

## Fuse loadbreaker-disconnector 10 x 38 mm



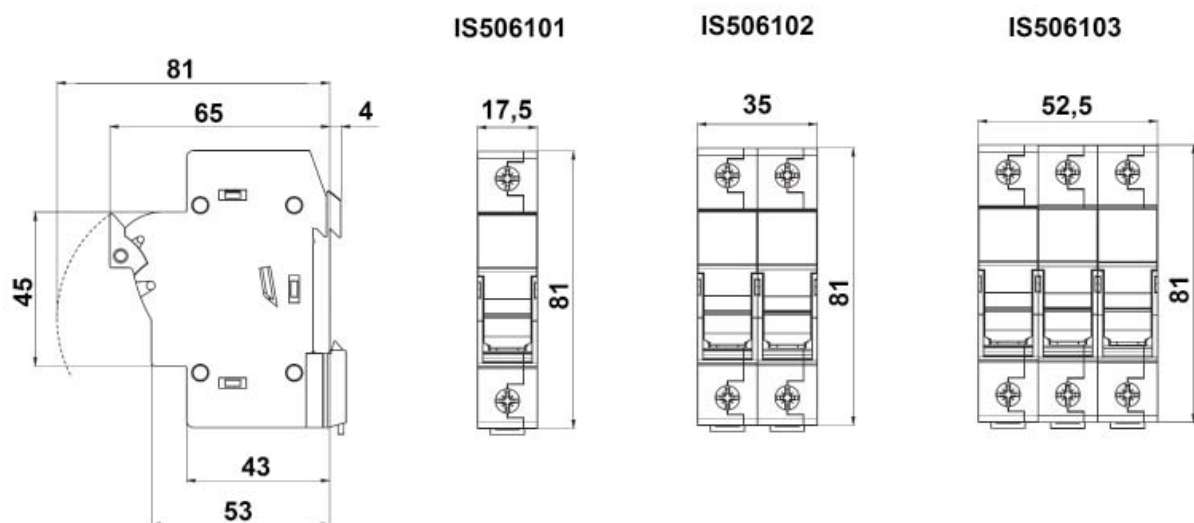
IS506103

### Schrack-Info

- All contact surfaces are silver plated
- Changing of a fuse-link without danger of direct touch of parts under voltage
- More space for finger to open fuse carrier
- Complete protection against touch according to IP20
- Possibility of sealing in ON or OFF positions

Fuse type:	10 x 38
Number of poles:	1-pole, 2-pole, 3-pole, 1+N, 3+N
Rated operational current $I_n$ :	32A
Rated operational voltage $U_n$ :	690 V-AC
Standards:	fuse disconnectors: IEC 60947-1 fuse holder: IEC 60947-3 fuse links: IEC/EN 60269-2
Maximum rated current of fuselinks:	400 V-AC: 32A gG 500 V-AC: 25A gG, 16A aM 690 V-AC: 10A gG
Rated frequency:	50 Hz
Rated conditional short-circuit-current:	100 kA/ 400V
Rated insulation voltage $U_i$ :	690 V
Rated imp. withstand voltage $U_{imp}$ :	8 kV
Overvoltage category (according to Table H.1 in IEC 60947-1 and according to IEC 60099-1):	III
Max power dissipation of the fuse-link (W):	gG: 3 W aM: 1,2 W
LED Indicator operating range:	50-690 V-AC
Utilisation category:	AC-22B
Operational performance (cycles with current):	300
Operational performance (cycles without current):	1700
Operating ambient temperature:	-5°C up to +40°C
Store ambient temperature:	-25°C up to +55°C
Degree of protection (IEC 60529):	IP20
Terminal capacity:	1-25 mm <sup>2</sup> rigid or flexible
Torque:	2 Nm

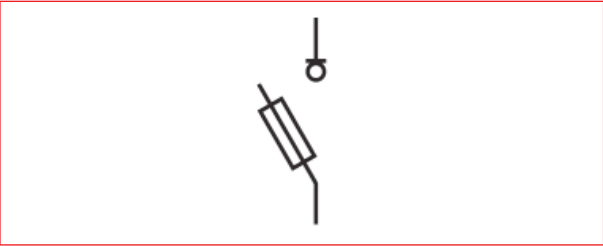
### IS506101, IS506102, IS506103 Dimensions



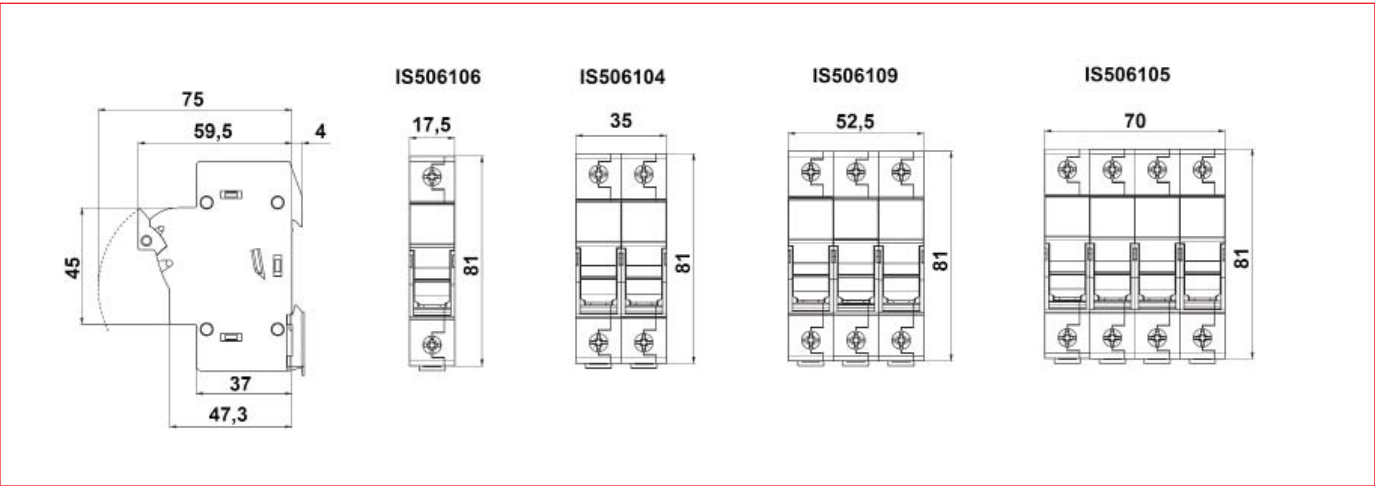
# Cylindrical fuses, series SCHRACK

Fuse loadbreaker-disconnector 10 x 38 mm

IS506101 Wiring diagram



IS506104, IS506105, IS506106, IS506109 Dimensions



DESCRIPTION	AVAILABLE	ORDER NO.
1 pole, 10 x 38, 32A gG		IS506101
1 pole + N, 10 x 38, 32A gG		IS506104
2 pole, 10 x 38, 32A gG		IS506102
3 pole, 10 x 38, 32A gG		IS506103
3 pole + N, 10 x 38, 32A gG		IS506105
1 pole, 10 x 38, 32A gG, with LED		IS506106
3 pole, 10 x 38, 32A gG, with LED		IS506109

## Fuse carrier 10 x 38 mm for photovoltaic



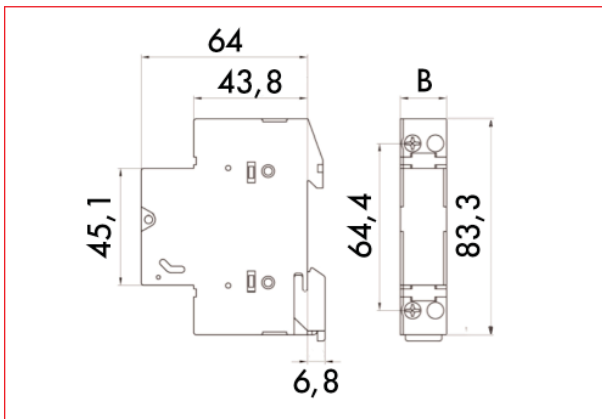
IS506122



### Schrack-Info

- For the protection of PV modules
- DC rated voltage is 1.2 x the open-circuit voltage of the photovoltaic path
- The rated current of the fuse should be greater than/equal 1.5x the short-circuit current of the photovoltaic module

No. of poles:	1, 2
Rated current $I_n$ :	20 A
Rated operating voltage $U_n$ :	1000 V-DC
Breaking capacity:	20B
Own consumption:	3 W
Fuse size:	10 x 38
Fuse standard:	IEC 60269, UL284-4
Disconnecter standard:	IEC 60947-1 Ed. 4.0 EN 60947-1:1999+A1+A2 IEC 60947-3 Ed. 2.1 EN 60947-3:1999+A1:2001
Terminal cross-section:	0,5 mm <sup>2</sup> – 10 mm <sup>2</sup> , AWG 8-20 solid

### Dimensions



DESCRIPTION	AVAILABLE	ORDER NO.
PV 1pole, 10 x 38		<b>IS506121</b>
PV 2pole, 10 x 38		<b>IS506122</b>



Fuse loadbreaker-disconnector 14 x 51 mm



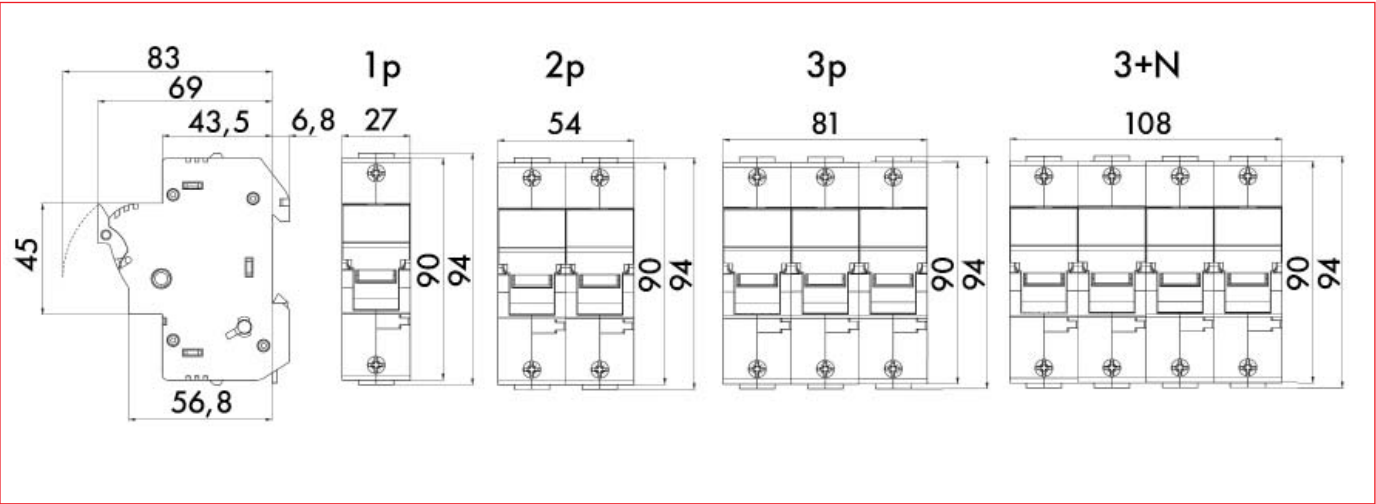
IS506143

Schrack-Info

- All contact surfaces are silver plated
- Changing of a fuse-link without danger of direct touch of parts under voltage
- More space for finger to open fuse carrier
- Complete protection against touch according to IP20
- Possibility of sealing in ON or OFF positions

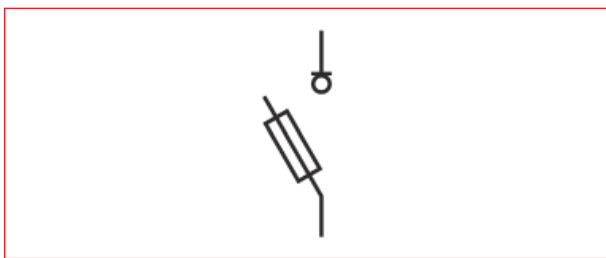
Fuse type:	14 x 51
Number of poles:	1-pole, 2-pole, 3-pole, 3+N
Rated operational current I <sub>n</sub> :	50A
Rated operational voltage U <sub>e</sub> :	690 V-AC
Standards:	fuse disconnectors: IEC 60947-1 fuse holder: IEC 60947-3 fuse links: IEC/EN 60269-2
Maximum rated current of fuselinks:	400 V-AC: 50A gG, 50A aM 500 V-AC: 50A gG 690 V-AC: 25A gG, 25A aM
Rated frequency:	50 Hz
Rated conditional short-circuit-current:	gG: 120 kA/ 500V (50A gG) aM: 50 kA/ 400V (50A aM)
Rated insulation voltage U <sub>i</sub> :	690 V
Rated imp. withstand voltage U <sub>imp</sub> :	8 kV
Overvoltage category (according to Table H.1 in IEC 60947-1 and according to IEC 60099-1):	III
Max power dissipation of the fuse-link (W):	gG: 5 W aM: 3 W
LED Indicator operating range:	50-690 V-AC
Utilisation category:	AC-22B at 690 V/ 50 A
Operational performance (cycles with current):	300
Operational performance (cycles without current):	1700
Operating ambient temperature:	-5°C up to +40°C
Store ambient temperature:	-25°C up to +55°C
Degree of protection (IEC 60529):	IP20
Terminal capacity:	1-35 mm <sup>2</sup> rigid or flexible
Torque:	2,5-3 Nm





14 x 51 Dimensions



■ Fuse loadbreaker-disconnector 14 x 51 mm

■ IS506141 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
1 pole, 14 x 51, 50A gG		<b>IS506141</b>
2 pole, 14 x 51, 50A gG		<b>IS506142</b>
3 pole, 14 x 51, 50A gG		<b>IS506143</b>
3 pole+N, 14 x 51, 50A gG		<b>IS506145</b>
3 pole, 14 x 51, 50A gG, with LED		IS506149



## ■ Fuse loadbreaker-disconnector 22 x 58 mm



IS506223

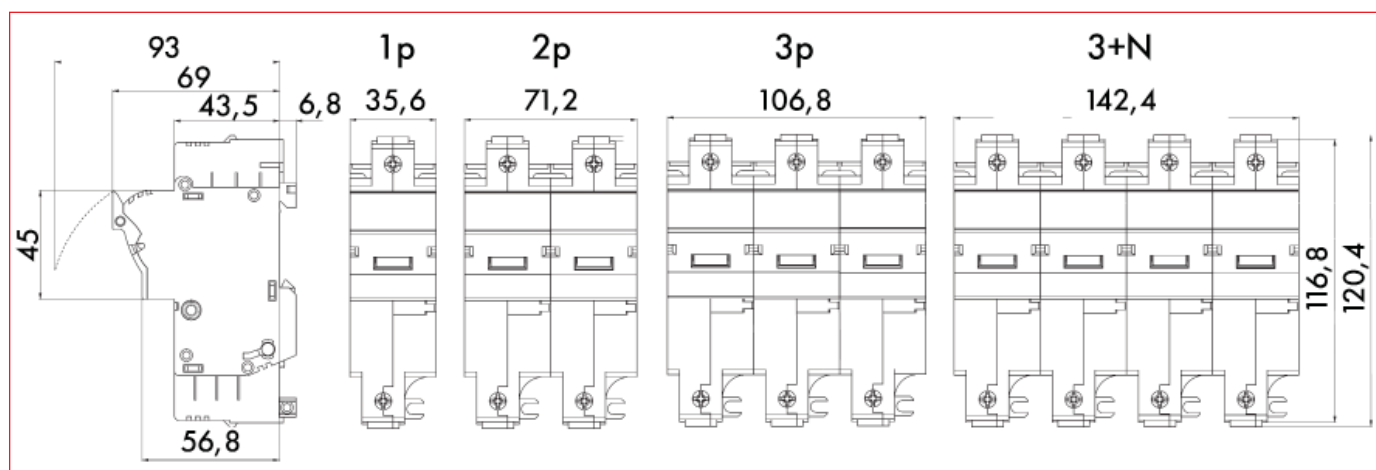
### ■ Schrack-Info

- All contact surfaces are silver plated
- Changing of a fuse-link without danger of direct touch of parts under voltage
- More space for finger to open fuse carrier
- Complete protection against touch according to IP20
- Possibility of sealing in ON or OFF positions

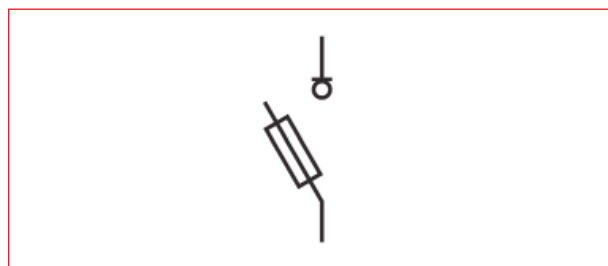
Fuse type:	22 x 58
Number of poles:	1-pole, 2-pole, 3-pole, 3+N
Rated operational current $I_n$ :	100A
Rated operational voltage $U_n$ :	690 V-AC
Standards:	fuse disconnectors: IEC 60947-1 fuse holder: IEC 60947-3 fuse links: IEC/EN 60269-2
Maximum rated current of fuselinks:	400 V-AC: 100A gG, 100A aM 500 V-AC: 100A gG 690 V-AC: 50A gG, 50A aM
Rated frequency:	50 Hz
Rated conditional short-circuit-current:	gG: 120 kA/ 500V (100A gG) aM: 50 kA/ 400V (100A aM)
Rated insulation voltage $U_i$ :	690 V
Rated imp. withstand voltage $U_{imp}$ :	8 kV
Overvoltage category (according to Table H.1 in IEC 60947-1 and according to IEC 60099-1):	III
Max power dissipation of the fuse-link (W):	gG: 9,5 W aM: 7 W
LED Indicator operating range:	50-690 V-AC
Utilisation category:	AC-21 B at 690 V/ 100 A
Operational performance (cycles with current):	300
Operational performance (cycles without current):	1700
Operating ambient temperature:	-5°C up to +40°C
Store ambient temperature:	-25°C up to +55°C
Degree of protection (IEC 60529):	IP20
Terminal capacity:	4-50 mm <sup>2</sup> rigid or flexible
Torque:	3 Nm




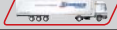
■ Fuse loadbreaker-disconnector 22 x 58 mm

■ 14 x 51 Dimensions



■ IS506221 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
1 pole, 22 x 58, 100A gG		<b>IS506221</b>
2 pole, 22 x 58, 100A gG		<b>IS506222</b>
3 pole, 22 x 58, 100A gG		<b>IS506223</b>
3 pole+N, 22 x 58, 100A gG		<b>IS506225</b>
3 pole with LED, 22 x 58		IS506230



Fuse-load-breaker-strip 10 x 38 mm for 60mm system, series SCHRACK

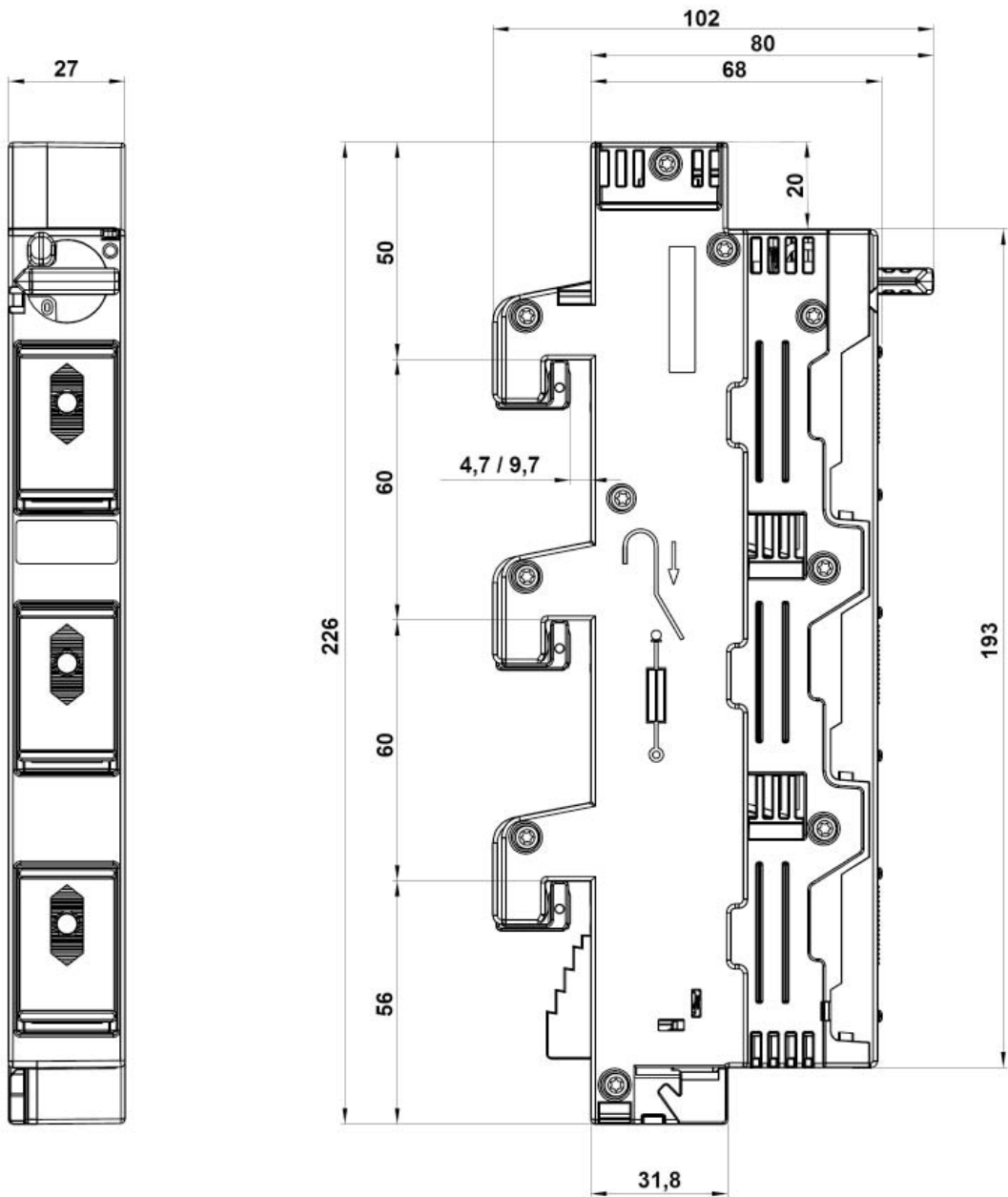


IS504851

Schrack-Info

- Including fuse-plug with flashing indicator
- Including plug retaining spring for cylindrical fuses 10x38 mm
- Removable fuse-plug reliable fuse-blown indication
- Securing against restarting sealable
- 27mm wide

IS504851 Dimensions



DESCRIPTION	AVAILABLE	ORDER NO.
63A, 3-pole		IS504851
63A, 3pole+N		IS504852

