch protection

SI037690

Rated current (IEC):	630 A
For fuse links IEC 60269-2 / DIN VDE 0636-201 size 3 up to 60W power dissipation	
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Power dissipation:	30 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	1000 V
Max. permitted voltage (IEC) DC:	1000 V
Breaking capacity with fuses:	50 kA

DESCRIPTION	AVAILABLE	ORDER NO.
1-pole, screw M12 on both sides, with shock protection cover		SI037680
3-pole, screw M12 on both sides, with shock protection cover		SI037690

■ NH (HRC) fuses-load-breaker, size 000 (100A), for 60mm system, series Wöhner



SI332160

■ Schrack-Info

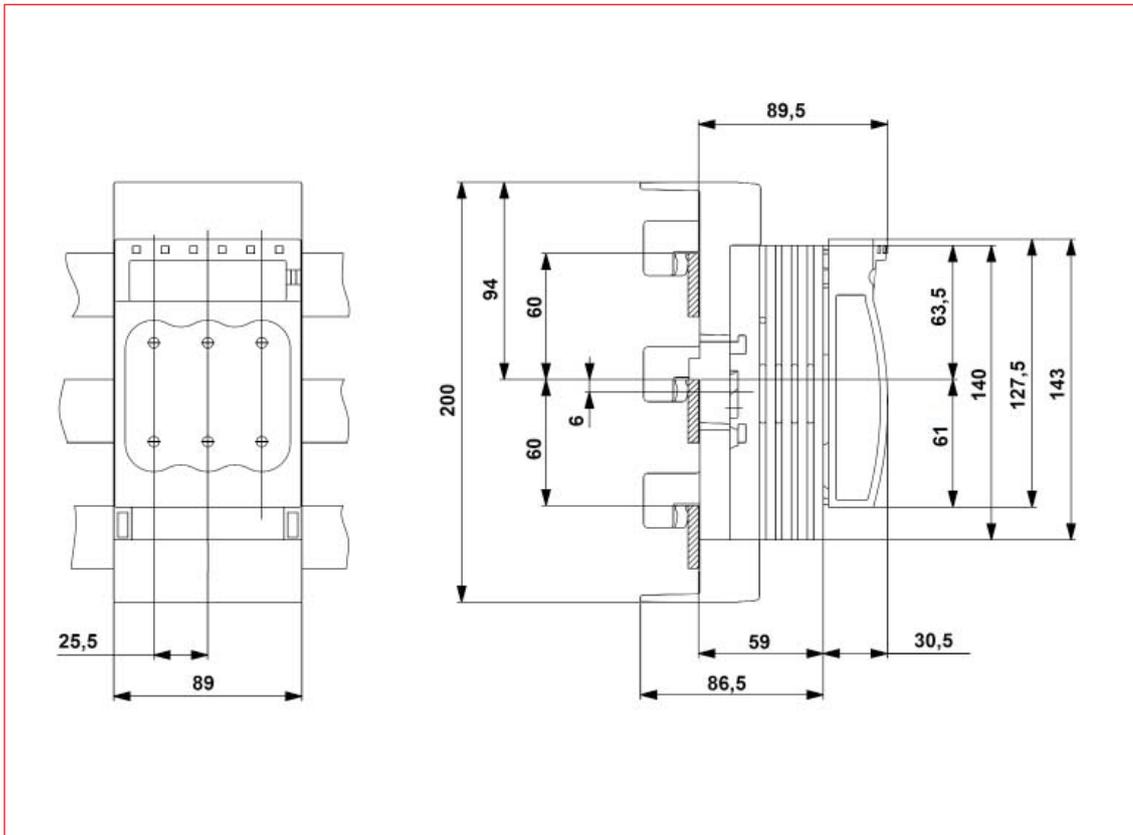
- QUADRON®60Classic-NH-fuse switch-disconnector size 000, 125 A
- Bus-mounting on 60mm busbar-system
- Convenient click mechanism
- Simple conversion of the combination bases from 5 to 10mm-thick busbars
- Spring-loaded copper contacts, silver plated
- Self-closing inspection holes are available in the cover
- Connection box terminal
- Outgoing terminal bottom or top

Rated current (IEC):	125 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400 V) AC-22B (500 V) AC-21B (690 V)
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series DC-22B (440V/63A) DC-22B (220V/100A) DC-21B (440V/80A) DC-21B (220V/125A)
Power dissipation:	10,5 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690 V (50A) 50 kA / 500 V (100A) 50 kA / 400 V (125A)
approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 / DIN VDE 0636-201 size 000 (max. 21 mm wide) up to 9W power dissipation In accordance with the specified AC and DC switching properties and in consideration of the overload conditions, certain distances to earthed metal parts are to be adhered to.	
Front degree of protection:	IP30 Degree of protection IP30 at front, degree of protection near terminal depends on installation
Type of fastening:	patented click mechanism
Box terminal:	2,5 - 50mm ² flexible cables, 1,5 - 50mm ² flexible cables with wire-end ferrules 1,5 - 10mm ² solid round 16 - 50mm ² stranded round (flexible cables of maximum cross-section may not fit when using wire-end ferrule) la. Cu. 6-9 mm wide Terminal space 10mm x 10mm

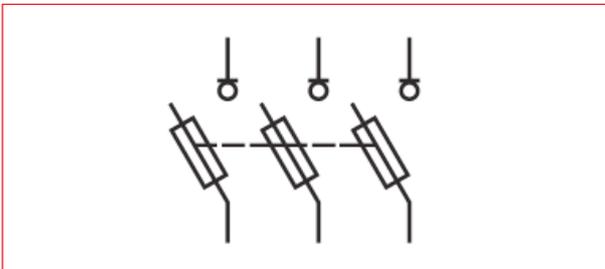
NH (HRC) fuses-accessories series Wöhner

■ NH (HRC) fuses-load-breaker, size 000 (100A), for 60mm system, series Wöhner

■ SI332160



■ SI332160



DESCRIPTION

Size 000, box-terminal 50 mm², connection top/bottom, 125 A

AVAILABLE

ORDER NO.



SI332160

■ NH (HRC) fuses-load-breaker, size 000 (100A), for 60mm-Compact-system, series Wöhner



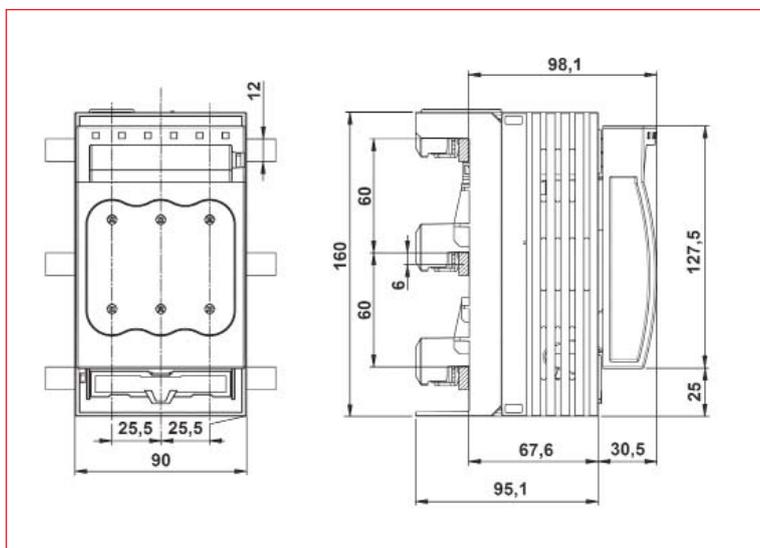
SI334160

■ Schrack-Info

- QUADRON®60Compact-NH-fuse switch-disconnector size 000, 125 A
- Bus-mounting on 60mm busbar-Compact-system
- CrossLink® adapter technology
- Fast and safe conversion of the connection for top or bottom, the parts under voltage remain shock protected
- Simple and safe clicking into place and making contact
- Safe connection through shock protection split into two

Rated current (IEC):	125 A
Poles:	3-pole
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400 V)
	AC-22B (500 V)
	AC-21B (690 V)
Category of use DC:	DC specifications: 2 current paths (L1, L3) in series
	DC-22B (440V/63A)
	DC-22B (220V/100A)
	DC-21B (440V/80A)
	DC-21B (220V/125A)
Power dissipation:	13,8 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690 V (80A)
	50 kA / 500 V (100A)
	50 kA / 400 V (125A)
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2 / DIN VDE 0636-2 size 000 (max. 21 mm wide) up to 9W power dissipation	
Degree of protection:	IP30 at front as per DIN EN 60529
	degree of protection near terminal depends on installation, adapter module: front side degree of protection IP20 as per DIN EN 60529 (finger-safe)
Terminal points Box terminal:	2,5 -50mm ² flexible cables,
	1,5 -50mm ² flexible cables with wire-end ferrules
	1,5 - 10mm ² solid round
	16 - 50mm ² stranded round
	(flexible cables of maximum cross-section may not fit when using wire-end ferrule)
	1a. Cu. 6-9 mm wide
	Terminal space 10mm x 10mm

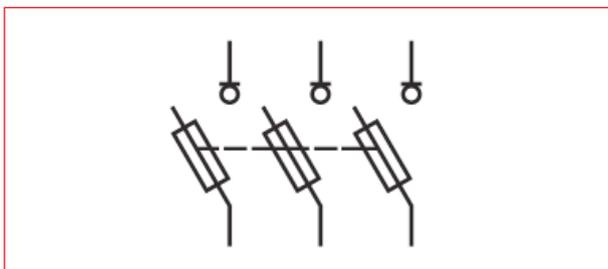
■ SI334160 Dimensions



NH (HRC) fuses-accessories series Wöhner

■ NH (HRC) fuses-load-breaker, size 000 (100A), for 60mm-Compact-system, series Wöhner

■ SI334160



DESCRIPTION	AVAILABLE	ORDER NO.
3-pole, connection top or bottom by rotating, 125A, for busbars 12x5/10		SI334160

■ NH (HRC) fuses-load-breaker, size 00 (160A), for 60mm system, series Wöhner



SI335000



SI331980

■ Schrack-Info

- QUADRON®60Compact-NH-fuse switch-disconnector size 00, 160 A
 - Bus-mounting on 60mm busbar-system
 - CrossLink® adapter technology
 - Fast and safe conversion of the connection for top or bottom; the parts under voltage remain shock protected
 - Simple and safe clicking into place and making contact
 - Safe connection through shock protection split into two
 - Busbar supports for flat busbars can be mounted above each other
-
- SI33500 with spring-controlled switch mechanism for frequent switching as per utilization category "A"
 - Can be locked in neutral position with up to 3 U-locks
 - FLAG indicator shows the switch setting
 - Fuses can be changed safely and without tools thanks to double-breaking main contacts
 - Additional visible separating section by removing the cover incl. fuses
 - Can be used as mains disconnecter as per IEC / EN 60204-1 (main switch).
 - Mains switch only in combination with AC-23A/B

CrossLink® Technology

The new CrossLink® Technology enables wide-ranging use for various applications. Different system components in the same device category all have the same installed width and the same adapters. In this way, CrossLink®Technology improves the design versatility and safety of systems.

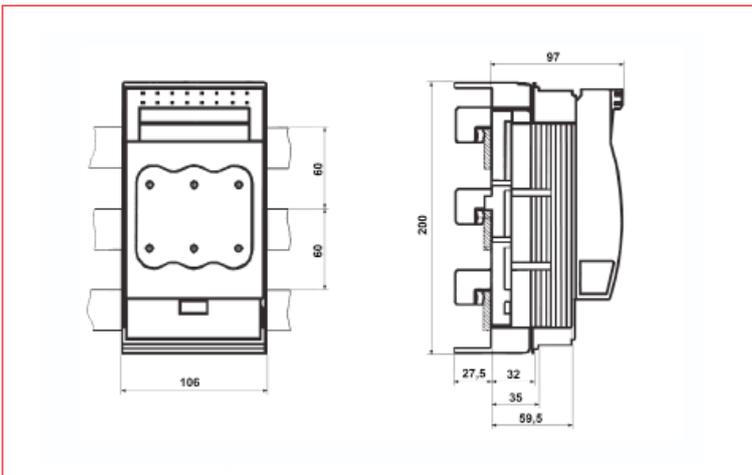
QUADRON®60Classic

The highlight of the CrossLink® Technology is the busmounting switch disconnector with NH fuses. Its spring-operated mechanism ensures safe, operator-independent switching. The QUADRON®60Classic with operating mechanism has a switch-on preventer with the lid opened and a shut-down device with up to 3 locks. The NH fuses can be easily and safely changed.

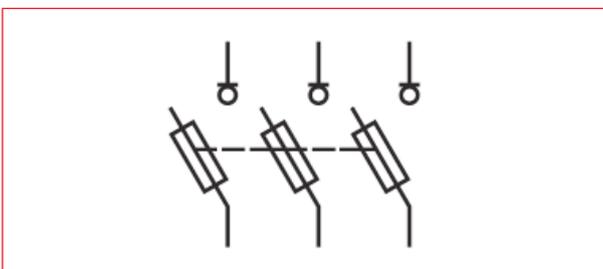
■ NH (HRC) fuses-load-breaker, size 00 (160A), for 60mm system, series Wöhner

Rated current (IEC):	160 A
Poles:	3-pole
Busbar connector:	externally tensioned contacting, convenient click mechanism, simple conversion of the combination bases from 5 to 10mm-thick busbars
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-21B (690V) AC-22B (500V) AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series DC-21B (220V) DC-21B (440V/100A) DC-22B (220V/63A) DC-20B (1000V) at level of soiling 2
Power dissipation:	17,7 W
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690V
Contacts:	spring-loaded copper contacts, silver plated
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2 / DIN VDE 0636-2 size 00 up to 12W power dissipation	
Degree of protection:	front, IP30 System component: degree of protection IP30 at front as per DIN EN 60529, degree of protection near terminal depends on installation adapter module: front side degree of protection IP20 as per DIN EN 60529 (finger-safe)
Terminal points box terminal:	1,5 -70mm ² flexible cables directly 1,5 -50mm ² flexible cables with wire-end ferrules 1,5 -10mm ² solid round 16 -70mm ² stranded round 2x10mm ² , 2x16mm ² and 2x25mm ² flexible with wire-end ferrules, identical cables placed side by side, crimping square 2x 10-35mm ² flexible identical cables placed side by side la. Cu. 9-13 mm wide Terminal space 13mm x 13mm
Terminal points screws:	screw M8, galvanized, chromized

■ SI331980 / SI333980 Dimensioned drawing

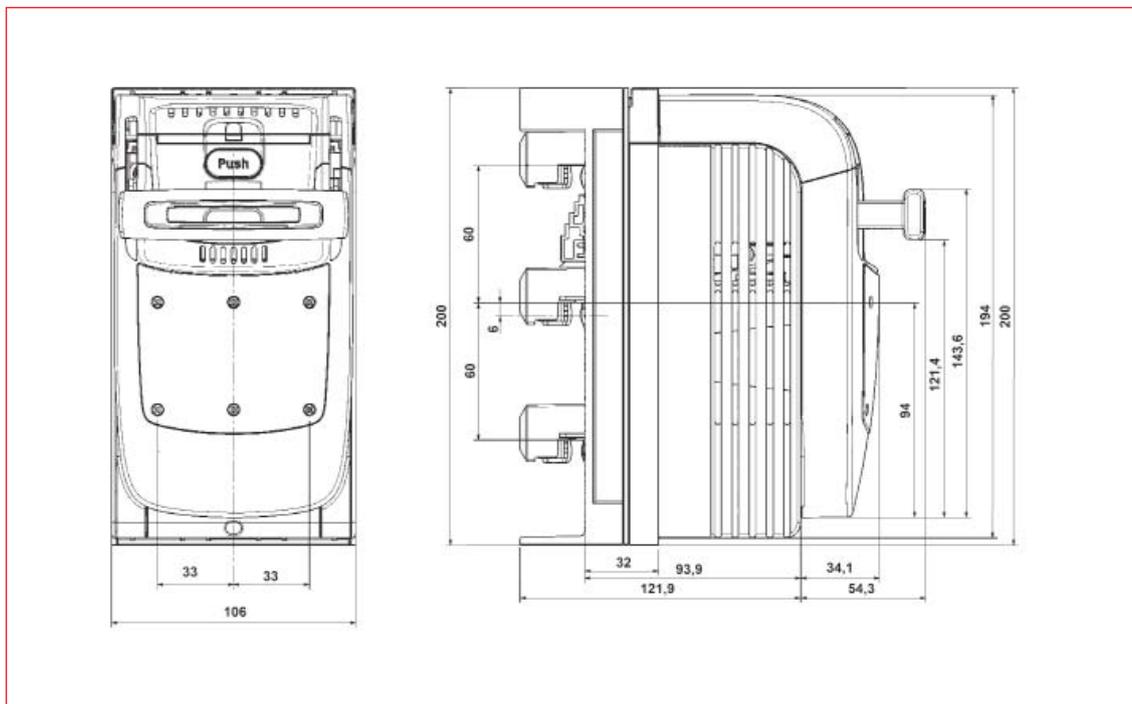


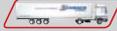
■ SI331980



■ NH (HRC) fuses-load-breaker, size 00 (160A), for 60mm system, series Wöhner

■ SI335000



DESCRIPTION	AVAILABLE	ORDER NO.
Size 00, box-terminal 70mm ² , connection top/bottom, 160A		SI331980
Size 00, screw-connection M8, 160A		SI333980
Size 00, box-terminal 70mm ² , connection top/bottom, 160A, short version		SI330750
Size 00, box-terminal 70mm ² , connection top/bottom, 160A, with electronic fuse monitoring		SI332060
Size 00, clamp-type connection for copper-conductors, 1,5-70mm ² , 12x10		SI037270
Cover for connecting space for SI331970, SI331980, SI331990, SI332000		SI798110
Size 00, Cross Link Switch, box-terminal 70mm ² , 125A		SI335000
Size 00, Cross Link Switch, box-terminal 70mm ² , 125A with fuse monitoring		SI335060
Size 00, box-terminal 70mm ² , 160A, with electronic fuse monitoring		SI333240
Size 00, Cross Link Switch for door coupling drive, box-terminal 70mm ² , 125A		SI335030



■ NH (HRC) fuses-load-breaker, size 1 (250A), for 60mm system, series Wöhner



SI336010-A

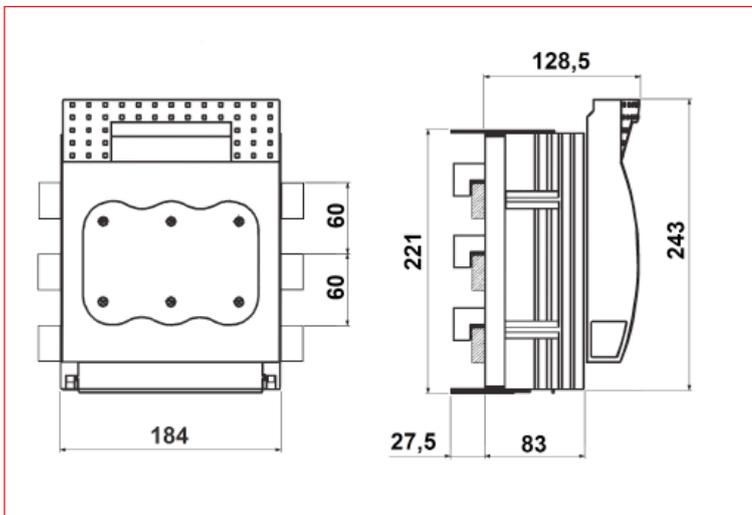
■ Schrack-Info

QUADRON®60Classic-NH-fuse-switch-disconnector size 1, 250 A

- Bus-mounting on 60mm busbar-system
- CrossLink® adapter technology
- Fast and safe conversion of the connection for top or bottom
- The parts under voltage remain shock protected
- Simple and safe clicking into place and making contact
- Safe connection through shock protection split into two
- Busbar supports for flat busbars can be mounted above each other
- Self-closing test holes are available in the cover.

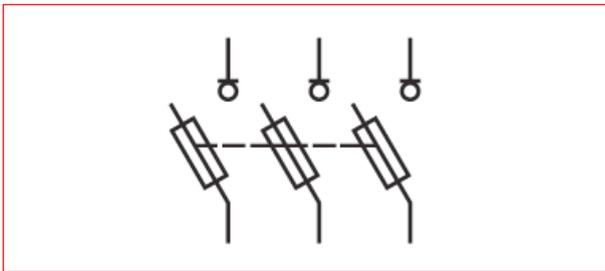
Rated current (IEC):	250 A
Poles:	3-pole
Contacts:	spring-loaded copper contacts, silver plated
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-22B (400 V) AC-23B (400 V / 160A) AC-21B (690 V) AC-20B (1000V) at pollution degree 2
Category of use DC:	DC specifications: 2 current paths (L1, L3) in series DC-20B (440V) DC-20B (1000V) at level of soiling 2
Power dissipation SI336010-A (screw-terminal)	26W
Power dissipation SI333930 (boxterminal):	14,1W
rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I_{pk} :	13.7 kA
Cond. rated short-circuit current with fuses:	80 kA / 690 V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I_{csw} :	8,1kA / 1s
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 1 up to 23W power dissipation	
Degree of protection:	IP30 at front, degree of protection near terminal depends on installation
Terminal points screw:	M10, galvanized, chromized
Terminal points box terminal:	Cu 70-185mm ² f Cu 35-150mm ² s(r) Cu 35-120mm ² f+AE Ia.Cu 15.5-24mm large terminal space 24.5 x 12mm min. terminal space height 3mm

■ SI336010-A Dimensioned drawing



NH (HRC) fuses-load-breaker, size 1 (250A), for 60mm system, series Wöhner

SI336010-A Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 1, screw-terminal M10, 250A		SI336010-A
NH fuse switch-discon. size 1, 250 A, panel mounting, connection box terminal		SI333930
Size 1, screw-connection M10, 250A, with electronic fuse monitoring		SI333250
Size 1, screw-terminal M10, 250A, with electromechanical fuse monitoring		SI331600
Size 1, wedge clamp terminal, single, for Cu and Al conductors 35-150mm ²		SI331660
Size 1, wedge clamp terminal, double, for Cu conductors 2 x 35-70mm ²		SI331450
Size 1, clamp connector for Cu conductors 70-150 mm ²		SI331630
Size 1, Cross Link Switch, screw-terminal M10, 250A, with electronic fuse monitoring		SI335160
Size 1, Cross Link Switch, screw-terminal M10, 250A		SI335100

NH (HRC) fuses-load-breaker, size 2 (400A), for 60mm system, series Wöhner



SI336020

Schrack-Info

QUADRON®60Classic-NH-fuse-switch-disconnector size 2, 400 A

- Bus-mounting on 60mm busbar-system
- Disconnectors are equipped with arc chambers.
- The shock protection is split into 2 for safe connection of the conductors.
- Self-closing inspection holes are available in the cover.

Rated current (IEC):	400 A
Poles:	3-pole
For busbars:	12, 15, 20, 25, 30 x 10
Contacts:	spring-loaded copper contacts, silver plated
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400V)
	AC-22B (690V)
	AC-21B (690V)
	AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (440 V)
	DC-21B (440 V)
	DC-20B (1000V) at level of soiling 2
Power dissipation:	45 W
Rated isolation voltage U _i (AC):	800 V
Rated surge voltage U _{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I _{pk} :	27.2 kA
Cond. rated short-circuit current with fuses:	50 kA / 690V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I _{cw} :	13,2kA / 1s
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 2 up to 34W power dissipation	
Degree of protection	IP30 at front, degree of protection near terminal depends on installation
Terminal points	screw M10, galvanized, chromized
	Md 30 - 35 Nm

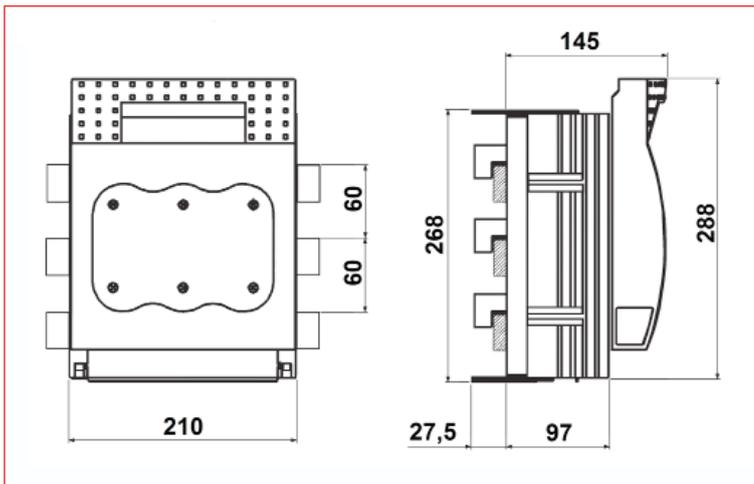


Order no. blue: on stock, usually ready for delivery on the day of order

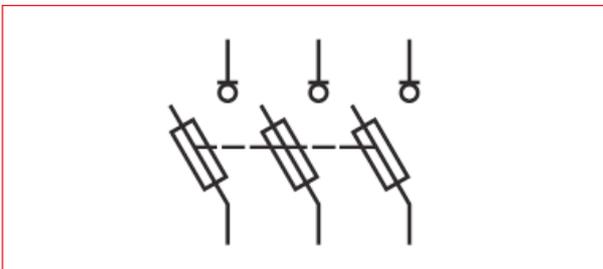
NH (HRC) fuses-accessories series Wöhner

■ NH (HRC) fuses-load-breaker, size 2 (400A), for 60mm system, series Wöhner

■ SI336020 Dimensions



■ SI336020 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 2, screw-terminal M10, 400A		SI336020
Size 2, screw-connection M10, 400A, with electronic fuse monitoring		SI333260
Size 2, screw-terminal M10, 400A, with electromechanical fuse monitoring		SI331610
Size 1, wedge clamp terminal, double, for Cu conductors 2 x 70-120mm ²		SI331460

■ NH (HRC) fuses-load-breaker, size 3 (630A), for 60mm system, series Wöhner



SI336030

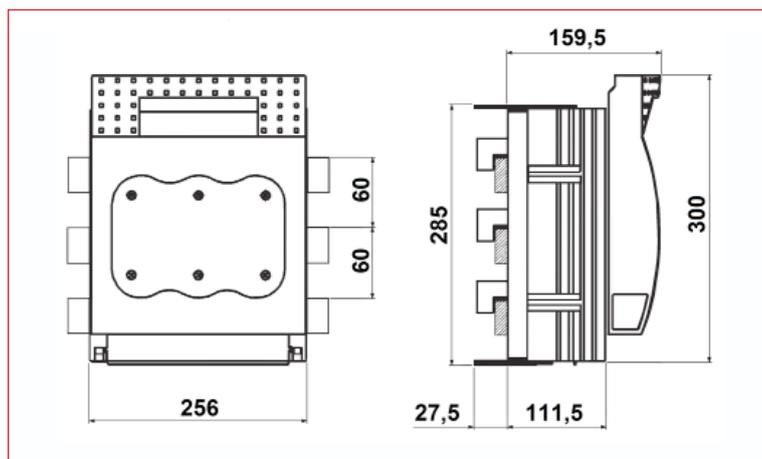
■ Schrack-Info

QUADRON®60Classic-NH-fuse-switch-disconnector size 3, 630 A

- Bus-mounting on 60mm busbar-system
- Disconnectors are equipped with arc chambers.
- The shock protection is split into 2 for safe connection of the conductors.
- Self-closing inspection holes are available in the cover.

Rated current (IEC):	630 A
Poles:	3-pole
For busbars:	12, 15, 20, 25, 30 x 10
Contacts:	spring-loaded copper contacts, silver plated
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Category of use AC:	AC-23B (400V)
	AC-22B (690V)
	AC-21B (690V)
	AC-20B (1000V) at level of soiling 2
Category of use DC:	DC specifications: 2 current paths (L1, L3) in series
	DC-22B (440 V)
	DC-21B (440 V)
	DC-20B (1000V) at level of soiling 2
Power dissipation:	60 W
Rated isolation voltage U _i (AC):	800 V
Rated surge voltage U _{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Rated peak withstand current I _{pk} :	35.2 kA
Cond. rated short-circuit current with fuses:	50 kA / 690V
Approved with fuse links of characteristics:	gG
Rated short-time withstand current I _{cw} :	15,1kA / 1s
Fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 3 up to 48W power dissipation	
Degree of protection	IP30 at front, degree of protection near terminal depends on installation
Terminal points	screw M12, galvanized, chromized
	Md 35 - 40 Nm

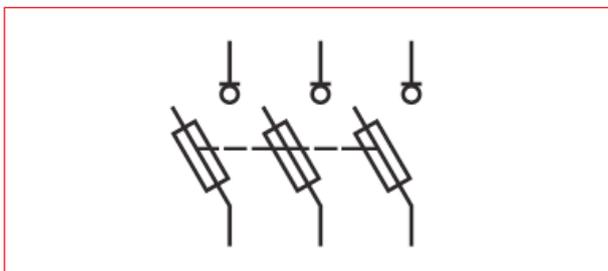
■ SI336030 Dimensions



NH (HRC) fuses-accessories series Wöhner

■ NH (HRC) fuses-load-breaker, size 3 (630A), for 60mm system, series Wöhner

■ SI336030 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 3, screw-terminal M12, 630A		SI336030
Size 3, screw-connection M12, 630A, with electronic fuse monitoring		SI333270
Size 3, screw-terminal M12, 630A, with electromechanical fuse monitoring		SI331620
Size 3, wedge clamp terminal, single, for Cu and Al conductors 150-300mm ²		SI331680

■ Accessories for NH fuses-load-breaker, size 3 (630A), for 60mm system, series Wöhner



SI331430

■ Schrack-Info

Accessories for QUADRON®60Classic-NH-fuse-switch-disconnector size 000 - 3

DESCRIPTION	AVAILABLE	ORDER NO.
Size 1, Cover for cable lugs for fuse switch-disconnector		SI331420
Size 2, Cover for cable lugs for fuse switch-disconnector		SI331430
Size 3, Cover for cable lugs for fuse switch-disconnector		SI331440

HRC-fuse-base, series Wöhner



SI037950

Schrack-Info
NH-bus-mounting fuse base for busbars

Size	2	3
Rated current (IEC):	400 A	630 A
Fuses	for fuse links IEC 60269-2 size 2 up to 45W power dissipation	for fuse links IEC 60269-2 size 3 up to 60W power dissipation
Rated voltage (IEC) AC:	690 V	690 V
Rated voltage (IEC) DC:	440 V	440 V
Power dissipation:	37.4 W	45.7 W
Rated isolation voltage U_i (AC):	800 V	800 V
Rated surge voltage U_{imp} :	6 kV	6 kV
Max. permitted voltage (IEC) AC:	800 V	800 V
Max. permitted voltage (IEC) DC:	800 V	800 V
Breaking capacity with fuses:	50 kA	50 kA

DESCRIPTION	AVAILABLE	ORDER NO.
Size 2, 1-pole, screw-terminal, 400A, without shock protection cover		SI037950
Size 3, 1-pole, screw-terminal, 630A, without shock protection cover		SI037900

HRC-fuse-base for 60mm system, series Wöhner



SI036560

Schrack-Info

- NH-bus-mounting fuse base
- Bus-mounting on 60mm busbar-system

Size	00
Rated current (IEC):	160 A
For fuse links IEC 60269-2 size 00 up to 12W power dissipation	
Rated voltage (IEC) AC:	690 V
Rated voltage (IEC) DC:	440 V
Rated isolation voltage U_i (AC):	800 V
Rated surge voltage U_{imp} :	6 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Breaking capacity with fuses:	50 kA

DESCRIPTION	AVAILABLE	ORDER NO.
Size 00, 70mm ² , 160A, screw M8, max. 70mm ² , 3-pole, connection top-side, personal contact-protection, 60mm-busbar-system		SI036560
Size 00, 160A, 3-pole, cleat, with personal-contact-protection		SI036540
Size 00, 160 A, 1-pole, screw, without personal-contact-protection		SI033700
Size 00, 160 A, 3-pole, for busbar-system		SI031990

■ NH (HRC) In-line-fuses, size 00 (160A), for 60mm system, series Wöhner



SI332340

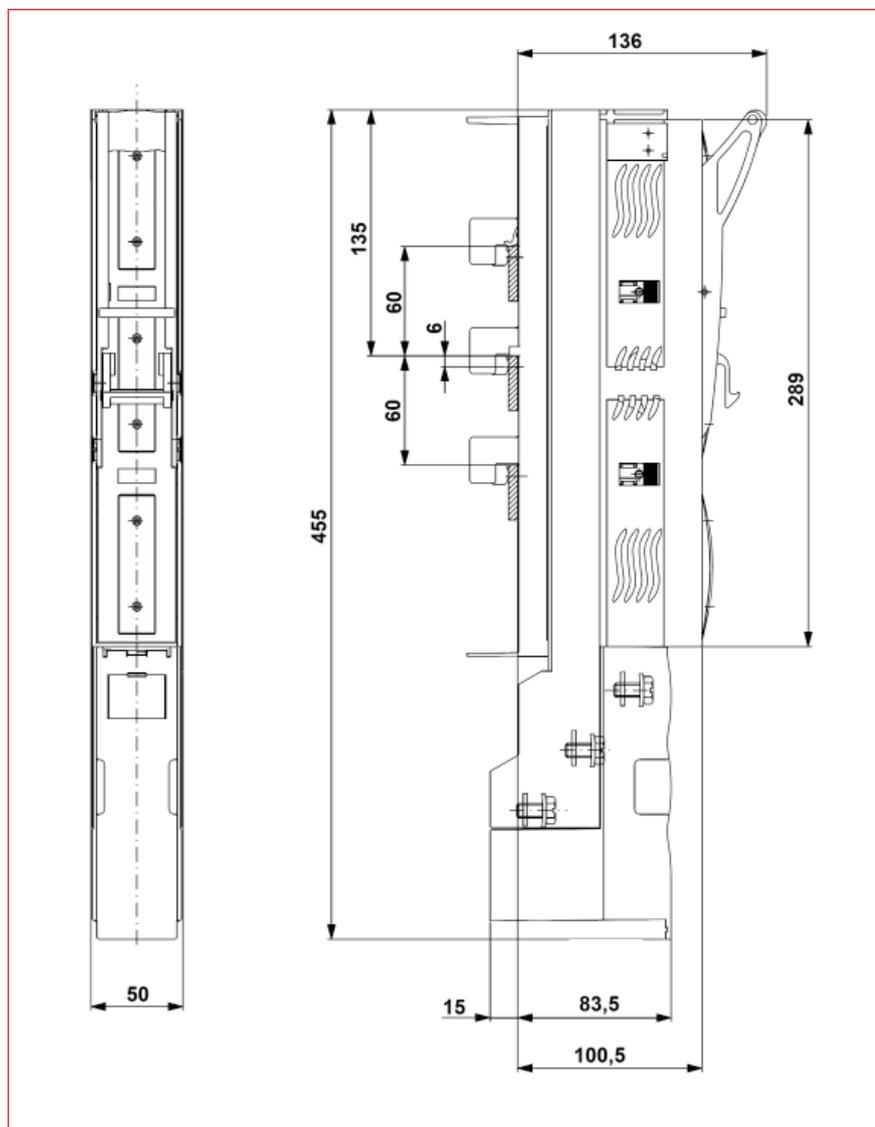
■ Schrack-Info

- SECUR®LeanStreamer in-line fuse switch-disconnector size 00, 160 A
- Bus-mounting on 60mm busbar-system
- Screw M8 / cleat 70mm²

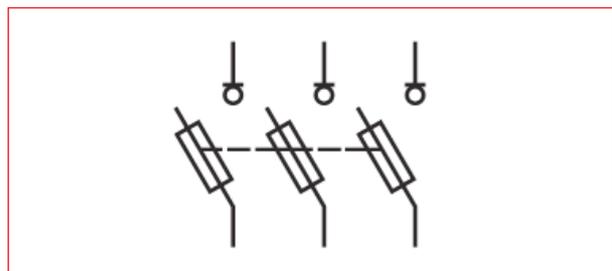
Rated current (IEC):	160 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-22B (690V)
	AC-23B (400V)
	AC-23B (500V/125A)
Power dissipation:	27 W
Rated surge voltage U _{imp} :	8 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation	
Degree of protection	IP30 at front, degree of protection near terminal depends on installation
Type of fastening:	for busbars 12, 15, 20, 25, 30x5/10
	patented click mechanism
	spring-loaded copper contacts, silver plated
Terminal points screw:	screw M8
	Md 12-14Nm
Terminal points clamp:	Cu 1,5-70mm ² f
	Cu 1,5-70mm ² m
	Cu 1,5-70mm ² f+AE
	Md 3Nm

■ NH (HRC) In-line-fuses, size 00 (160A), for 60mm system, series Wöhner

■ SI332340 Dimensioned drawing



■ SI332340 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 00, 3-pole in-line fuse switch, screw M8 or clamp-type terminal 70mm ² , 160A		SI332340
Size 00, 3-pole in-line fuse switch, screw M8 or clamp-type terminal 70mm ² , 160A, with electronic fuse monitoring		SI332850

■ NH (HRC) In-line-fuses, size 00 (160A), for 100/185mm system, series Wöhner



SI332350

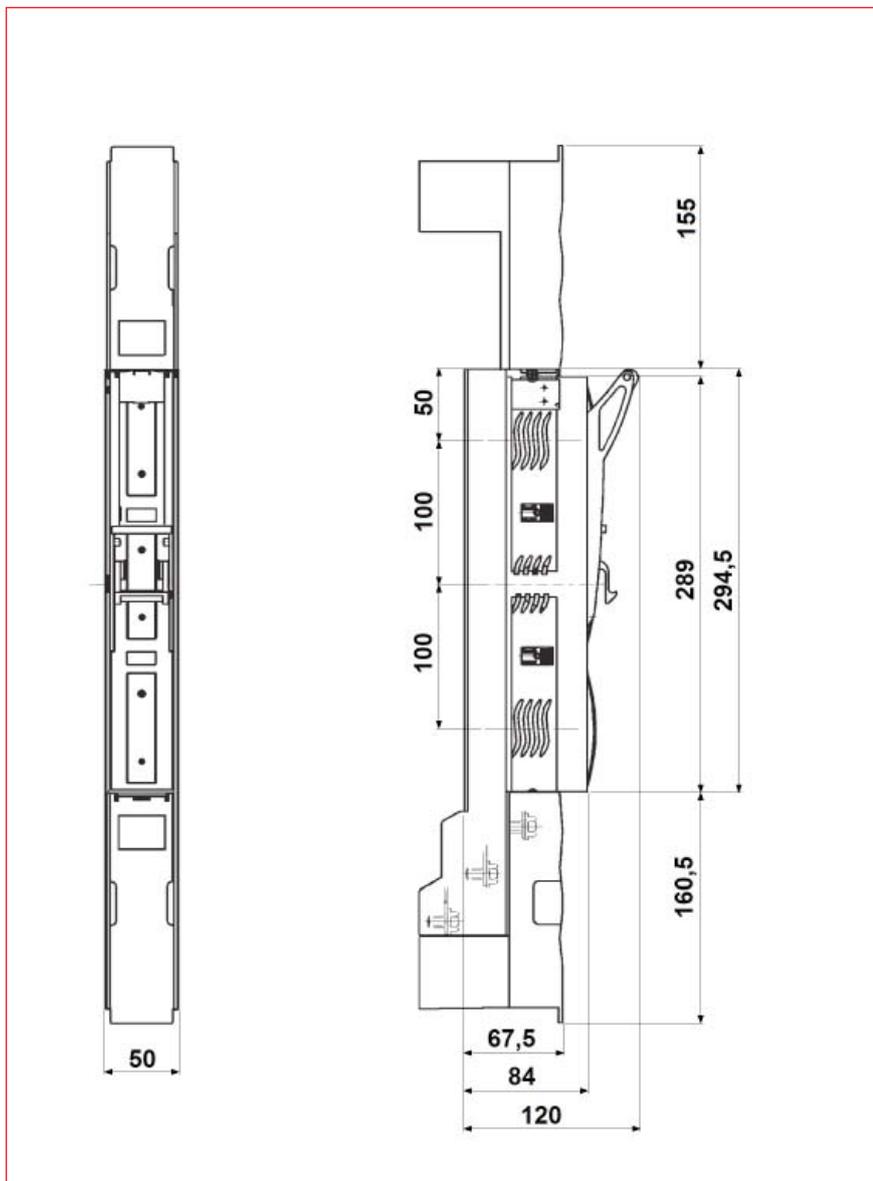
■ Schrack-Info

- SECUR®LeanStreamer in-line fuse switch-disconnector size 00, 160 A
- Bus-mounting on 100mm busbar-system
- Screw M8 / cleat 70mm²
- Self-closing inspection holes are available in the cover

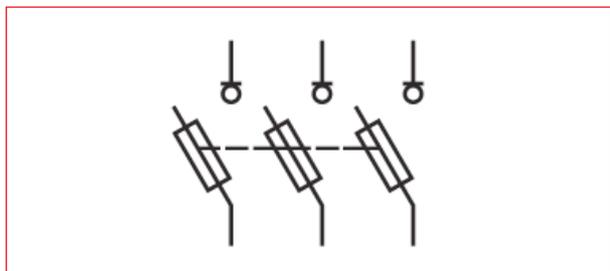
Rated current (IEC):	160 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-22B (690V)
	AC-23B (400V)
	AC-23B (500V/125A)
Category of use DC:	DC-details: 2 flow path (L1, L3) in row
	DC-20B (440V)
Power dissipation:	20 W
Rated surge voltage U _{imp} :	8 kV
Max. permitted voltage (IEC) AC:	800 V
Max. permitted voltage (IEC) DC:	800 V
Cond. rated short-circuit current with fuses:	50 kA / 690 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation	
Degree of protection:	IP30 at front, degree of protection near terminal depends on installation
Type of fastening:	can be screwed onto drilled busbar,
	M8, 12 - 14Nm torque, or using additional terminal clamp
Terminal points screw:	M8
	Md 12 - 14 Nm
Terminal points clamp:	Cu 1.5-70mm ² rm
	Cu 1.5-70mm ² f
	Cu 1.5-70mm ² f+Ae
	la.Cu 12 x (1-10)mm

■ NH (HRC) In-line-fuses, size 00 (160A), for 100/185mm system, series Wöhner

■ SI332350 Dimensioned drawing



■ SI332350 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
100mm system, size 00, 3-pole in-line fuse switch, screw M8 or clamp-type terminal 70mm ² , 160A		SI332350
185mm, single adapter for SI332350 and SI332860		SI332360

■ NH (HRC) In-line-fuses, size 00 (160A), for 185mm system, series Wöhner



SI337000

■ Schrack-Info

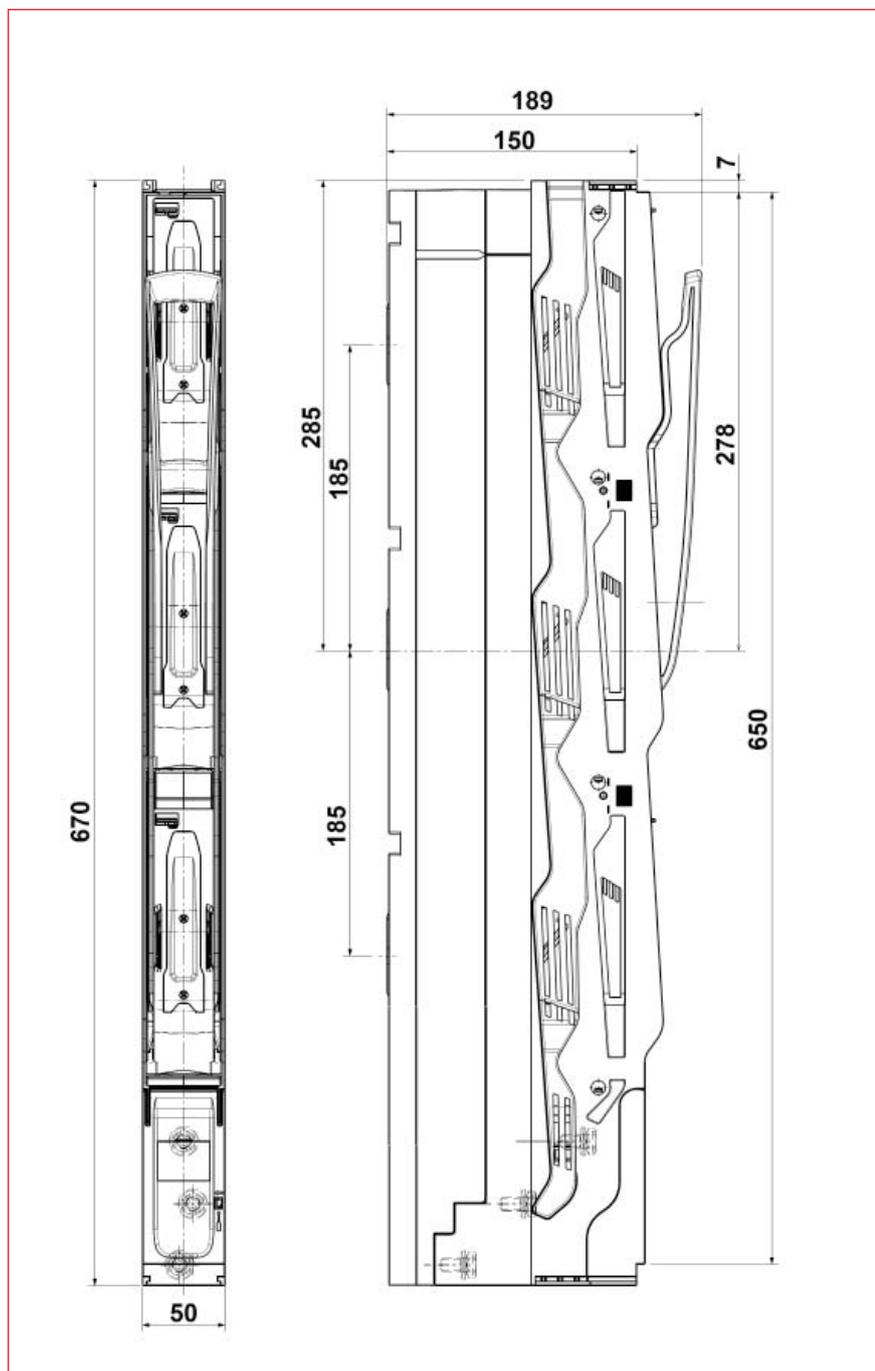
- QUADRON®185Power in-line fuse switch-disconnector size 00, 160 A
- Highversion in the same high like size 1-3
- Screw M8

Easily fits any combination of the QUADRON®185Power NH in-line fuse switch disconnectors of Sizes 00 to 3 to the 185Power system. Based on application specific requirements, the NH in-line fuse switch disconnectors can be conveniently, quickly and securely mounted with mechanical clamps without drilling or bolted directly to a drilled busbar

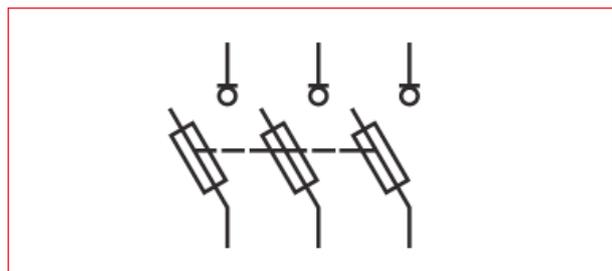
Rated current (IEC):	160 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-23B 160A/400V
Power dissipation:	28 W
Rated surge voltage U_{inc} :	8 kV
Max. permitted voltage (IEC) AC:	1000 V
Cond. rated short-circuit current with fuses:	100 kA / 500 V
	100 kA / 690 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 00 up to 12W power dissipation	
Degree of protection:	IP20 at front
Type of fastening:	can be screwed onto drilled busbar,
	M8, 12 - 14Nm torque, or using additional terminal clamp
Terminal points screw:	M8, galvanized, chromized
	Md 12 - 14 Nm

■ NH (HRC) In-line-fuses, size 00 (160A), for 185mm system, series Wöhner

■ SI337000 Dimensions



■ SI337000



DESCRIPTION	AVAILABLE	ORDER NO.
Size 00, 3-pole in-line switching direct to 185mm, M8, 160A		SI337000
Size 00, 3-pole in-line switching direct to 185mm, M8, 250A, with electronic fuse monitoring		SI337200

■ NH (HRC) In-line-fuses, size 1 (250A), for 185mm system, series Wöhner



SI337010

■ Schrack-Info

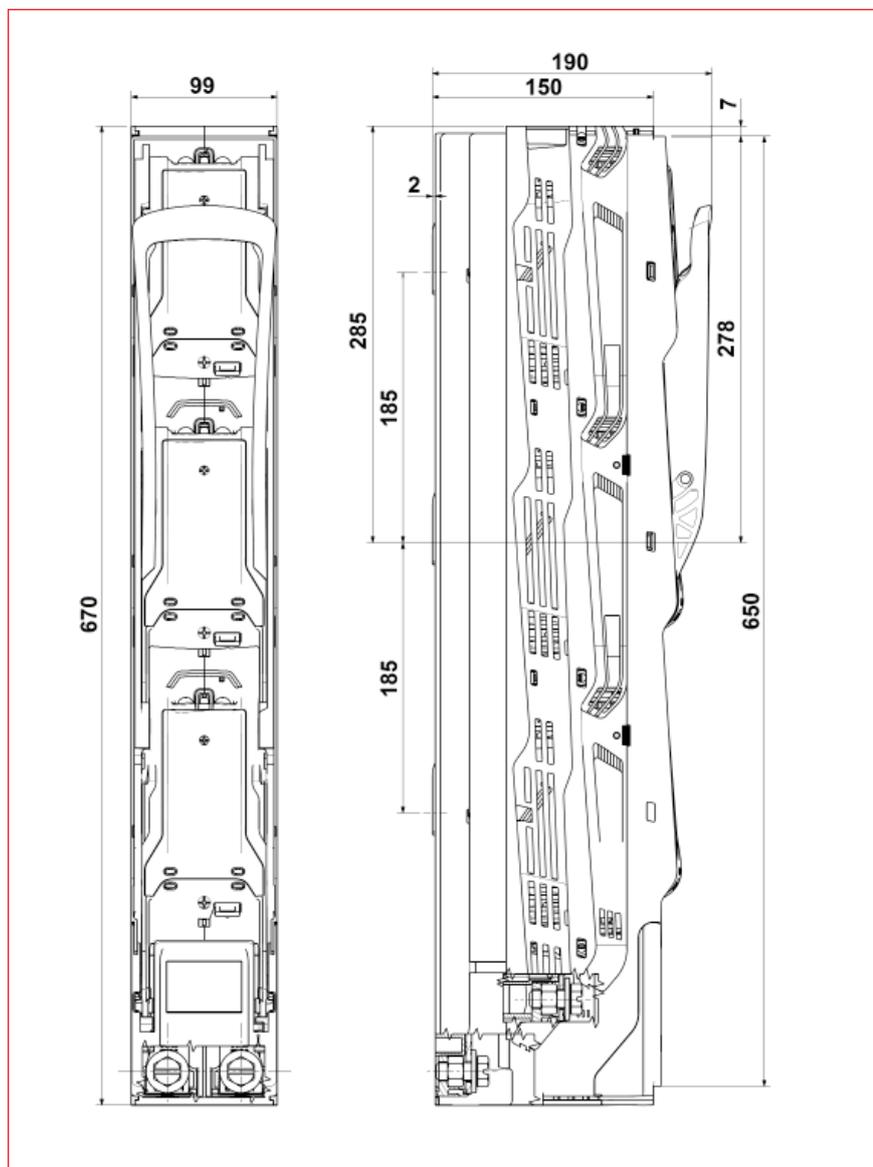
- QUADRON®185Power NH-In-line fuse switch-disconnector size 1, 250 A
- Bus-mounting on 185mm busbar-system
- Screw M12
- Self-closing inspection holes are available in the cover
- Hinged windows for time-saving mounting and no need to dismantle the NH in-line fuse switch disconnectors
- Easily accessible cable terminal compartment
- Lid can be locked in the open and closed positions
- Easy switching thanks to ergonomic operating handle
- Considerable scope for cable connecting
- Outgoing feeder top/bottom can be connections.
- Cover can be locked when closed.
- Optional current transformers mountable into In-line fuse switch-disconnector

The lateral ducts of the QUADRON®185Power NH in-line fuse switch disconnectors produce a kind of draw-off chimney which acts as a cooling and ventilation system and pinpoints the discharge of switching gases and heat.

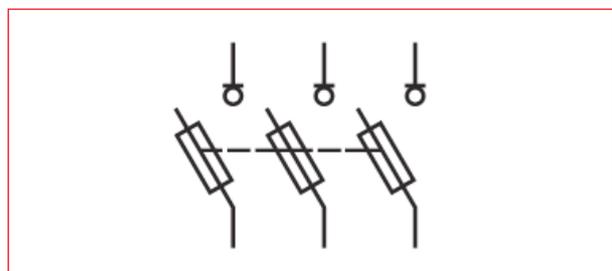
Rated current (IEC):	250 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-23B 250A/400V
	AC-22B 250A/500V
	AC-22B 250A/690V
	AC-21B 250A/690V
Power dissipation:	24 W
Rated surge voltage U_{imp} :	8 kV
Max. permitted voltage (IEC) AC:	1000 V
Cond. rated short-circuit current with fuses:	80 kA / 690 V
	80 kA / 500 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 1 up to 23W power dissipation	
Degree of protection:	Degree of protection IP20 at front, degree of protection near terminal depends on installation
Type of fastening:	
Can be screwed onto drilled busbar, diameter 13mm, undrilled drilling with optional terminal clamp	
Connection:	screw connection M12
Terminal points screw:	screw M12, galvanized, chromized
	Md 30 Nm
Optional terminal clamp SI337350:	Cu/Al
	1x 70-240mm ² sm/se
	1x 50-185mm ² rm
	Connection not maintenance-free if aluminium conductors are used

■ NH (HRC) In-line-fuses, size 1 (250A), for 185mm system, series Wöhner

■ SI337010 Dimensions



■ SI337010 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 1, 3-pole in-line switching, screw-terminal M12, 250A		SI337010
Size 1, 3-pole in-line switching, screw-terminal M12, 250A, with electronic fuse monitoring		SI337210
Boxterminal for size 1-2 fo Cu and Al 70-240mm ²		SI337350
Terminal clamp f. NH in-line fuse switch disc.1-3 for undrilled mounting 185Power		SI337400
Double-Direct-Connection terminal Cu and Al for size 1/2/3, sm 2 x 35-150mm ² , se 2 x 50-185mm ²		SI332700

■ NH (HRC) In-line-fuses, size 2 (400A), for 185mm system, series Wöhner



SI337030

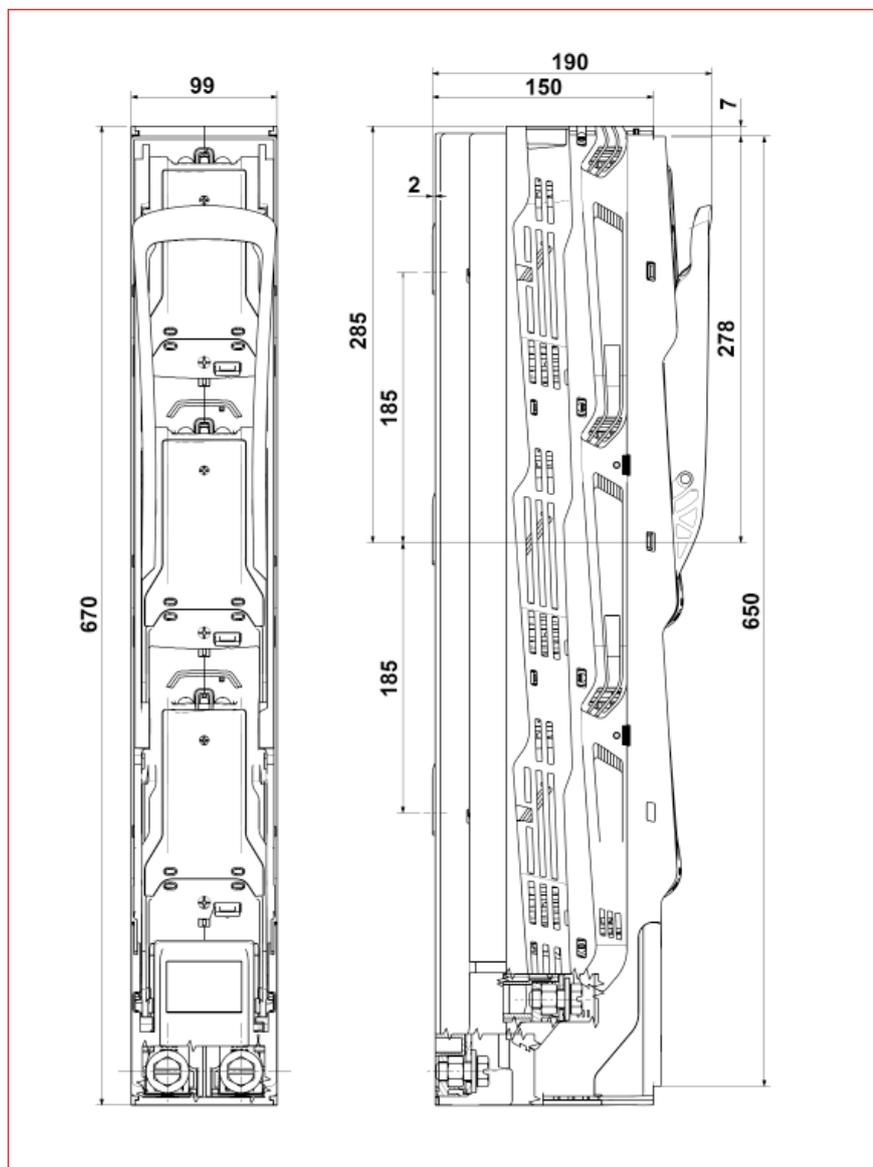
■ Schrack-Info

- QUADRON®185Power NH-In-line fuse switch-disconnector size 2, 400 A
- Bus-mounting on 185mm busbar-system
- Screw M12
- Self-closing inspection holes are available in the cover
- Hinged windows for time-saving mounting and no need to dismantle the NH in-line fuse switch disconnectors
- Easily accessible cable terminal compartment
- Lid can be locked in the open and closed positions
- Easy switching thanks to ergonomic operating handle
- Considerable scope for cable connecting
- Outgoing feeder top/bottom can be connections.
- Cover can be locked when closed.
- Optional current transformers mountable into In-line fuse switch-disconnector

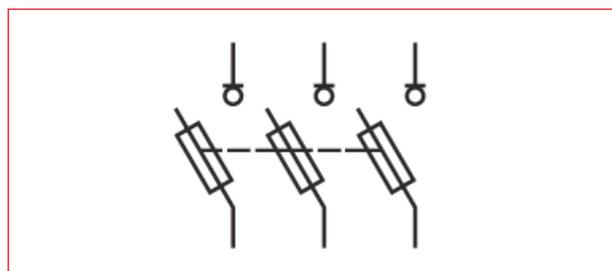
Rated current (IEC):	400 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-23B 400A/400V
	AC-22B 400A/500V
	AC-22B 400A/690V
	AC-21B 400A/690V
Power dissipation:	60 W
Rated surge voltage U_{imp} :	8 kV
Max. permitted voltage (IEC) AC:	1000 V
Cond. rated short-circuit current with fuses:	80 kA / 500 V
	80 kA / 690 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 2 up to 34W power dissipation	
Degree of protection:	Degree of protection IP20 at front, degree of protection near terminal depends on installation
Type of fastening:	
Can be screwed onto drilled busbar, diameter 13mm, undrilled drilling with optional terminal clamp	
Connection:	screw connection M12
Terminal points screw:	screw M12, galvanized, chromized
	Md 30 Nm
Optional terminal clamp SI337350:	Cu/Al
	1 x 70-240mm ² sm/se
	1 x 50-185mm ² rm
Connection not maintenance-free if aluminium conductors are used	

■ NH (HRC) In-line-fuses, size 2 (400A), for 185mm system, series Wöhner

■ SI337020 Dimensions



■ SI337020 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 2, 3-pole in-line switching, screw-terminal M12, 400A		SI337020
Size 2, 3-pole in-line switching, screw-terminal M12, 400A, with electronic fuse monitoring		SI337220
Boxterminal for size 1-2 fo Cu and Al 70-240mm ²		SI337350
Terminal clamp f. NH in-line fuse switch disc.1-3 for undrilled mounting 185Power		SI337400
Double-Direct-Connection terminal Cu and Al for size 1/2/3, sm 2 x 35-150mm ² , se 2 x 50-185mm ²		SI332700
Wedge clamp terminal for size 00		SI337340

■ NH (HRC) In-line-fuses, size 3 (630A), for 185mm system, series Wöhner



SI337030

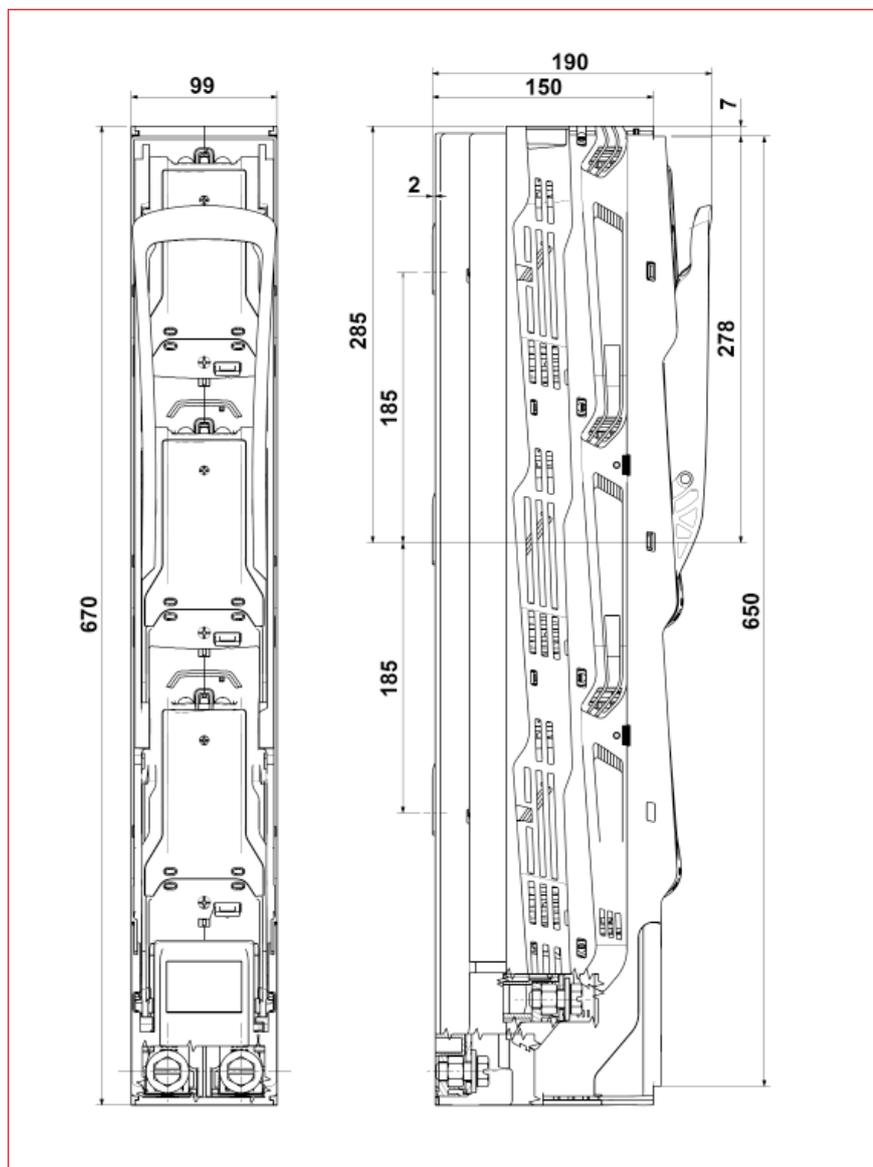
■ Schrack-Info

- QUADRON®185Power NH-In-line fuse switch-disconnector size 3, 630 A
- Bus-mounting on 185mm busbar-system
- Screw M12
- Self-closing inspection holes are available in the cover
- Hinged windows for time-saving mounting and no need to dismantle the NH in-line fuse switch disconnectors
- Easily accessible cable terminal compartment
- Lid can be locked in the open and closed positions
- Easy switching thanks to ergonomic operating handle
- Considerable scope for cable connecting
- Outgoing feeder top/bottom can be connections.
- Cover can be locked when closed.
- Optional current transformers mountable into In-line fuse switch-disconnector

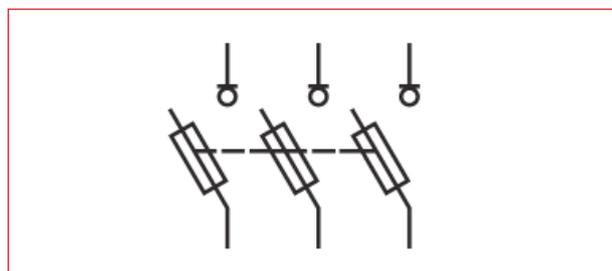
Rated current (IEC):	630 A
Rated voltage (IEC) AC:	690 V
Category of use AC:	AC-23B 630A/400V
	AC-22B 630A/500V
	AC-22B 400A/690V
	AC-21B 400A/690V
Power dissipation:	118 W
Rated surge voltage U_{imp} :	8 kV
Max. permitted voltage (IEC) AC:	1000 V
Cond. rated short-circuit current with fuses:	80 kA / 690 V
	100 kA / 500 V
Approved with fuse links of characteristics:	gG
For fuse links IEC 60269-2-1 (I) / DIN VDE 0636-201 size 3 up to 48W power dissipation	
Degree of protection:	Degree of protection IP20 at front, degree of protection near terminal depends on installation
Type of fastening:	
Can be screwed onto drilled busbar, diameter 13mm, undrilled drilling with optional terminal clamp	
Connection:	screw connection M12
Terminal points screw:	screw M12, galvanized, chromized
	Md 30 Nm
Optional terminal clamp SI337360:	Cu/Al
	1x185mm ² -240mm ² sm
	1x150mm ² -300mm ² se
	1x120mm ² -300mm ² rm
Connection not maintenance-free if aluminium conductors are used	

■ NH (HRC) In-line-fuses, size 3 (630A), for 185mm system, series Wöhner

■ SI337030 Dimensions



■ SI337030 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Size 3, 3-pole in-line switching, screw-terminal M12, 630A		SI337030
Size 3, 3-pole in-line switching, screw-terminal M12, 630A, with electronic fuse monitoring		SI337230
Boxterminal for conductors size 3, Cu and Al 120-300mm ²		SI337360
Terminal clamp f. NH in-line fuse switch disc.1-3 for undrilled mounting 185Power		SI337400
Double-Direct-Connection terminal Cu and Al for size 1/2/3, sm 2 x 35-150mm ² , se 2 x 50-185mm ²		SI332700

Current transformer for NH (HRC) In-line-fuses, series Wöhner



SI337480

Schrack-Info

- Current transformer for QUADRON®185Power NH-In-line fuse switch-disconnector
- Easy mountable into In-line fuse switch-disconnector
- Accuracy class 1

Type	SI337410	SI337420	SI337440	SI337450	SI337460	SI337470	SI337480
For in-line-fuse disconnector size:	00	00	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3	1, 2, 3
Rated current (IEC):	80A	150A	150 A	200 A	250 A	400 A	600 A
Rated apparent power:	5 VA	5 VA	1.5 VA	1.5 VA	1.6 VA	2.5 VA	2.5 VA
Primary rated current strength:	80A	150A	150 A	200 A	250 A	400 A	600 A
Secondary rated current strength:	5 A	5 A	5 A	5 A	5 A	5 A	5 A
Accuracy class:	1	1	1	1	1	1	1
Maximum operating voltage Um:	0.72 kV						
Frequency:	50-60 Hz						
Overcurrent limiting factor:	FS5						
Thermal nominal short-time current I _{th} :	60 x I _n						
Insulation class:	E						
Contacts:	Faston 6,3x 0,8mm (DIN46244-A)						

DESCRIPTION	AVAILABLE	ORDER NO.
150A / 5A		SI331260
400A / 5A		SI331740
600A / 5A		SI331800
Mounting clip current transformer for adaptor for size 00		SI333000
80/5, 5VA, for SI337000		SI337410
150/5, 1,5VA, for SI337010, SI337020, SI337030		SI337440
200/5, 1,5VA, for SI337010, SI337020, SI337030		SI337450
250/5, 2,5VA, for SI337010, SI337020, SI337030		SI337460
400/5, 2,5VA, for SI337010, SI337020, SI337030		SI337470
600/5, 2,5VA, for SI337010, SI337020, SI337030		SI337480
150/5, 1,5VA, for SI337010, SI337020, SI337030		SI337420

Accessories for NH (HRC) In-line-fuses, series Wöhner



SI331560



SI337360

Schrack-Info

- Accessoires for NH-In-line fuse switch-disconnector size 00 up to size 3, series Wöhner

DESCRIPTION	AVAILABLE	ORDER NO.
Terminal clamp f. NH in-line fuse switch disc.1-3 for undrilled mounting 185Power		SI337400
Boxterminal for size 1-2 fo Cu and Al 70-240mm ²		SI337350
Boxterminal for conductors size 3, Cu and Al 120-300mm ²		SI337360

Load-breaker, series Wöhner



SI333450

Schrack-Info

- CAPUS®Panel - switch disconnectors
- System: mounting plate

DESCRIPTION	AVAILABLE	ORDER NO.
Door coupling twist handle, red-yellow, IP 66		SI339110
Extension shaft, 490mm long for SI339130		SI339130
Door coupling rotary drive, LTS250/400/630,LTS-F160/250/400		SI333480
Door coupling rotary drive, grey blind cover for LTS 250-630		SI333420
Door coupling rotary drive, with shackle lock for LTS		SI333450
Pilot switch for monitoring the switch position for LTS		SI333470
Extension shaft, 300mm for LTS 250/400/630,LTS F 160/250/400		SI332460
Extension shaft, 550mm long for LTS		SI333800
Connection space cover, LTS 400/630, LTS-F 250/400		SI333510
Connection space cover, LTS 800, LTS-F 630		SI333520

Accessories for series Wöhner



SI038490

Schrack-Info

- Accessoires for fuse breaker and in-line-fuse-breaker series Wöhner

DESCRIPTION	AVAILABLE	ORDER NO.
Lid interlock for fuse switch-disconnector size 00		SI038490
Lid interlock for fuse switch-disconnector size 1-3		SI331570
Tunnel terminal 2 x 1,5 - 25mm ² and 1 x 1,5 - 16mm ²		SI011820
Prism terminal, double 2x 150 mm ²		SI331470
Clamp-type connection 150-300 mm ²		SI331650
Single trim frame 130 x 210		SI332190
Grip lug cover size for HRC-base, busbar mounted		SI794480
Grip lug cover size for HRC-base, busbar mounted		SI794490
Feed-through terminal 250 a screw M10		SI031950
Size 000 - 3, Pilot switch for lid position 1N/1NC, 250V-AC/5A, 30V-DC/4A		SI331560
Neutral conductor 63A, discon. socket term. screw-on/snap-on		SI051880



Order no. blue: on stock, usually ready for delivery on the day of order