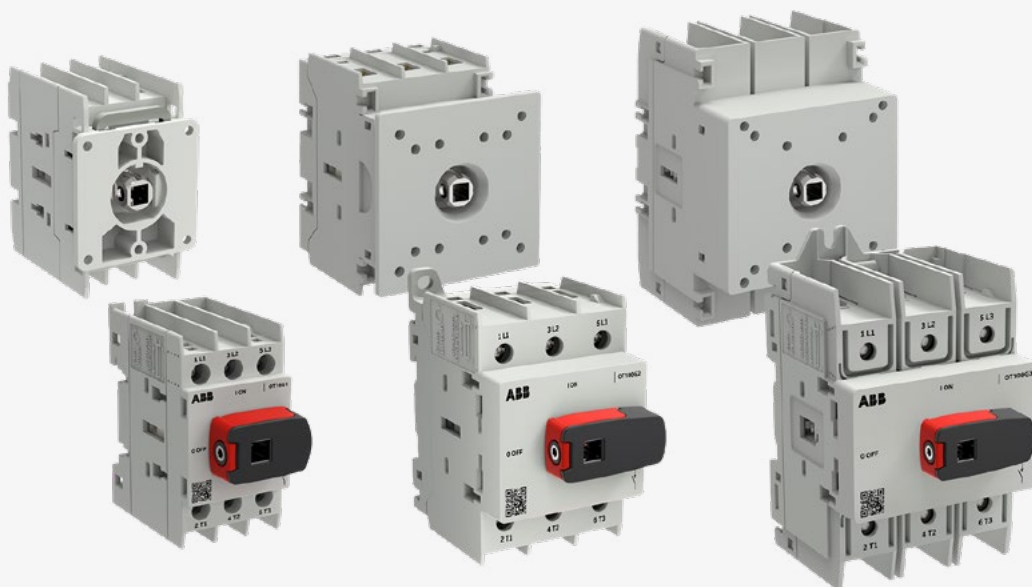




CATALOG

OT PLUS SWITCH DISCONNECTORS

One giant leap to progress



- Adaptable
- Sustainable
- Reliable

ENGINEERED
TO OUTFIT

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OT PLUS SWITCH DISCONNECTORS

One giant leap to progress

The all-in-one OT Plus Switch-disconnector range offers supreme protection and cutting-edge innovation for distribution and sub-distribution applications from 16A up to 160A, with 3-, 4-, 6-, and 8-pole options. So, whether your chosen application is low demand or requires the highest levels of continuity and safety, you have more options than ever before.

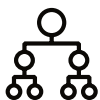
G1 frame — 16A-63A



G2 frame — 63A-101A



G3 frame — 30A-160A



Adaptable

Support more applications thanks to adjustable fourth-pole timing, which allows two different time offsets within the same switch: simultaneous or early-make / late-break. Find the right fit and install faster with overlapping current ratings, quick-spring terminals and more mounting positions.



Sustainable

Go greener with a range that cuts power losses by up 67%, that is designed for a circular economy and made with high portion of recycled materials. Additionally, the OT Plus switch is over 95% recyclable.



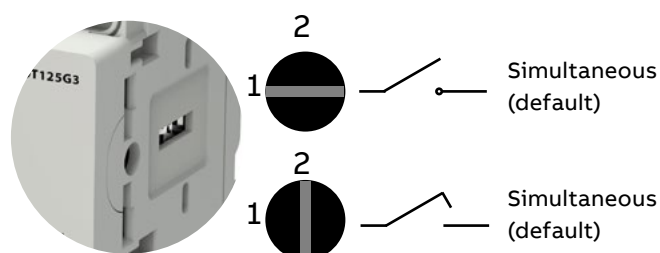
Reliable

Improve safety for people and assets, thanks to our true fourth-pole design, which reduces the risk of faults. Simplify and strengthen security with easier ways to lock and access the operating handle.

OT Plus

Special features

With the OT Plus series, we are proud to take a significant step forward. This new range embodies cutting-edge technology and innovative features designed to enhance performance, safety, and efficiency.

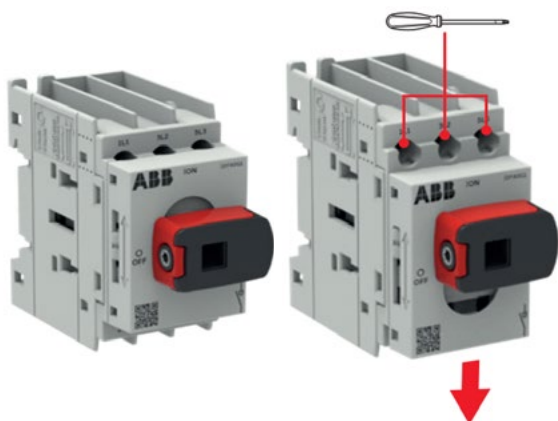


Performance Excellence

Experience higher current ratings across all frame sizes, delivering enhanced performance in motor applications. Benefit from an increased breaking capacity!

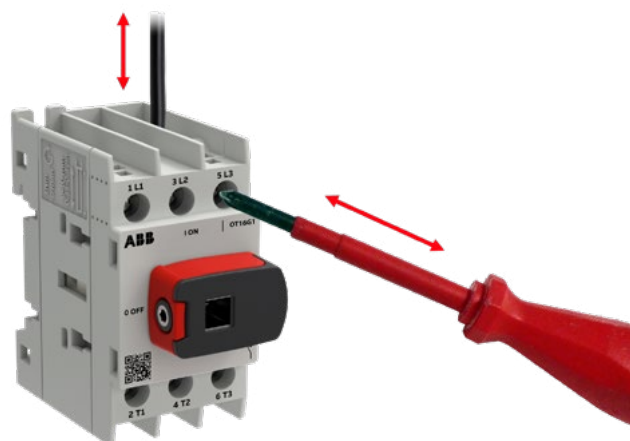
Cutting-Edge Innovation

Integrated adjustable 4-pole timing feature as standard. Choose between simultaneous or early-make/late-break options with OT Plus. This patented, unique feature from is designed to elevate your operational efficiency!



Effortless Installation

Our patented and unique sliding DIN adapter for frame G1 M-models simplifies installation, making it easier than ever to set up your system.



User-Friendly Installation

Enjoy the convenience of quick-spring terminals frame size G1, accommodating up to 40A (1.5...10mm²), which streamlines the installation process and saves you time.

OT Plus

Type designation key

Find your perfect fit, fast. Understanding the type code keys below will help you quickly identify the correct product for your needs.

ABB Brand

OT ABB switch-disconnector brand

Switch size

Indicates the ampere [A] rating of the product: 16...160 A

Mounting and operation

B	Base and DIN-rail mounting, front operated
D	Door mounting, front operated
M	DIN panel mounting, front operated

Terminals

S	Screw terminals
Q	Quick-Spring terminals

OT

63

G2-

3

B

S

Empty

N2



Symbol	Meaning
G1-	Generation letter and frame size, Frame 1
G2-	Generation letter and frame size, Frame 2
G3-	Generation letter and frame size, Frame 3

Number of poles

3	3 poles
4	4 poles
6	6 poles
8	8 poles

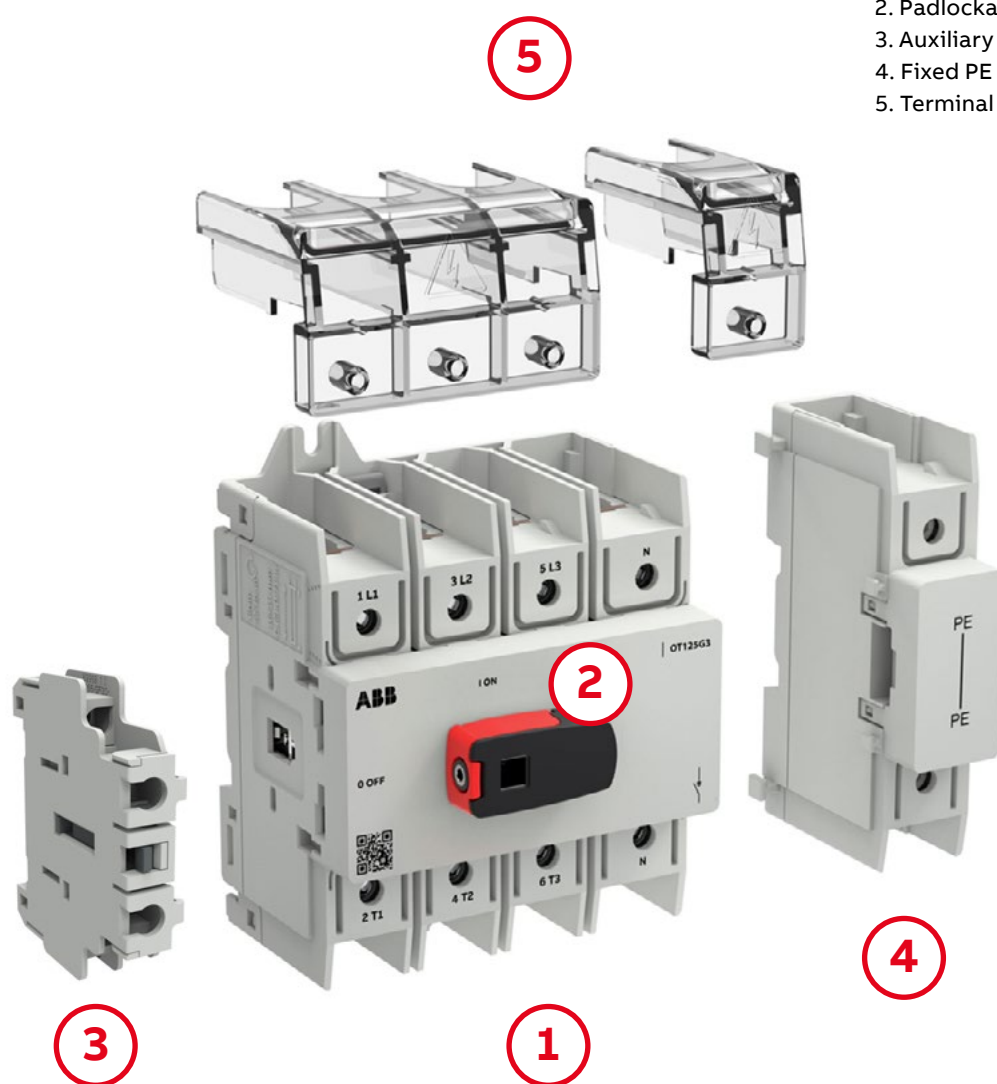
N1	Fourth pole simultaneous, mounted on the left side
N2	Fourth pole simultaneous, mounted on the right side

Included accessories

Empty	No accessories included (black padlockable knob handle included as standard)
U	Without knob handle, locking ring included

OT PLUS

Exploded view



1. OT Plus switch-disconnector
2. Padlockable direct handle
3. Auxiliary contact 1NO + 1NC
4. Fixed PE or N terminal
5. Terminal shrouds

OT Plus Switch-disconnectors

Product range



IEC60947-3	OT16G1-,				OT63G2-				OT63G3-						
	OT20G1-*)				OT80G2-				OT80G3-						
	OT25G1-				OT100G2-				OT100G3-						
	OT30G1-*)								OT125G3-						
	OT40G1-								OT160G3-						
	OT50G1-*)														
	OT63G1-														
UL60947-4-1	OT16G1-,				OT63G2-										
	OT20G1-*)				OT80G2-										
	OT25G1-				OT100G2-										
	OT30G1-*)														
	OT40G1-														
	OT50G1-*)														
	OT63G1-														
UL98									OT30G3-						
									OT60G3-						
									OT100G3-						
Frame size	G1				G2				G3						
Switch size	16	25	40	63	63	80	100	30	60	63	80	100	125	160	
IEC60947-3	lth / lthe	16 A	25 A	40 A	63 A	63 A	80 A	100 A	40 A	63 A	63 A	80 A	100 A	125 A	160 A
	AC22A, <415VAC	16 A	25 A	40 A	63 A	63 A	80 A	100 A	40 A	63 A	63 A	80 A	100 A	125 A	160 A
	AC23A, <415VAC	16 A	25 A	40A	40 A	63 A	80 A	80 A	40 A	63 A	63 A	80 A	100 A	125 A	125 A
	AC21A, 800VAC										40 A	63 A	80 A	80 A	
UL	Ampere rating	20 A	30 A	40 A	50 A	63 A	80 A	101 A	30 A	60 A	100 A				
	600VAC	UL60947-4-1				UL60947-4-1				UL98					

*) type designation tailored specifically for North American UL market.

OT PLUS

Part of ABB's EcoSolutions™ portfolio

ABB EcoSolutions™ products offer customers and partners full transparency to their circularity criteria and environmental impact, empowering more sustainable decisions. These products meet ABB circularity criteria in each stage of the product life cycle and have Environmental Product Declarations independently verified by a third party (compliant with ISO 14025 Type III).

Each product's circularity criteria and environmental impact are fully transparent and easily accessible through a QR code on the product packaging.

To fulfill ABB's circularity requirements, EcoSolutions products must comply with a minimum of 4 criteria, one from each stage of the product life cycle:

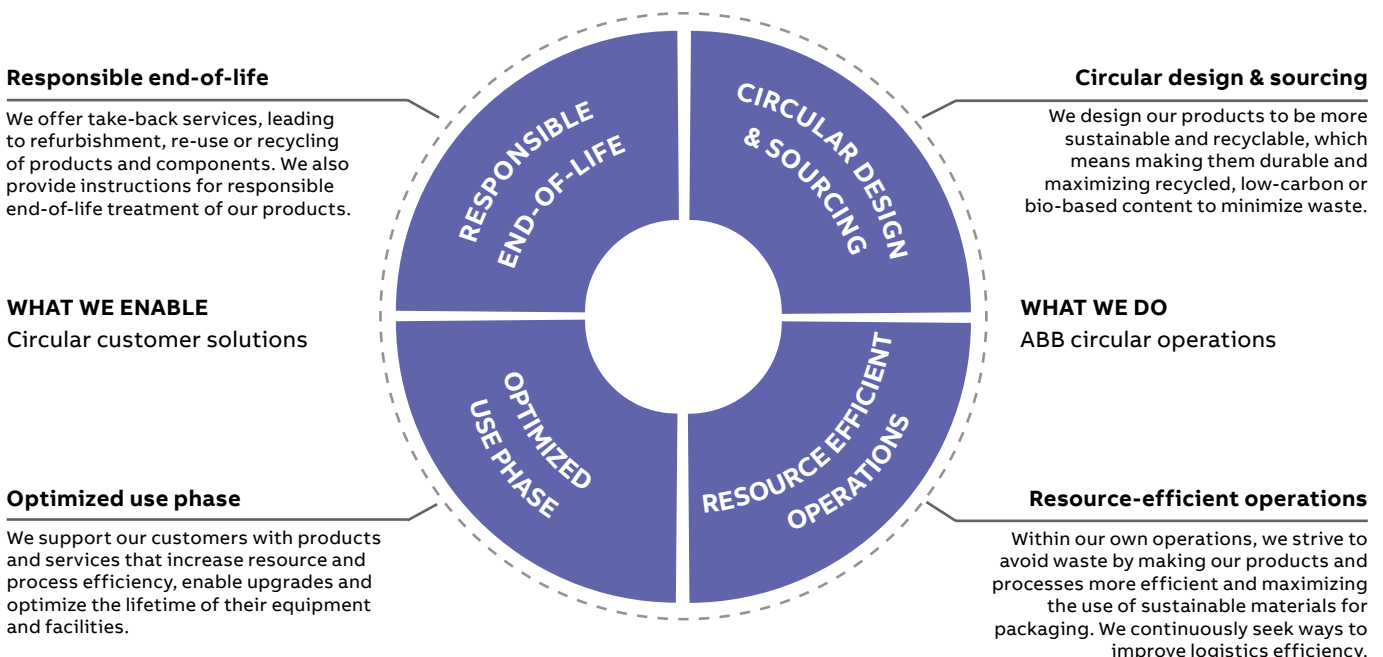
- Circular Design & Sourcing
- Resource efficient operations
- Optimized Use Phase
- Responsible end-of-life

ABB EcoSolutions products are:

- designed to last and made with more sustainable materials
- made with processes designed to avoid waste and increase sustainable packaging materials
- designed to increase resource and process efficiency while in use, be upgradable and optimize equipment lifetime
- supported by take-back services for refurbishment, reuse or recycling of products and components, and accompanied by instructions for responsible end-of-life treatment

Learn more about ABB's commitment to a sustainable future and our EcoSolutions program and visit the [EcoSolutions website](#).

Products are evaluated based on ABB's Circularity Approach across all four life cycle stages, requiring compliance with at least 4 criteria.



OT Plus Switch-disconnectors EcoSolutions™ profile

End-of-life instructions

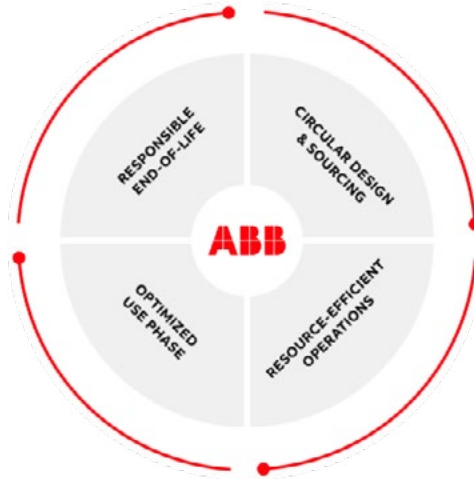
Closing the loop with instructions to maximize the recyclability embedded in circular design.

Extended lifetime

Designed to withstand higher mechanical endurance for an extended lifespan up to ten times longer than the original OT series.

Energy efficient use phase

Reduced power loss up to 53% in average 31% compared to the original OT series.



Designed for recyclability at end of life

Recyclability rate of 92-94% according to EN 45555.

Produced in a Zero Waste to Landfill site

100% diversion from landfill with 35% thermal processing for energy recovery, validated by UL 2799A.

FSC certified packaging material

For individual packaging, and 100 % recycled bulk packaging.

As part of the ABB EcoSolutions portfolio, the OT Plus range meets ABB circularity criteria in each stage of the product life cycle. In addition, OT Plus has a Environmental Product Declarations independently verified by a third party, ensuring compliance with ISO 14025 Type III standards.



Third-party verified Environmental Product Declaration

OT Plus has been EPDs compliant with ISO 14025 Type III (externally verified) ensure data accuracy and full transparency on the product's environmental impacts throughout its life cycle.

Low carbon manufacturing

OT Plus is manufactured in ABB facilities that are powered by renewable energy and are committed to collaborating with suppliers that uphold the same high standards.



OT Plus confirms to the following criteria:

Circular design & sourcing:

- Designed for recyclability at end of life: OT Plus has a recyclability rate of 92-94% according to EN45555.

Resource-efficient operations:

- OT Plus is manufactured in facilities that send 0% of their total waste generated to landfill, aligning with circular economy principles.
- FSC certified packaging material for individual packaging, and 100% recycled bulk packaging.

Optimized use phase:

- Designed to withstand higher mechanical endurance for an extended lifespan up to ten times longer than the original OT series.
- Reduced power loss up to 53% in average 31% compared to the original OT series.

Responsible end-of-life:

- OT Plus provides clear instructions to maximize recyclability at the end-of-life.

Visit the OT Plus EcoSolution profile with this QR code:



ABB
Eco
Solutions™

OT Plus Switch disconnectors

Technical data	
Technical data according to IEC 60947-3	12
Technical data according to UL 60947-4-1 and UL98	16

OT Plus Switch disconnectors

Technical data IEC 3- and 4- pole switches

TECHNICAL DATA ACCORDING TO IEC 60947-3

			OT16G1	OT25G1	OT40G1	OT63G1	OT63G2	OT80G2
Frame size			G1	G1	G1	G1	G2	G2
Rated insulation voltage and rated operational voltage AC20/DC20.	Pollution degree 3		800 V	800 V	800 V	800 V	800 V	800 V
Dielectric strength	50 Hz, 1min		4 kV	4 kV	4 kV	4 kV	5 kV	5 kV
Rated impulse withstand voltage			8 kV	8 kV	8 kV	8 kV	8 kV	8 kV
Rated thermal current and rated operational current AC20/DC20	Ambient 40°C	In open air	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 50°C	In open air	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 40°C	In enclosure	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 60°C	In enclosure	16 A	25 A	40 A	56 A	59 A	71 A
...with minimum conductor cross section	Cu		2.5 mm²	4 mm²	10 mm²	16 mm²	16 mm²	25 mm²
Rated operational current, AC-21A		415 V	16 A	25 A	40 A	63 A	63 A	80 A
		500 V	16 A	25 A	40 A	40 A	63 A	80 A
		690 V	16 A	25 A	40 A	40 A	63 A	80 A
		800 V						
Rated operational current, AC-22A		415 V	16 A	25 A	40 A	63 A	63 A	80 A
		500 V	16 A	25 A	40 A	40 A	63 A	80 A
		690 V	16 A	25 A	40 A	40 A	63 A	80 A
		800 V						
Rated operational current, AC-23A		415 V	16 A	25 A	40 A	40 A	63 A	80 A
		500 V	16 A	25 A	25 A	25 A	50 A	58 A
		690 V	16 A	25 A	25 A	25 A	32 A	40 A
		800 V						
Rated operational current, AC-23Ae		415 V	16 A	20 A	25 A	25 A	50 A	60 A
		690 V	16 A	16 A	20 A	20 A	25 A	32 A
Rated operational power, AC-23A		415 V	7.5 kW	11 kW	18.5 kW	18.5 kW	30 kW	45 kW
		690 V	11 kW	22 kW	22 kW	22 kW	30 kW	37 kW
Rated operational power, AC-23Ae		415 V	7.5 kW	9 kW	11 kW	11 kW	25 kW	30 kW
		690 V	11 kW	11 kW	15 kW	15 kW	22 kW	30 kW
Rated operational current/poles in series, DC-21A		24...48 V	16 A/1	25 A/1	32 A/1	32 A/1	63 A/1	80 A/1
		110 V	16 A/2	25 A/2	32 A/2	32 A/2	63 A/2	80 A/2
		250 V	16 A/3	25 A/3	32 A/3	32 A/3	63 A/4	80 A/4
		440 V	16 A/4	16 A/4	16 A/4	16 A/4	16 A/4	16 A/4
Rated operational current/poles in series, DC-22A		24...48 V	16 A/1	25 A/1	32 A/1	32 A/1	63 A/1	80 A/1
		110 V	16 A/2	25 A/2	32 A/2	32 A/2	63 A/2	80 A/2
		250 V	16 A/3	25 A/3	32 A/4	32 A/4	45 A/4	45 A/4
		440 V	10 A/4	10 A/4	10 A/4	10 A/4	10 A/4	10 A/4
Rated operational current/poles in series, DC-23A		24...48 V	16 A/1	25 A/1	32 A/1	32 A/1	63 A/1	80 A/1
		110 V	16 A/2	25 A/2	32 A/2	32 A/2	63 A/2	80 A/2
		250 V	16 A/4	25 A/4	32 A/4	32 A/4	45 A/4	45 A/4
		440 V	10 A/4	10 A/4	10 A/4	10 A/4	10 A/4	10 A/4
Rated conditional short-circuit current	Max. Fuse gG	Iq 5kA / 415V					80 A	100 A
	Max. Fuse gG/aM	Iq 25kA / 415V	63 A/40 A	63 A/40 A	63 A/40 A	63 A/40 A		
	Max. Fuse gG/aM	Iq 50kA / 415V	40 A/40 A	40 A/40 A	40 A/40 A	40 A/40 A	80 A/80 A	100 A/80 A
	Max. Fuse gG/aM	Iq 100kA / 415V						
	Max. Fuse gG/aM	Iq 50kA / 500V	40 A/40 A	40 A/40 A	40 A/40 A	40 A/40 A	80 A/80 A	80 A/80 A
	Max. Fuse gG/aM	Iq 50kA / 690V	40 A/25 A	40 A/25 A	40 A/25 A	40 A/25 A	80 A/63 A	80 A/63 A
	Max. Fuse gR	Iq 50kA / 800V						
	MCCB XT1/XT2	Iq 5kA / 415V						
	MCB S200/S200M	Iq 6kA / 415V	40 A	40 A	40 A	40 A	63 A	63 A
	MCB S200/S200M	Iq 15kA / 415V						
	MCB S800	Iq 6kA / 415V					80 A	100 A
	MCB S800	Iq 25kA / 415V						
	MCB S800P	Iq 6kA / 690V						
	MCB S800S	Iq 6kA / 690V						
Max. Peak current I _{pk}		Iq 50kA / 415V	6.8 kA	6.8 kA	6.8 kA	6.8 kA	10.4 kA	10.4 kA
		Iq 50kA / 690V	6.6 kA	6.6 kA	6.6 kA	6.6 kA	10.2 kA	10.2 kA
Max. Let-Trough Energy I _{2t}		Iq 50kA / 415V	8.2 kA²s	8.2 kA²s	8.2 kA²s	8.2 kA²s	38.7 kA²s	38.7 kA²s
		Iq 50kA / 690V	14.5 kA²s	14.5 kA²s	14.5 kA²s	14.5 kA²s	36.7 kA²s	36.7 kA²s

			OT100G2	OT63G3	OT80G3	OT100G3	OT125G3	OT160G3
Frame size			G2	G3	G3	G3	G3	G3
Rated insulation voltage and rated operational voltage AC20/DC20.	Pollution degree 3		800 V	800 V	800 V	800 V	800 V	800 V
Dielectric strength	50 Hz, 1min		5 kV	5 kV	5 kV	5 kV	5 kV	5 kV
Rated impulse withstand voltage			8 kV	8 kV	8 kV	8 kV	8 kV	8 kV
Rated thermal current and rated operational current AC20/DC20	Ambient 40°C	In open air	100 A	63 A	80 A	100 A	125 A	160 A
	Ambient 50°C	In open air	100 A	63 A	80 A	100 A	125 A	160 A
	Ambient 40°C	In enclosure	100 A	63 A	80 A	100 A	125 A	160 A
	Ambient 60°C	In enclosure	82 A	63 A	80 A	98 A	114 A	136 A
...with minimum conductor cross section	Cu		35 mm²	16 mm²	25 mm²	35 mm²	50 mm²	70 mm²
Rated operational current, AC-21A		415 V	100 A	63 A	80 A	100 A	125 A	160 A
		500 V	80 A	63 A	80 A	100 A	125 A	125 A
		690 V	80 A	63 A	80 A	100 A	125 A	125 A
		800 V		40 A	63 A	80 A	80 A	80 A
Rated operational current, AC-22A		415 V	100 A	63 A	80 A	100 A	125 A	160 A
		500 V	80 A	63 A	80 A	100 A	125 A	125 A
		690 V	80 A	63 A	80 A	100 A	125 A	125 A
		800 V		32 A	40 A	45 A	63 A	63 A
Rated operational current, AC-23A		415 V	80 A	63 A	80 A	100 A	125 A	125 A
		500 V	58 A	63 A	70 A	70 A	70 A	70 A
		690 V	40 A	50 A	50 A	63 A	63 A	63 A
		800 V						
Rated operational current, AC-23Ae		415 V	65 A	63 A	63 A	80 A	80 A	80 A
		690 V	32 A	50 A	50 A	63 A	63 A	63 A
Rated operational power, AC-23A		415 V	45 kW	30 kW	45 kW	55 kW	55 kW	55 kW
		690 V	37 kW	45 kW	45 kW	55 kW	55 kW	55 kW
Rated operational power, AC-23Ae		415 V	30 kW	30 kW	30 kW	45 kW	45 kW	45 kW
		690 V	30 kW	45 kW	45 kW	55 kW	55 kW	55 kW
Rated operational current/poles in series, DC-21A		24...48 V	80 A/1	63 A/1	80 A/1	100 A/1	125 A/1	125 A/1
		110 V	80 A/2	63 A/2	80 A/2	100 A/2	125 A/2	125 A/2
		250 V	80 A/4	63 A/4	80 A/4	100 A/4	125 A/4	125 A/4
		440 V	16 A/4					
Rated operational current/poles in series, DC-22A		24...48 V	80 A/1	63 A/1	80 A/1	100 A/1	125 A/1	125 A/1
		110 V	80 A/2	63 A/2	80 A/2	100 A/2	125 A/2	125 A/2
		250 V	45 A/4	63 A/4	80 A/4	80 A/4	80 A/4	80 A/4
		440 V	10 A/4					
Rated operational current/poles in series, DC-23A		24...48 V	80 A/1	63 A/1	80 A/1	100 A/1	125 A/1	125 A/1
		110 V	80 A/2	63 A/2	80 A/2	100 A/2	125 A/2	125 A/2
		250 V	45 A/4	63 A/4	63 A/4	63 A/4	63 A/4	63 A/4
		440 V	10 A/4					
Rated conditional short-circuit current	Max. Fuse gG	Iq 5kA / 415V	100 A	80 A	100 A	125 A	125 A	160 A
	Max. Fuse gG/aM	Iq 25kA / 415V						
	Max. Fuse gG/aM	Iq 50kA / 415V	100 A/80 A	80 A/80 A	100 A/100 A	125 A/125 A	125 A/125 A	125 A/125 A
	Max. Fuse gG/aM	Iq 100kA/ 415V		80 A/80 A	100 A/100 A	100 A/100 A	100 A/100 A	100 A/100 A
	Max. Fuse gG/aM	Iq 50kA / 500V	80 A/80 A	100 A/100 A	100 A/100 A	100 A/100 A	100 A/100 A	100 A/100 A
	Max. Fuse gG/aM	Iq 50kA / 690V	80 A/63 A	80 A/80 A	80 A/80 A	80 A/80 A	80 A/80 A	80 A/80 A
	Max. Fuse gR	Iq 50kA / 800V		80 A	80 A	80 A	80 A	80 A
	MCCB XT1/XT2	Iq 5kA / 415V		80 A	100 A	125 A	160 A	160 A
	MCB S200/S200M	Iq 6kA / 415V	63 A					
	MCB S200/S200M	Iq 15kA / 415V		63 A	63 A	63 A	63 A	63 A
	MCB S800	Iq 6kA / 415V	125 A					
	MCB S800	Iq 25kA / 415V		80 A	100 A	125 A	125 A	125 A
	MCB S800P	Iq 6kA / 690V		125 A	125 A	125 A	125 A	125 A
	MCB S800S	Iq 6kA / 690V		63 A	63 A	63 A	63 A	63 A
Max. Peak current Ipk		Iq 50kA / 415V	10.4 kA	13 kA	13 kA	13 kA	13 kA	13 kA
		Iq 50kA / 690V	10.2 kA	10.5 kA	10.5 kA	10.5 kA	10.5 kA	10.5 kA
Max. Let-Trough Energy I2t		Iq 50kA / 415V	38.7 kA²s	76.2 kA²s	76.2 kA²s	76.2 kA²s	76.2 kA²s	76.2 kA²s
		Iq 50kA / 690V	36.7 kA²s	60.3 kA²s	60.3 kA²s	60.3 kA²s	60.3 kA²s	60.3 kA²s

OT Plus Switch disconnectors

Technical data IEC 3- and 4- pole switches

TECHNICAL DATA ACCORDING TO IEC 60947-3

			OT16G1	OT25G1	OT40G1	OT63G1	OT63G2	OT80G2
Frame size			G1	G1	G1	G1	G2	G2
Rated short time withstand current	r.m.s. - value I _{cw}	690 V, 0,25 s	1.25 kA	1.25 kA	1.25 kA	1.25 kA	2.5 kA	2.5 kA
		690 V, 1 s	0.8 kA	0.8 kA	0.8 kA	0.8 kA	1.5 kA	1.5 kA
Rated short circuit current making capacity	Peak value I _{cm}	690 V	1.76 kA	1.76 kA	1.76 kA	1.76 kA	3.5 kA	3.5 kA
Rated capacitor power (the capacitor ratings are limited by the fuse link)		400...415 V	6.5 kVAr	10 kVAr	15 kVAr	15 kVAr	25 kVAr	30 kVAr
Power loss/pole	At operational current		0.1 W	0.4 W	1.0 W	2.4 W	2.2 W	3.4 W
Mechanical endurance	Divide by two for operation cycles		200.000	200.000	200.000	200.000	200.000	200.000
Weight without accessories	3-pole		0.12 kg	0.12 kg	0.12 kg	0.12 kg	0,25 kg	0,25 kg
	4-pole		0.15 kg	0.15 kg	0.15 kg	0.15 kg	0,32 kg	0,32 kg
Cable size screw terminals	Single Cu-wire size Min...Max.		0.75...16 mm ²	0.75...16 mm ²	0.75...16 mm ²	0.75...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 6 - Very flexible, fine stranded with ferrule		0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	1.5...4 mm ²	1.5...4 mm ²
	Class 5 - Flexible		1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 2 - Stranded		1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 1 - Solid		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...6 mm ²	1.5...6 mm ²
	Dual Cu-wire size Min...Max		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 6 - Very flexible, fine stranded with ferrule		0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	1.5...4 mm ²	1.5...4 mm ²
	2x Class 5 - Flexible		1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 2 - Stranded		1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 1 - Solid		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...6 mm ²	1.5...6 mm ²
	Cu-wire size suitable		18-6 AWG	18-6 AWG	18-6 AWG	18-6 AWG	16-2 AWG	16-2 AWG
	Double wire (2x)		16-10 AWG	16-10 AWG	16-10 AWG	16-10 AWG	16-8 AWG	16-8 AWG
Terminal tightening torque	Counter torque required		1 Nm	1 Nm	1 Nm	1 Nm	2 Nm	2 Nm
			9 lb.in	9 lb.in	9 lb.in	9 lb.in	18 lb.in	18 lb.in
Cable size quick spring terminals	Single Cu-wire size Min...Max.		1.5...10 mm ²	1.5...10 mm ²	1.5...10 mm ²			
	Class 6 - Very flexible, fine stranded with ferrule		1.5...4 mm ²	1.5...4 mm ²	1.5...4 mm ²			
	Class 5 - Flexible		1.5...10 mm ²	1.5...10 mm ²	1.5...10 mm ²			
	Class 2 - Stranded		1.5...10 mm ²	1.5...10 mm ²	1.5...10 mm ²			
	Class 1 - Solid		1.5...4 mm ²	1.5...4 mm ²	1.5...4 mm ²			
	Cu-wire size suitable		18-8 AWG	18-8 AWG	18-8 AWG			
Operating torque	3-pole switch disconnector		1.5 Nm	1.5 Nm	1.5 Nm	1.5 Nm	2 Nm	2 Nm
			13 lb.in	13 lb.in	13 lb.in	13 lb.in	18 lb.in	18 lb.in

			OT100G2	OT63G3	OT80G3	OT100G3	OT125G3	OT160G3
Frame size			G2	G3	G3	G3	G3	G3
Rated short time withstand current	r.m.s. - value I _{cw}	690 V, 0.25 s	2.5 kA	3.2 kA	3.2 kA	3.2 kA	3.2 kA	3.2 kA
		690 V, 1 s	1.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA
Rated short circuit current making capacity	Peak value I _{cm}	690 V	3.5 kA	4.8 kA	4.8 kA	4.8 kA	4.8 kA	4.8 kA
Rated capacitor power (the capacitor ratings are limited by the fuse link)		400...415 V	30 kVAr	35 kVAr	40 kVAr	40 kVAr	50 kVAr	50 kVAr
Power loss/pole	At operational current		5.3 W	1.5 W	2.5 W	3.7 W	4.6 W	7.3 W
Mechanical endurance	Divide by two for operation cycles		200.000	200.000	200.000	200.000	200.000	200.000
Weight without accessories	3-pole		0,25 kg	0,25 kg	0.40 kg	0.40 kg	0.40 kg	0.40 kg
	4-pole		0,32 kg	0,32 kg	0.52 kg	0.52 kg	0.52 kg	0.52 kg
Cable size screw terminals	Single Cu-wire size Min...Max.	1.5...35 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²
	Class 6 - Very flexible, fine stranded with ferrule	1.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²
	Class 5 - Flexible	1.5...35 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²
	Class 2 - Stranded	1.5...35 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²
	Class 1 - Solid	1.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²
	Dual Cu-wire size Min...Max	1.5...16 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²
	2x Class 6 - Very flexible, fine stranded with ferrule	1.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²
	2x Class 5 - Flexible	1.5...16 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²
	2x Class 2 - Stranded	1.5...16 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²
	2x Class 1 - Solid	1.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²
	Cu-wire size suitable	16-2 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG
	Double wire (2x)	16-8 AWG	12-4 AWG					
Terminal tightening torque	Counter torque required		2 Nm	6 Nm	6 Nm	6 Nm	6 Nm	6 Nm
			18 lb.in	53 lb.in	53 lb.in	53 lb.in	53 lb.in	53 lb.in
Cable size quick spring terminals	Single Cu-wire size Min...Max.							
	Class 6 - Very flexible, fine stranded with ferrule							
	Class 5 - Flexible							
	Class 2 - Stranded							
	Class 1 - Solid							
	Cu-wire size suitable							
Operating torque	3-pole switch disconnecter		2 Nm	2 Nm	2 Nm	2 Nm	2 Nm	2 Nm
			18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in

OT Plus Switch disconnectors

Technical data UL 3- and 4- pole switches

TECHNICAL DATA ACCORDING TO UL 60947-4-1 AND UL98

				OT16G1 OT20G1 ²⁾	OT25G1 OT30G1 ²⁾	OT40G1	OT50G1 ²⁾ OT63G1
Frame size				G1	G1	G1	G1
Approval Compliance				UL 60947-4-1 CSA C22.2 No.14			
Max. Operating voltage				600 V	600 V	600 V	600 V
General purpose amp rating		pf = 0.7...0.8		20 A	30 A	40 A	50 A
Max. Horsepower rating / motor FLA current		pf = 0.4...0.5 120 V					
Three phase		208 V		5 hp/16.7 A	7.5 hp/24.2 A	10 hp/30.8 A	10 hp/30.8 A
		240 V		5 hp/15.2 A	7.5 hp/22 A	10 hp/28 A	10 hp/28 A
		480 V		10 hp/14 A	15 hp/21 A	20 hp/27 A	25 hp/34 A
		600 V		10 hp/11 A	20 hp/22 A	25 hp/27 A	30 hp/32 A
Single phase		120 V		1 hp/16 A	1.5 hp/20 A	2 hp/24 A	2 hp/24 A
		208 V		2 hp/14 A	3 hp/20 A	5 hp/31 A	5 hp/31 A
		240 V		2 hp/12 A	3 hp/17 A	5 hp/28 A	5 hp/28 A
		480 V		5 hp/14 A	7.5 hp/21 A	10 hp/26 A	10 hp/26 A
		600 V		7.5 hp/16 A	10 hp/20 A	15 hp/ 27 A	15 hp/27 A
Short circuit rating with fuse		Maximum fuse size		60 A	60 A	60 A	60 A
		Fuse type	J	100 kA	100 kA	100 kA	100 kA
			T	100 kA	100 kA	100 kA	100 kA
			RK5 1-phase	5 kA	5 kA	5 kA	5 kA
			RK5 3-phase	5 kA	5 kA	5 kA	5 kA
Rated amp rating in DC applications		250 Vdc 2-Pole connection					
Min. electrical endurance, pf = 0.75...0.8		electrical operations		6.000	6.000	6.000	6.000
Divide by two for operation cycles		mechanical operations		200.000	200.000	200.000	200.000
Screw terminal lugs				integrated	integrated	integrated	integrated
Wire range Copper		Single stranded		16-6 AWG	16-6 AWG	16-6 AWG	16-6 AWG
		Single solid		18-10 AWG	18-10 AWG	18-10 AWG	18-10 AWG
		Double stranded (2x)		16-10 AWG	16-10 AWG	16-10 AWG	16-10 AWG
		Double solid (2x)		18-10 AWG	18-10 AWG	18-10 AWG	18-10 AWG
Terminal tightening torque		Counter torque required		9 lb.in	9 lb.in	9 lb.in	9 lb.in
				1 Nm	1 Nm	1 Nm	1 Nm
Quick spring terminal lugs		Single stranded		16-8 AWG	16-8 AWG	16-8 AWG	
Wire range Copper		Single solid		18-10 AWG	18-10 AWG	18-10 AWG	
Weight without accessories		3-pole		0.27 lbs	0.27 lbs	0.27 lbs	0.27 lbs
		4-pole		0.33 lbs	0.33 lbs	0.33 lbs	0.33 lbs
Operating torque		3-pole switch disconnector		9 lb.in	9 lb.in	9 lb.in	9 lb.in
				1 Nm	1 Nm	1 Nm	1 Nm
Technical data according to IEC 60947-3				OT16G1-	OT25G1-	OT40G1-	OT63G1-

1) 75oC cable

2) type designation tailored specifically for North American UL market

TECHNICAL DATA ACCORDING TO UL 60947-4-1 AND UL98

		OT63G2		OT80G2		OT100G2		OT30G3	OT60G3	OT100G3
Frame size		G2		G2		G2		G3	G3	G3
						UL 60947-4-1 CSA C22.2 No.14				UL98 CSA C22.2 No.4
Max. Operating voltage		600 V		600 V		600 V		600 V	600 V	600 V
General purpose amp rating	pf = 0.7...0.8	63 A		80 A		101 A ¹⁾		30 A	60 A	100 A
Max. Horsepower rating / motor FLA current	pf = 0.4...0.5	120 V	5 hp/30.4 A	5 hp/30.4 A	5 hp/30.4 A	7.5 hp/44 A	5 hp/30.4 A	7.5 hp/44 A	10 hp/56 A	10 hp/56 A
	Three phase	208 V	15 hp/46.2 A	20 hp/59.4 A	20 hp/59.4 A					
		240 V	15 hp/42 A	20 hp/54 A	20 hp/54 A	10 hp/28 A	20 hp/27 A	40 hp/52 A	50 hp/65 A	50 hp/65 A
		480 V	30 hp/40 A	40 hp/52 A	40 hp/52 A	30 hp/32 A	50 hp/52 A	60 hp/62 A	60 hp/62 A	60 hp/62 A
		600 V	30 hp/32 A	40 hp/41 A	50 hp/52 A	30 hp/32 A	50 hp/52 A	60 hp/62 A	60 hp/62 A	60 hp/62 A
	Single phase	120 V	2 hp/24 A	2 hp/24 A	3 hp/34 A	2 hp/24 A	3 hp/34 A	5 hp/56 A	5 hp/56 A	5 hp/56 A
		208 V	7.5 hp/44 A	10 hp/55 A	10 hp/55 A					
		240 V	7.5 hp/40 A	10 hp/50 A	10 hp/50 A	5 hp/28 A	7.5 hp/40 A	15 hp/68 A	15 hp/68 A	15 hp/68 A
		480 V	15 hp/34 A	20 hp/44 A	20 hp/44 A	10 hp/26 A	15 hp/34 A	25 hp/55 A	25 hp/55 A	25 hp/55 A
		600 V	15 hp/27 A	20 hp/39 A	25 hp/44 A	15 hp/27 A	25 hp/44 A	30 hp/54 A	30 hp/54 A	30 hp/54 A
	Short circuit rating with fuse	Maximum fuse size	100 A	150 A	100 A	150 A	100 A	150 A	60 A	60 A
		Fuse type	J	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA
			T	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA
		RK5	1-phase	5 kA	5 kA	5 kA	5 kA			
		RK5	3-phase	5 kA	5 kA	5 kA	5 kA			
Rated amp rating in DC applications	250 Vdc 2-Pole connection							30 A	60 A	100 A
Min. electrical endurance, pf = 0.75...0.8	electrical operations		6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
Divide by two for operation cycles	mechanical operations		200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000
Screw terminal lugs			integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Wire range Copper	Single stranded		16-2 AWG	16-2 AWG	16-2 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG
	Single solid		16-10 AWG	16-10 AWG	16-10 AWG	12-10 AWG				
	Double stranded (2x)		16-8 AWG	16-8 AWG	16-8 AWG		12-4 AWG	12-4 AWG	12-4 AWG	12-4 AWG
	Double solid (2x)		16-10 AWG	16-10 AWG	16-10 AWG					
Terminal tightening torque	Counter torque required		18 lb.in	18 lb.in	18 lb.in	53 lb.in	53 lb.in	53 lb.in	53 lb.in	53 lb.in
			2 Nm	2 Nm	2 Nm	6 Nm	6 Nm	6 Nm	6 Nm	6 Nm
Quick spring terminal lugs	Single stranded									
Wire range Copper	Single solid									
Weight without accessories	3-pole		0.55 lbs	0.55 lbs	0.55 lbs	0.88 lbs	0.88 lbs	0.88 lbs	0.88 lbs	0.88 lbs
	4-pole		0.71 lbs	0.71 lbs	0.71 lbs	1.15 lbs	1.15 lbs	1.15 lbs	1.15 lbs	1.15 lbs
Operating torque	3-pole switch disconnecter		18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in	18 lb.in
			2 Nm	2 Nm	2 Nm	2 Nm	2 Nm	2 Nm	2 Nm	2 Nm
Technical data according to IEC 60947-3		OT63G2-	OT80G2-	OT100G2-		OT63G3-	OT100G2-			

1) At 75oC cable rating

OT Plus Switch disconnectors

Technical data IEC 6- and 8- pole switches

TECHNICAL DATA ACCORDING TO IEC 60947-3

			OT16G1	OT25G1	OT40G1	OT63G1	OT63G2	OT80G2
Frame size			G1	G1	G1	G1	G2	G2
Rated insulation voltage and rated operational voltage AC20/DC20.	Pollution degree 3		800 V	800 V	800 V	800 V	800 V	800 V
Dielectric strength	50 Hz. 1 min		4 kV	4 kV	4 kV	4 kV	5 kV	5 kV
Rated impulse withstand voltage			8 kV	8 kV	8 kV	8 kV	8 kV	8 kV
Rated thermal current and rated operational current AC20/DC20	Ambient 40°C	In open air	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 50°C	In open air	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 40°C	In enclosure	16 A	25 A	40 A	63 A	63 A	80 A
	Ambient 60°C	In enclosure					55 A	55 A
...with minimum conductor cross section	Cu		2.5 mm ²	4 mm ²	10 mm ²	16 mm ²	16 mm ²	25 mm ²
Rated operationa current, AC-21A	415 V		16 A	25 A	40 A	63 A	63 A	80 A
	690 V		16 A	25 A	40 A	40 A	63 A	80 A
	800 V							
Rated operationa current, AC-22A	415 V		16 A	25 A	40 A	63 A	63 A	80 A
	690 V		16 A	25 A	40 A	40 A	63 A	80 A
	800 V							
Rated operationa current, AC-23A	415 V		16 A	25 A	40 A	40 A	63 A	65 A
	690 V		16 A	25 A	25 A	25 A	32 A	40 A
Rated operationa current, AC-23Ae	415 V		16 A	20 A	25 A	25 A	50 A	65 A
	690 V		16 A	16 A	20 A	20 A	25 A	32 A
Rated operational power, AC-23A	415 V		7.5 kW	11 kW	18.5 kW	18.5 kW	30 kW	45 kW
	690 V		11 kW	22 kW	22 kW	22 kW	30 kW	37 kW
Rated operational power, AC-23Ae	415 V		7.5 kW	9 kW	11 kW	11 kW	25 kW	30 kW
	690 V		11 kW	11 kW	15 kW	15 kW	22 kW	30 kW
Rated conditional short-circuit current	Max. Fuse gG/aM	Iq 25kA / 415V	63 A/40 A	63 A/40 A	63 A/40 A	63 A/40 A		
	Max. Fuse gG/aM	Iq 25kA / 690V						
	Max. Fuse gG/aM	Iq 50kA / 415V	40 A/40 A	40 A/40 A	40 A/40 A	40 A/40 A	80 A/63 A	80 A/63 A
Rated short time withstand current	Max. Fuse gG/aM	Iq 50kA / 690V	40 A/25 A	40 A/25 A	40 A/25 A	40 A/25 A	80 A/63 A	80 A/63 A
	r.m.s. - value Icw	415-690 V, 0.25s	1.25 kA	1.25 kA	1.25 kA	1.25 kA	2.5 kA	2.5 kA
		415-690 V, 1 s	0.8 kA	0.8 kA	0.8 kA	0.8 kA	1.5 kA	1.5 kA
Rated short circuit current making capacity	Peak value Icm	415-690 V	1.76 kA	1.76 kA	1.76 kA	1.76 kA	3.5 kA	3.5 kA
Power loss/pole	At operational current						2.2 W	3.4 W
Mechanical endurance	Divide by two for operation cycles		200.000	200.000	200.000	200.000	200.000	200.000
Weight without accessories	6-pole		0.26 kg	0.26 kg	0.26 kg	0.26 kg	0.56 kg	0.56 kg
	8-pole		0.32 kg	0.32 kg	0.32 kg	0.32 kg	0.70 kg	0.70 kg
Cable size	Single Cu-wire size Min...Max.		1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 6 - Very flexible, fine stranded with ferrule		0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	1.5...4 mm ²	1.5...4 mm ²
	Class 5 - Flexible		1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 2 - Stranded		1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...16 mm ²	1.5...35 mm ²	1.5...35 mm ²
	Class 1 - Solid		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...6 mm ²	1.5...6 mm ²
	Dual Cu-wire size Min...Max		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 6 - Very flexible		0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	0.75...4 mm ²	1.5...4 mm ²	1.5...4 mm ²
	2x Class 5 - Flexible		1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 2 - Stranded		1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...6 mm ²	1.5...16 mm ²	1.5...16 mm ²
	2x Class 1 - Solid		0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	0.75...6 mm ²	1.5...6 mm ²	1.5...6 mm ²
	Cu-wire size suitable		18-6 AWG	18-6 AWG	18-6 AWG	18-6 AWG	16-2 AWG	16-2 AWG
	Double wire (2x)		16-10 AWG	16-10 AWG	16-10 AWG	16-10 AWG	16-8 AWG	16-8 AWG
Terminal tightening torque	Counter torque required		1 Nm	1 Nm	1 Nm	1 Nm	2 Nm	2 Nm
			9 lb.in	9 lb.in	9 lb.in	9 lb.in	18 lb.in	18 lb.in
Operating torque	3-pole switch disconnector		3Nm	3Nm	3Nm	3Nm	4 Nm	4 Nm
			27 lb.in	27 lb.in	27 lb.in	27 lb.in	36 lb.in	36 lb.in

TECHNICAL DATA ACCORDING TO IEC 60947-3

			OT63G3	OT80G3	OT100G3	OT125G3	OT160G3 ²⁾
Frame size			G3	G3	G3	G3	G3
Rated insulation voltage and rated operational voltage AC20/DC20.	Pollution degree 3		800 V	800 V	800 V	800 V	800 V
Dielectric strength	50 Hz, 1min		5 kV	5 kV	5 kV	5 kV	5 kV
Rated impulse withstand voltage			8 kV	8 kV	8 kV	8 kV	8 kV
Rated thermal current and rated operational current AC20/DC20	Ambient 40°C	In open air	63 A	80 A	100 A	125 A	160 A
	Ambient 50°C	In open air	63 A	80 A	100 A	125 A	160 A
	Ambient 40°C	In enclosure	63 A	80 A	100 A	125 A	160 A
	Ambient 60°C	In enclosure	63 A	80 A	90 A	90 A	90 A
...with minimum conductor cross section		Cu	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²
Rated operationa current, AC-21A		415 V	63 A	80 A	100 A	125 A	160 A
		690 V	63 A	80 A	100 A	125 A	125 A
		800 V	40 A	63 A	80A	80A	80A
Rated operationa current, AC-22A		415 V	63 A	80 A	100 A	125 A	160 A
		690 V	63 A	80 A	100 A	125 A	125 A
		800 V	32 A	40 A	45 A	63 A	63 A
Rated operationa current, AC-23A		415 V	63 A	80 A	100 A	125 A	125 A
		690 V	50 A	50 A	63 A	63 A	63 A
Rated operationa current, AC-23Ae		415 V	63 A	63 A	80 A	80 A	80 A
		690 V	50 A	50 A	63 A	63 A	63 A
Rated operational power, AC-23A		415 V	30 kW	45 kW	55 kW	55 kW	55 kW
		690 V	45 kW	45 kW	55 kW	55 kW	55 kW
Rated operational power, AC-23Ae		415 V	30 kW	30 kW	45 kW	45 kW	45 kW
		690 V	45 kW	45 kW	55 kW	55 kW	55 kW
	Max. Fuse gG/aM	Iq 25kA / 415V	/ 63 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾
Rated conditional short-circuit current	Max. Fuse gG/aM	Iq 25kA / 690V	/ 63 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾	/ 80 A ¹⁾
	Max. Fuse gG/aM	Iq 50kA / 415V					
	Max. Fuse gG/aM	Iq 50kA / 690V					
Rated short time withstand current	r.m.s. - value Icw	415-690 V, 0.25s	3.2 kA	3.2 kA	3.2 kA	3.2 kA	3.2 kA
		415-690 V, 1 s	2.5 kA	2.5 kA	2.5 kA	2.5 kA	2.5 kA
Rated short circuit current making capacity	Peak value Icm	415-690 V	4.8 kA	4.8 kA	4.8 kA	4.8 kA	4.8 kA
Power loss/pole	At operational current		1.5 W	2.5 W	3.7 W	4.6 W	7.3 W
Mechanical endurance	Divide by two for operation cycles		200.000	200.000	200.000	200.000	200.000
Weight without accessories	6-pole		0.56 kg	0.88 kg	0.88 kg	0.88 kg	0.88 kg
	8-pole		0.70 kg	1.10 kg	1.10 kg	1.10 kg	1.10 kg
Cable size	Single Cu-wire size Min... Max.		2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²	2.5...70 mm ²
	Class 6 - Very flexible, fine stranded with ferrule		2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²
	Class 5 - Flexible		4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²
	Class 2 - Stranded		4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²	4...70 mm ²
	Class 1 - Solid		2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²
	Dual Cu-wire size Min...Max		2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²	2.5...25 mm ²
	2x Class 6 - Very flexible		2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²	2.5...4 mm ²
	2x Class 5 - Flexible		4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²
	2x Class 2 - Stranded		4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²	4...25 mm ²
	2x Class 1 - Solid		2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²	2.5...6 mm ²
	Cu-wire size suitable		12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG	12-2/0 AWG
	Double wire (2x)						
Terminal tightening torque	Counter torque required		6 Nm	6 Nm	6 Nm	6 Nm	6 Nm
			53 lb.in	53 lb.in	53 lb.in	53 lb.in	53 lb.in
Operating torque	3-pole switch disconnecter		4 Nm	4 Nm	4 Nm	4 Nm	4 Nm
			36 lb.in	36 lb.in	36 lb.in	36 lb.in	36 lb.in

1) Max. Rated fuse size for 6-pole switch disconnecter

2) Not available as 8-pole switch disconnecter

OT Plus Switch disconnectors

Technical data UL 6- and 8- pole switches

TECHNICAL DATA UL

				OT16G1 OT20G1 ³⁾	OT25G1 OT30G1 ³⁾	OT40G1	OT50G1 ³⁾ OT63G1	OT63G2				
Frame size				G1	G1	G1	G1	G2				
Approval Compliance								UL 60947-4-1 CSA C22.2 No.14				
File no.												
Max. Operating voltage				600 V	600 V	600 V	600 V	600 V				
General purpose amp rating		pf = 0.7...0.8		20 A	30 A	40 A	50 A	63 A				
Max. Horsepower rating / motor FLA current		pf = 0.4...0.5		120 V	5 hp/ 30.4 A							
				Three phase	208 V	5 hp/16.7 A	7.5 hp/24.2 A	10 hp/30.8 A	10 hp/30.8 A	15 hp/46.2 A		
				240 V	5 hp/15.2 A	7.5 hp/22 A	10 hp/28 A	10 hp/28 A	15 hp/42 A			
				480 V	10 hp/14 A	15 hp/21 A	20 hp/27 A	25 hp/34 A	30 hp/40 A			
				600 V	10 hp/11 A	20 hp/22 A	25 hp/27 A	30 hp/32 A	30 hp/32 A			
		Single phase		120 V	1 hp/16 A	1.5 hp/20 A	2 hp/24 A	2 hp/24 A	2 hp/24 A			
				208 V	2 hp/14 A	3 hp/20 A	5 hp/31 A	5 hp/31 A	7.5 hp/44 A			
				240 V	2 hp/12 A	3 hp/17 A	5 hp/28 A	5 hp/28 A	7.5 hp/40 A			
				480 V	5 hp/14 A	7.5 hp/21 A	10 hp/26 A	10 hp/26 A	15 hp/34 A			
				600 V	7.5 hp/16 A	10 hp/20 A	15 hp/ 27 A	15 hp/27 A	15 hp/27 A			
Short circuit rating with fuse		Maximum fuse size		60 A	60 A	60 A	60 A	100 A	150 A			
				Fuse type		J	100 kA	100 kA	100 kA	100 kA	100 kA	
						T	100 kA	100 kA	100 kA	100 kA	100 kA	
						RK5	1-phase	5 kA	5 kA	5 kA	5 kA	5 kA
						RK5	3-phase	5 kA	5 kA	5 kA	5 kA	5 kA
Rated amp rating in DC applications		250Vdc 2-Pole connection										
Min. electrical endurance, pf = 0.75...0.8		electrical operations		6.000	6.000	6.000	6.000	6.000				
Divide by two for operation cycles		mechanical operations		200.000	200.000	200.000	200.000	200.000				
Terminal lugs				integrated	integrated	integrated	integrated	integrated				
Wire range Copper		Single stranded		16-6 AWG	16-6 AWG	16-6 AWG	16-6 AWG	16-2 AWG				
		Single solid		18-10 AWG	18-10 AWG	18-10 AWG	18-10 AWG	16-10 AWG				
		Double stranded	(2x)	16-10 AWG	16-10 AWG	16-10 AWG	16-10 AWG	16-8 AWG				
		Double solid	(2x)	18-10 AWG	18-10 AWG	18-10 AWG	18-10 AWG	16-10 AWG				
Terminal tightening torque		Counter torque required		13 lb.in	13 lb.in	13 lb.in	13 lb.in	18 lb.in				
				1.5 Nm	1.5 Nm	1.5 Nm	1.5 Nm	2 Nm				
Weight without accessories		6-pole		0,58 lbs	0,58 lbs	0,58 lbs	0,58 lbs	1.24 lbs				
		8-pole		0.71 lbs	0.71 lbs	0.71 lbs	0.71 lbs	1.55 lbs				
Operating torque		6-pole switch disconnector		27 lb.in	27 lb.in	27 lb.in	27 lb.in	36 lb.in				
				3Nm	3Nm	3Nm	3Nm	4 Nm				
Technical data according to IEC 60947-3				OT16G1-	OT25G1-	OT40G1-	OT63G1-	OT63G2-				

1) 75°C cable. 6-pole switches 80A

2) 75°C cable. 8-pole 73A

3) type designation tailored specifically for North American UL market

TECHNICAL DATA UL

					OT80G2	OT30G3	OT60G3	OT100G3
Frame size					G2	G3	G3	G3
Approval Compliance					UL 60947-4-1 CSA C22.2 No.14		UL98 CSA C22.2 No.4	
File no.					E63822		E101914	
Max. Operating voltage					600 V		600 V	
General purpose amp rating					80 A 1) 2)		60 A	
Max. Horsepower rating / motor FLA current	pf = 0.7...0.8	120 V	5 hp/30.4 A		5 hp/30.4 A	7.5 hp/44 A	10 hp/56 A	
		Three phase	208 V	20 hp/59.4 A				
			240 V	20 hp/54 A		10 hp/28 A	20 hp/54 A	
			480 V	40 hp/52 A		20 hp/27 A	40 hp/52 A	
	Single phase		600 V	40 hp/41 A		30 hp/32 A	50 hp/52 A	
			120 V	2 hp/24 A		2 hp/24 A	3 hp/ 34 A	
			208 V	10 hp/55 A			5 hp/56 A	
			240 V	10 hp/50 A		5 hp/28 A	7.5 hp/40 A	
			480 V	20 hp/44 A		10 hp/26 A	15 hp/34 A	
			600 V	20 hp/39 A		15 hp/27 A	25 hp/44 A	
Short circuit rating with fuse					Maximum fuse size		100 A 150 A	
					Fuse type		J	
							T	
					RK5		1-phase	
					RK5		3-phase	
Rated amp rating in DC applications					250Vdc 2-Pole connection		30 A	60 A
Min. electrical endurance, pf = 0.75...0.8					electrical operations		6.000	6.000
Divide by two for operation cycles					mechanical operations		200.000	200.000
Terminal lugs					integrated		integrated	integrated
Wire range Copper					Single stranded		16-2 AWG	12-2/0 AWG
					Single solid		16-10 AWG	12-10 AWG
					Double stranded (2x)		16-8 AWG	12-4 AWG
					Double solid (2x)		16-10 AWG	12-4 AWG
Terminal tightening torque					Counter torque required		18 lb.in	53 lb.in
							53 lb.in	53 lb.in
							6 Nm	6 Nm
Weight without accessories					6-pole		1.24 lbs	1.93 lbs
					8-pole		1.55 lbs	2.43 lbs
Operating torque					6-pole switch disconnect		36 lb.in	36 lb.in
							36 lb.in	36 lb.in
							4 Nm	4 Nm
Technical data according to IEC 60947-3					OT80G2-		OT63G3-	OT100G3-



OT Plus Switch disconnectors

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OT Plus Switch disconnectors

Ordering information

POWER DISTRIBUTION

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

IEC60947-3.

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front. External operating handle and shaft are not included.

M-type switches are suitable for DIN panel mounting including DIN adapter.

OPERATIONAL VOLTAGE: <415VAC

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Rated operational currents AC21A/AC22A <415VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
 OT16...63G1-3MS	3	16	0.75...16	16/16	G1	OT16G1-3MS	1SCA163366R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4MSN2	1SCA163385R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3MS	1SCA163427R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4MSN2	1SCA163446R1001	10
	3	40	0.75...16	40/40	G1	OT40G1-3MS	1SCA163488R1001	10
	4	40	0.75...16	40/40	G1	OT40G1-4MSN2	1SCA163507R1001	10
 OT16...63G1-4MSN2	3	63	0.75...16	63/63	G1	OT63G1-3MS	1SCA163528R1001	10
	4	63	0.75...16	63/63	G1	OT63G1-4MSN2	1SCA163539R1001	10
	3	16	0.75...16	16/16	G1	OT16G1-3BS	1SCA163356R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4BSN2	1SCA163375R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3BS	1SCA163417R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4BSN2	1SCA163436R1001	10
 OT16...63G1-3BS	3	40	0.75...16	40/40	G1	OT40G1-3BS	1SCA163478R1001	10
	4	40	0.75...16	40/40	G1	OT40G1-4BSN2	1SCA163497R1001	10
	3	63	0.75...16	63/63	G1	OT63G1-3BS	1SCA163523R1001	10
	4	63	0.75...16	63/63	G1	OT63G1-4BSN2	1SCA163534R1001	10
	3	63	1.5...35	63/63	G2	OT63G2-3BS	1SCA162548R1001	10
	4	63	1.5...35	63/63	G2	OT63G2-4BSN2	1SCA162559R1001	10
 OT16...63G1-4BSN2	3	80	1.5...35	80/80	G2	OT80G2-3BS	1SCA162549R1001	10
	4	80	1.5...35	80/80	G2	OT80G2-4BSN2	1SCA162561R1001	10
	3	100	1.5...35	100/100	G2	OT100G2-3BS	1SCA162547R1001	10
	4	100	1.5...35	100/100	G2	OT100G2-4BSN2	1SCA162557R1001	10
	3	100	2.5...70	100/100	G3	OT100G3-3BS	1SCA162507R1001	10
	4	100	2.5...70	100/100	G3	OT100G3-4BSN2	1SCA162513R1001	10
 OT63...100G2-3BS	3	125	2.5...70	125/125	G3	OT125G3-3BS	1SCA162521R1001	10
	4	125	2.5...70	125/125	G3	OT125G3-4BSN2	1SCA162526R1001	10
	3	160	2.5...70	160/160	G3	OT160G3-3BS	1SCA162522R1001	10
	4	160	2.5...70	160/160	G3	OT160G3-4BSN2	1SCA162528R1001	10

Four pole switches also available with neutral to left N1 (example OT125G3-4BSN1)

OT Plus Switch disconnectors

Ordering information

MOTOR LOADS
FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.
IEC60947-3.
Including padlockable direct mounted handle, and protected terminal clamps IP20 from front. External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: <415VAC

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Max.motor output/ AC23A <415VAC	Frame size	Type	Order code	MOQ
		A	mm²	A/kW				
 OT63...100G2-4BSN2	3	16	0.75...16	16/7.5	G1	OT16G1-3MS	1SCA163366R1001	10
	4	16	0.75...16	16/7.5	G1	OT16G1-4MSN2	1SCA163385R1001	10
	3	25	0.75...16	25/11	G1	OT25G1-3MS	1SCA163427R1001	10
	4	25	0.75...16	25/11	G1	OT25G1-4MSN2	1SCA163446R1001	10
	3	40	0.75...16	40/22	G1	OT40G1-3MS	1SCA163488R1001	10
	4	40	0.75...16	40/22	G1	OT40G1-4MSN2	1SCA163507R1001	10
 OT100...160G3-3BS	3	16	0.75...16	16/7.5	G1	OT16G1-3BS	1SCA163356R1001	10
	4	16	0.75...16	16/7.5	G1	OT16G1-4BSN2	1SCA163375R1001	10
	3	25	0.75...16	25/11	G1	OT25G1-3BS	1SCA163417R1001	10
	4	25	0.75...16	25/11	G1	OT25G1-4BSN2	1SCA163436R1001	10
	3	40	0.75...16	40/22	G1	OT40G1-3BS	1SCA163478R1001	10
	4	40	0.75...16	40/22	G1	OT40G1-4BSN2	1SCA163497R1001	10
 OT100...160G3-4BSN2	3	63	1.5...35	63/30	G2	OT63G2-3BS	1SCA162548R1001	10
	4	63	1.5...35	63/30	G2	OT63G2-4BSN2	1SCA162559R1001	10
	3	80	1.5...35	80/37	G2	OT80G2-3BS	1SCA162549R1001	10
	4	80	1.5...35	80/37	G2	OT80G2-4BSN2	1SCA162561R1001	10
	3	100	2.5...70	100/45	G3	OT100G3-3BS	1SCA162507R1001	10
	4	100	2.5...70	100/45	G3	OT100G3-4BSN2	1SCA162513R1001	10
	3	125	2.5...70	125/55	G3	OT125G3-3BS	1SCA162521R1001	10
	4	125	2.5...70	125/55	G3	OT125G3-4BSN2	1SCA162526R1001	10

Four pole switches also available with neutral to left N1 (example OT125G3-4BSN1)

OT Plus Switch disconnectors

Ordering information

POWER DISTRIBUTION

DOOR MOUNTED SWITCH DISCONNECTORS, WITH SCREW TERMINALS. IEC60947-3

Including protected terminal clamps IP20 from front. External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: <415VAC

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Rated operational currents AC21A/AC22A <415VAC	Frame size	Type	Order code	MOQ
		A	mm²	A				
 OT16...63G1-3DS	3	16	0.75...16	16/16	G1	OT16G1-3DS	1SCA163361R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4DSN2	1SCA163380R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3DS	1SCA163422R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4DSN2	1SCA163441R1001	10
	3	40	0.75...16	40/40	G1	OT40G1-3DS	1SCA163483R1001	10
 OT16...63G1-4DSN2	4	40	0.75...16	40/40	G1	OT40G1-4DSN2	1SCA163502R1001	10
	3	63	0.75...16	63/63	G1	OT63G1-3DS	1SCA163526R1001	10
	4	63	0.75...16	63/63	G1	OT63G1-4DSN2	1SCA163537R1001	10
	3	63	1.5...35	63/63	G2	OT63G2-3DS	1SCA162567R1001	10
	4	63	1.5...35	63/63	G2	OT63G2-4DSN2	1SCA162568R1001	10
 OT63...100G2-3DS	3	80	1.5...35	80/80	G2	OT80G2-3DS	1SCA162569R1001	10
	4	80	1.5...35	80/80	G2	OT80G2-4DSN2	1SCA162570R1001	10
	3	100	1.5...35	100/100	G2	OT100G2-3DS	1SCA162565R1001	10
	4	100	1.5...35	100/100	G2	OT100G2-4DSN2	1SCA162566R1001	10
	3	100	2.5...70	100/100	G3	OT100G3-3DS	1SCA162515R1001	10
 OT63...100G2-4DSN2	4	100	2.5...70	100/100	G3	OT100G3-4DSN2	1SCA162518R1001	10
	3	125	2.5...70	125/125	G3	OT125G3-3DS	1SCA162531R1001	10
	4	125	2.5...70	125/125	G3	OT125G3-4DSN2	1SCA162535R1001	10
	3	160	2.5...70	160/160	G3	OT160G3-3DS	1SCA162532R1001	10
	4	160	2.5...70	160/160	G3	OT160G3-4DSN2	1SCA162536R1001	10

Four pole switches also available with neutral to left N1 (example OT125G3-4BSN1)

OT Plus Switch disconnectors

Ordering information

MOTOR LOADS
DOOR MOUNTED SWITCH DISCONNECTORS, WITH SCREW TERMINALS. IEC60947-3
Including protected terminal clamps IP20 from front. External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: <415VAC

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Max.motor output/ AC23A <415VAC	Frame size	Type	Order code	MOQ
		A	mm²	A/kW				
 OT100...160G3-3DS	3	16	0.75...16	16/7,5	G1	OT16G1-3DS	1SCA163361R1001	10
	4	16	0.75...16	16/7,5	G1	OT16G1-4DSN2	1SCA163380R1001	10
	3	25	0.75...16	25/11	G1	OT25G1-3DS	1SCA163422R1001	10
	4	25	0.75...16	25/11	G1	OT25G1-4DSN2	1SCA163441R1001	10
	3	40	0.75...16	40/22	G1	OT40G1-3DS	1SCA163483R1001	10
	4	40	0.75...16	40/22	G1	OT40G1-4DSN2	1SCA163502R1001	10
 OT100...160G3-4DSN2	3	63	1.5...35	63/30	G2	OT63G2-3DS	1SCA162567R1001	10
	4	63	1.5...35	63/30	G2	OT63G2-4DSN2	1SCA162568R1001	10
	3	80	1.5...35	80/37	G2	OT80G2-3DS	1SCA162569R1001	10
	4	80	1.5...35	80/37	G2	OT80G2-4DSN2	1SCA162570R1001	10
	3	100	2.5...70	100/45	G3	OT100G3-3DS	1SCA162515R1001	10
	4	100	2.5...70	100/45	G3	OT100G3-4DSN2	1SCA162518R1001	10
	3	125	2.5...70	125/55	G3	OT125G3-3DS	1SCA162531R1001	10
	4	125	2.5...70	125/55	G3	OT125G3-4DSN2	1SCA162535R1001	10

Four pole switches also available with neutral to left N1 (example OT125G3-4BSN1)

OT Plus Switch disconnectors

Ordering information

QUICK-SPRING TERMINALS

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SPRING TERMINALS. IEC60947-3

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.

External operating handle and shaft are not included. M-type switches are suitable for DIN panel mounting including DIN adapter

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC22A/AC23A <415VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	16	1.5...10	16/16	G1	OT16G1-3MQ	1SCA163363R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4MQN2	1SCA163382R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3MQ	1SCA163424R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4MQN2	1SCA163443R1001	10
OT16...40G1-3MQ	3	40	1.5...10	40/40	G1	OT40G1-3MQ	1SCA163485R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4MQN2	1SCA163504R1001	10
	3	16	1.5...10	16/16	G1	OT16G1-3BQ	1SCA163353R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4BQN2	1SCA163369R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3BQ	1SCA163414R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4BQN2	1SCA163430R1001	10
OT16...40G1-4MQN2	3	40	1.5...10	40/40	G1	OT40G1-3BQ	1SCA163475R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4BQN2	1SCA163491R1001	10
	3	16	1.5...10	16/16	G1	OT16G1-3BQ	1SCA163353R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4BQN2	1SCA163369R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3BQ	1SCA163414R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4BQN2	1SCA163430R1001	10
OT16...40G1-3BQ	3	40	1.5...10	40/40	G1	OT40G1-3BQ	1SCA163475R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4BQN2	1SCA163491R1001	10
	3	16	1.5...10	16/16	G1	OT16G1-3BQ	1SCA163353R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4BQN2	1SCA163369R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3BQ	1SCA163414R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4BQN2	1SCA163430R1001	10
OT16...40G1-4BQN2	3	40	1.5...10	40/40	G1	OT40G1-3BQ	1SCA163475R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4BQN2	1SCA163491R1001	10

DOOR MOUNTED SWITCH DISCONNECTORS, WITH SPRING TERMINALS. IEC60947-3

Including protected terminal clamps IP20 from front. External operating handle and shaft are not included.

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC22A/AC23A <415VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	16	1.5...10	16/16	G1	OT16G1-3DQ	1SCA163359R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4DQN2	1SCA163378R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3DQ	1SCA163420R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4DQN2	1SCA163439R1001	10
OT16...40G1-3DQ	3	40	1.5...10	40/40	G1	OT40G1-3DQ	1SCA163481R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4DQN2	1SCA163500R1001	10
	3	16	1.5...10	16/16	G1	OT16G1-3DQ	1SCA163359R1001	10
	4	16	1.5...10	16/16	G1	OT16G1-4DQN2	1SCA163378R1001	10
	3	25	1.5...10	25/25	G1	OT25G1-3DQ	1SCA163420R1001	10
	4	25	1.5...10	25/25	G1	OT25G1-4DQN2	1SCA163439R1001	10
OT16...40G1-4DQN2	3	40	1.5...10	40/40	G1	OT40G1-3DQ	1SCA163481R1001	10
	4	40	1.5...10	40/40	G1	OT40G1-4DQN2	1SCA163500R1001	10

OT Plus Switch disconnectors

Ordering information

POWER DISTRIBUTION AND MOTOR LOADS

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

IEC60947-3

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.

External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: 690 VAC

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC22A/AC23A 690 VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	16	0.75...16	16/16	G1	OT16G1-3MS	1SCA163366R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4MSN2	1SCA163385R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3MS	1SCA163427R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4MSN2	1SCA163446R1001	10
OT16...63G1-3BS	3	40	0.75...16	40/25	G1	OT40G1-3MS	1SCA163488R1001	10
	4	40	0.75...16	40/25	G1	OT40G1-4MSN2	1SCA163507R1001	10
	3	16	0.75...16	16/16	G1	OT16G1-3BS	1SCA163356R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4BSN2	1SCA163375R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3BS	1SCA163417R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4BSN2	1SCA163436R1001	10
OT16...63G1-4BSN2	3	40	0.75...16	40/25	G1	OT40G1-3BS	1SCA163478R1001	10
	4	40	0.75...16	40/25	G1	OT40G1-4BSN2	1SCA163497R1001	10
	3	63	1.5...35	63/32	G2	OT63G2-3BS	1SCA162548R1001	10
	4	63	1.5...35	63/32	G2	OT63G2-4BSN2	1SCA162559R1001	10
	3	80	1.5...35	80/40	G2	OT80G2-3BS	1SCA162549R1001	10
	4	80	1.5...35	80/40	G2	OT80G2-4BSN2	1SCA162561R1001	10
OT63...100G2-3BS	3	63	2.5...70	63/50	G3	OT63G3-3BS	1SCA162508R1001	10
	4	63	2.5...70	63/50	G3	OT63G3-4BSN2	1SCA162571R1001	10
	3	80	2.5...70	80/50	G3	OT80G3-3BS	1SCA162509R1001	10
	4	80	2.5...70	80/50	G3	OT80G3-4BSN2	1SCA162572R1001	10
	3	100	2.5...70	100/63	G3	OT100G3-3BS	1SCA162507R1001	10
	4	100	2.5...70	100/63	G3	OT100G3-4BSN2	1SCA162513R1001	10
OT63...100G2-4BSN2	3	125	2.5...70	125/63	G3	OT125G3-3BS	1SCA162521R1001	10
	4	125	2.5...70	125/63	G3	OT125G3-4BSN2	1SCA162526R1001	10

POWER DISTRIBUTION

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

IEC60947-3

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.

External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: 800 VAC

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC21A/AC22A 800 VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	63	2.5...70	40/32	G3	OT63G3-3BS	1SCA162508R1001	10
	4	63	2.5...70	40/32	G3	OT63G3-4BSN2	1SCA162571R1001	10
	3	80	2.5...70	63/40	G3	OT80G3-3BS	1SCA162509R1001	10
	4	80	2.5...70	63/40	G3	OT80G3-4BSN2	1SCA162572R1001	10
OT100...160G3-3BS	3	100	2.5...70	80/63	G3	OT100G3-3BS	1SCA162507R1001	10
	4	100	2.5...70	80/63	G3	OT100G3-4BSN2	1SCA162513R1001	10
	3	125	2.5...70	80/63	G3	OT125G3-3BS	1SCA162521R1001	10
	4	125	2.5...70	80/63	G3	OT125G3-4BSN2	1SCA162526R1001	10
OT100...160G3-4BSN2								

OT Plus Switch disconnectors

Ordering information

POWER DISTRIBUTION AND MOTOR LOADS
DOOR MOUNTED SWITCH DISCONNECTORS, WITH SCREW TERMINALS. IEC60947-3
Including protected terminal clamps IP20 from front. External operating handle and shaft are not included.

OPERATIONAL VOLTAGE: 690 VAC

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Rated operational currents AC22A/AC23A 690 VAC	Frame size	Type	Order code	MOQ
		A	mm²	A				
 OT16...40G1-3DS	3	16	0.75...16	16/16	G1	OT16G1-3DS	1SCA163361R1001	10
	4	16	0.75...16	16/16	G1	OT16G1-4DSN2	1SCA163380R1001	10
	3	25	0.75...16	25/25	G1	OT25G1-3DS	1SCA163422R1001	10
	4	25	0.75...16	25/25	G1	OT25G1-4DSN2	1SCA163441R1001	10
	3	40	0.75...16	40/25	G1	OT40G1-3DS	1SCA163483R1001	10
	4	40	0.75...16	40/25	G1	OT40G1-4DSN2	1SCA163502R1001	10
 OT63...100G2-3DS	3	63	1.5...35	63/32	G2	OT63G2-3DS	1SCA162567R1001	10
	4	63	1.5...35	63/32	G2	OT63G2-4DSN2	1SCA162568R1001	10
	3	80	1.5...35	80/40	G2	OT80G2-3DS	1SCA162569R1001	10
	4	80	1.5...35	80/40	G2	OT80G2-4DSN2	1SCA162570R1001	10
	3	100	2.5...70	100/63	G3	OT100G3-3DS	1SCA162515R1001	10
	4	100	2.5...70	100/63	G3	OT100G3-4DSN2	1SCA162518R1001	10
 OT100...160G3-3DS	3	125	2.5...70	125/63	G3	OT125G3-3DS	1SCA162531R1001	10
	4	125	2.5...70	125/63	G3	OT125G3-4DSN2	1SCA162535R1001	10

OT Plus Switch disconnectors

Ordering information

BULK PACKING WITHOUT INDIVIDUAL PACKAGE

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS. IEC60947-3

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.

External operating handle and shaft are not included.

Order multiples of the minimum order quantity (MOQ). Each package includes 32, 40 or 48pcs without individual package.

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC22A/AC23A <415 VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	16	0.75...16	16/16	G1	OT16G1-3BS/48	1SCA164138R1001	48
	4	16	0.75...16	16/16	G1	OT16G1-4BSN2/48	1SCA164142R1001	48
	3	25	0.75...16	25/25	G1	OT25G1-3BS/48	1SCA164148R1001	48
	4	25	0.75...16	25/25	G1	OT25G1-4BSN2/48	1SCA164151R1001	48
	3	40	0.75...16	40/40	G1	OT40G1-3BS/48	1SCA164156R1001	48
	4	40	0.75...16	40/40	G1	OT40G1-4BSN2/48	1SCA164160R1001	48
	3	63	0.75...16	63/40	G1	OT63G1-3BS/48	1SCA164165R1001	48
	4	63	0.75...16	63/40	G1	OT63G1-4BSN2/48	1SCA164169R1001	48
	3	63	1.5...35	63/63	G2	OT63G2-3BS/40	1SCA163851R1001	40
	4	63	1.5...35	63/63	G2	OT63G2-4BSN2/40	1SCA163852R1001	40
	3	80	1.5...35	80/80	G2	OT80G2-3BS/40	1SCA163853R1001	40
	4	80	1.5...35	80/80	G2	OT80G2-4BSN2/40	1SCA163854R1001	40
	3	100	1.5...35	100/80	G2	OT100G2-3BS/40	1SCA163841R1001	40
	4	100	1.5...35	100/80	G2	OT100G2-4BSN2/40	1SCA163842R1001	40
	3	100	2.5...70	100/100	G3	OT100G3-3BS/32	1SCA163843R1001	32
	4	100	2.5...70	100/100	G3	OT100G3-4BSN2/32	1SCA163844R1001	32
	3	125	2.5...70	125/125	G3	OT125G3-3BS/32	1SCA163845R1001	32
	4	125	2.5...70	125/125	G3	OT125G3-4BSN2/32	1SCA163846R1001	32
	3	160	2.5...70	160/125	G3	OT160G3-3BS/32	1SCA163847R1001	32
	4	160	2.5...70	160/125	G3	OT160G3-4BSN2/32	1SCA163848R1001	32

BULK PACKING WITHOUT INDIVIDUAL PACKAGE

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS. IEC60947-3

Including fixing ring for shaft mounting and protected terminal clamps IP20 from front. Direct or external operating handle and shaft are not included. Order multiples of the minimum order quantity (MOQ). Each package includes 32, 40 or 48pcs without individual package.

	Number of poles	Open air thermal current I_{th}	Copper cable cross section	Rated operational currents AC22A/AC23A <415 VAC	Frame size	Type	Order code	MOQ
		A	mm ²	A				
	3	16	0.75...16	16/16	G1	OT16G1-3BSU/48	1SCA164139R1001	48
	3	25	0.75...16	25/25	G1	OT25G1-3BSU/48	1SCA164149R1001	48
	3	40	0.75...16	40/40	G1	OT40G1-3BSU/48	1SCA164157R1001	48
	3	63	0.75...16	63/40	G1	OT63G1-3BSU/48	1SCA164166R1001	48
	3	63	1.5...35	63/63	G2	OT63G2-3BSU/40	1SCA163864R1001	40
	3	80	1.5...35	80/80	G2	OT80G2-3BSU/40	1SCA163865R1001	40
	3	100	1.5...35	100/80	G2	OT100G2-3BSU/40	1SCA163859R1001	40
	3	100	2.5...70	100/100	G3	OT100G3-3BSU/32	1SCA163860R1001	32
	3	125	2.5...70	125/125	G3	OT125G3-3BSU/32	1SCA163861R1001	32

Ordering information

FRONT OPERATED SWITCH DISCONNECTORS. BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

External operating handle and shaft are not included.

UL60947-4-1 - OPERATIONAL VOLTAGE: <600 VAC

1) type designation tailored specifically for North American UL market

UL98 - OPERATIONAL VOLTAGE: <600 VAC

[illegible]

Ordering information

DOOR MOUNTED SWITCH DISCONNECTORS, WITH SCREW TERMINALS.

External operating handle and shaft are not included.

UL60947-4-1 - OPERATIONAL VOLTAGE: <600 VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				HP	HP	HP				
 OT16...63G1-3DS	3	20	18...6	5	10	10	G1	OT16G1-3DS	1SCA163361R1001	10
	4	20	18...6	5	10	10	G1	OT16G1-4DSN2	1SCA163380R1001	10
	3	20	18...6	5	10	10	G1	OT20G1-3DS 1)	1SCA163396R1001	10
	4	20	18...6	5	10	10	G1	OT20G1-4DSN2 1)	1SCA163412R1001	10
	3	30	18...6	7.5	15	20	G1	OT25G1-3DS	1SCA163422R1001	10
	4	30	18...6	7.5	15	20	G1	OT25G1-4DSN2	1SCA163441R1001	10
 OT63...100G2-3DS	3	30	18...6	7.5	15	20	G1	OT30G1-3DS 1)	1SCA163457R1001	10
	4	30	18...6	7.5	15	20	G1	OT30G1-4DSN2 1)	1SCA163473R1001	10
	3	40	18...6	10	20	25	G1	OT40G1-3DS	1SCA163483R1001	10
	4	40	18...6	10	20	25	G1	OT40G1-4DSN2	1SCA163502R1001	10
	3	50	18...6	10	25	30	G1	OT50G1-3DS 1)	1SCA163513R1001	10
	4	50	18...6	10	25	30	G1	OT50G1-4DSN2 1)	1SCA163521R1001	10
 OT63...100G2-4DSN2	3	50	18...6	10	25	30	G1	OT63G1-3DS	1SCA163526R1001	10
	4	50	18...6	10	25	30	G1	OT63G1-4DSN2	1SCA163537R1001	10
	3	63	16...2	15	30	30	G2	OT63G2-3DS	1SCA162567R1001	10
	4	63	16...2	15	30	30	G2	OT63G2-4DSN2	1SCA162568R1001	10
	3	80	16...2	20	40	40	G2	OT80G2-3DS	1SCA162569R1001	10
	4	80	16...2	20	40	40	G2	OT80G2-4DSN2	1SCA162570R1001	10

1) type designation tailored specifically for North American UL market

UL98 - OPERATIONAL VOLTAGE: <600 VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				A	AWG	HP				
	3	30	12...2/0	10	20	30	G3	OT30G3-3DS	1SCA162533R1001	10
	4	30	12...2/0	10	20	30	G3	OT30G3-4DSN2	1SCA162537R1001	10
	3	60	12...2/0	20	40	50	G3	OT60G3-3DS	1SCA162534R1001	10
	4	60	12...2/0	20	40	50	G3	OT60G3-4DSN2	1SCA162538R1001	10
	3	100	12...2/0	30	50	60	G3	OT100G3-3DS	1SCA162515R1001	10
	4	100	12...2/0	30	50	60	G3	OT100G3-4DSN2	1SCA162518R1001	10
	OT30...100G3-4DSN2									

OT Plus Switch disconnectors

Ordering information

UL60947-4-1 QUICK-SPRING TERMINALS

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SPRING TERMINALS.

Including padlockable direct mounted handle, and finger proof terminal clamps from front. External operating handle and shaft are not included. M-type switches are suitable for DIN panel mounting including DIN adapter

UL60947-4-1 - OPERATIONAL VOLTAGE: <600VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC 480 VAC 600 VAC						
				A	AWG	HP				
 OT16...63G1-3MQ	3	20	18...6	5	10	10	G1	OT16G1-3MQ	1SCA163363R1001	10
	4	20	18...6	5	10	10	G1	OT16G1-4MQN2	1SCA163382R1001	10
	3	20	18...6	5	10	10	G1	OT20G1-3MQ 1)	1SCA163398R1001	10
	3	30	18...6	7.5	15	20	G1	OT25G1-3MQ	1SCA163424R1001	10
	4	30	18...6	7.5	15	20	G1	OT25G1-4MQN2	1SCA163443R1001	10
 OT16...63G1-4MQN2	3	30	18...6	7.5	15	20	G1	OT30G1-3MQ 1)	1SCA163459R1001	10
	3	40	18...6	10	20	25	G1	OT40G1-3MQ	1SCA163485R1001	10
	4	40	18...6	10	20	25	G1	OT40G1-4MQN2	1SCA163504R1001	10
	3	20	18...6	5	10	10	G1	OT16G1-3BQ	1SCA163353R1001	10
	4	20	18...6	5	10	10	G1	OT16G1-4BQN2	1SCA163369R1001	10
 OT16...63G1-3BQ	3	20	18...6	5	10	10	G1	OT20G1-3BQ 1)	1SCA163388R1001	10
	3	20	18...6	5	10	10	G1	OT20G1-4BQN2 1)	1SCA163404R1001	10
	3	30	18...6	7.5	15	20	G1	OT25G1-3BQ	1SCA163414R1001	10
	4	30	18...6	7.5	15	20	G1	OT25G1-4BQN2	1SCA163430R1001	10
	3	30	18...6	7.5	15	20	G1	OT30G1-3BQ 1)	1SCA163449R1001	10
 OT16...63G1-4BQN2	3	30	18...6	7.5	15	20	G1	OT30G1-4BQN2 1)	1SCA163465R1001	10
	3	40	18...6	10	20	25	G1	OT40G1-3BQ	1SCA163475R1001	10
	4	40	18...6	10	20	25	G1	OT40G1-4BQN2	1SCA163491R1001	10

1) type designation tailored specifically for North American UL market

UL60947-4-1 QUICK-SPRING TERMINALS

DOOR MOUNTED SWITCH DISCONNECTORS, WITH SPRING TERMINALS.

Including finger proof protected terminal clamps from front. External operating handle and shaft are not included.

UL60947-4-1 - OPERATIONAL VOLTAGE: <600VAC

		Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
					240 VAC	480 VAC	600 VAC				
		A	AWG	HP	HP	HP					
 OT16...40G1-3DQ	3	20	18...6	5	10	10	G1	OT16G1-3DQ	1SCA163359R1001	10	
	4	20	18...6	5	10	10	G1	OT16G1-4DQN2	1SCA163378R1001	10	
	3	20	18...6	5	10	10	G1	OT20G1-3DQ 1)	1SCA163394R1001	10	
	3	30	18...6	7.5	15	20	G1	OT25G1-3DQ	1SCA163420R1001	10	
	4	30	18...6	7.5	15	20	G1	OT25G1-4DQN2	1SCA163439R1001	10	
 OT16...40G1-4DQN2	3	30	18...6	7.5	15	20	G1	OT30G1-3DQ 1)	1SCA163455R1001	10	
	3	40	18...6	10	20	25	G1	OT40G1-3DQ	1SCA163481R1001	10	
	4	40	18...6	10	20	25	G1	OT40G1-4DQN2	1SCA163500R1001	10	

1) type designation tailored specifically for North American UL market

OT Plus Switch disconnectors

Ordering information

UL60947-4-1 AND UL98

BULK PACKING WITHOUT INDIVIDUAL PACKAGE.

Front operated switch disconnectors, base and DIN-rail mounting with screw terminals. Including padlockable direct mounted handle, and protected terminal clamps IP20 from front. External operating handle and shaft are not included. Order multiples of the minimum order quantity (MOQ). Each package includes 32, 40 or 48pcs without individual package.

UL60947-4-1 - OPERATIONAL VOLTAGE <600VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				HP	HP	HP				
 OT16...63G1-3BS/48	3	20	18...6	5	10	10	G1	OT16G1-3BS/48	1SCA164138R1001	48
	3	20	18...6	5	10	10	G1	OT20G1-3BS/48 ¹⁾	1SCA164144R1001	48
	3	30	18...6	7.5	15	20	G1	OT25G1-3BS/48	1SCA164148R1001	48
	3	30	18...6	7.5	15	20	G1	OT30G1-3BS/48 ¹⁾	1SCA164152R1001	48
	3	40	18...6	10	20	25	G1	OT40G1-3BS/48	1SCA164156R1001	48
 OT63...100G2-3BS/40	3	50	18...6	10	25	30	G1	OT50G1-3BS/48 ¹⁾	1SCA164161R1001	48
	3	50	18...6	10	25	30	G1	OT63G1-3BS/48	1SCA164165R1001	48
	3	63	16...2	15	30	30	G2	OT63G2-3BS/40	1SCA163851R1001	40
	3	80	16...2	20	40	40	G2	OT80G2-3BS/40	1SCA163853R1001	40
	3	101	16...2	20	40	40	G2	OT100G2-3BS/40	1SCA163841R1001	40

1) type designation tailored specifically for North American UL market

BULK PACKING WITHOUT INDIVIDUAL PACKAGE.

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front. External operating handle and shaft are not included. Order multiples of the minimum order quantity (MOQ). Each package includes 32pcs without individual package.

UL98 - OPERATIONAL VOLTAGE: <600VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				HP	HP	HP				
 OT30...100G3-3BS/32	3	30	12...2/0	10	20	30	G3	OT30G3-3BS/32	1SCA163849R1001	32
	3	60	12...2/0	20	40	50	G3	OT60G3-3BS/32	1SCA163850R1001	32
	3	100	12...2/0	30	50	60	G3	OT100G3-3BS/32	1SCA163843R1001	32

OT Plus Switch disconnectors

Ordering information

BULK PACKING WITHOUT INDIVIDUAL PACKAGE.

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

Including fixing ring for shaft mounting and protected terminal clamps IP20 from front.

Direct or external operating handle and shaft are not included.

Order multiples of the minimum order quantity (MOQ). Each package includes 40 or 48pcs without individual package.

UL60947-4-1 - OPERATIONAL VOLTAGE <600VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				HP	HP	HP				
 OT16...63G1-3BSU/48	3	20	18...6	5	10	10	G1	OT16G1-3BSU/48	1SCA164139R1001	48
	3	20	18...6	5	10	10	G1	OT20G1-3BSU/48 ¹⁾	1SCA164145R1001	48
	3	30	18...6	7.5	15	20	G1	OT25G1-3BSU/48	1SCA164149R1001	48
	3	30	18...6	7.5	15	20	G1	OT30G1-3BSU/48 ¹⁾	1SCA164153R1001	48
	3	40	18...6	10	20	25	G1	OT40G1-3BSU/48	1SCA164157R1001	48
 OT63...100G2-3BSU/40	3	50	18...6	10	25	30	G1	OT50G1-3BSU/48 ¹⁾	1SCA164162R1001	48
	3	50	18...6	10	25	30	G1	OT63G1-3BSU/48	1SCA164166R1001	48
	3	63	16...2	15	30	30	G2	OT63G2-3BSU/40	1SCA163864R1001	40
	3	80	16...2	20	40	40	G2	OT80G2-3BSU/40	1SCA163865R1001	40
	3	80	16...2	20	40	40	G2	OT100G2-3BSU/40	1SCA163859R1001	40

1) type designation tailored specifically for North American UL market

FRONT OPERATED SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING WITH SCREW TERMINALS.

Including fixing ring for shaft mounting and protected terminal clamps IP20 from front.

Direct or external operating handle and shaft are not included.

Order multiples of the minimum order quantity (MOQ). Each package includes 32pcs without individual package.

UL98 - OPERATIONAL VOLTAGE: <600VAC

	Number of poles	General purpose amp rating	Copper wire range	Horsepower rating 3-phase			Frame size	Type	Order code	MOQ
				240 VAC	480 VAC	600 VAC				
				HP	HP	HP				
 OT30...100G3-3BSU/32	3	30	12...2/0	10	20	30	G3	OT30G3-3BSU/32	1SCA163862R1001	32
	3	60	12...2/0	20	40	50	G3	OT60G3-3BSU/32	1SCA163863R1001	32
	3	100	12...2/0	30	50	60	G3	OT100G3-3BSU/32	1SCA163860R1001	32

OT Plus Switch disconnectors

Ordering information

FRONT OPERATED 6- AND 8-POLE SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING. IEC60947-3

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.
External operating handle and shaft are not included.

	Number of poles	Open air thermal current I _{th}	Copper cable cross section	Rated operational currents AC22A/AC23A <415VAC	Frame size	Type	Order code
		A	mm ²	A			
 OT16...63G1-6BS	6	16	0.75...16	16/16	G1	OT16G1-6BS	1SCA163685R1001
	6	25	0.75...16	25/25	G1	OT25G1-6BS	1SCA163699R1001
	6	40	0.75...16	40/40	G1	OT40G1-6BS	1SCA163713R1001
	6	63	0.75...16	63/40	G1	OT63G1-6BS	1SCA163727R1001
 OT63...80G2-6BS	6	63	1.5...35	63/63	G2	OT63G2-6BS	1SCA162677R1001
	6	80	1.5...35	80/65	G2	OT80G2-6BS	1SCA162679R1001
	6	100	2.5...70	100/100	G3	OT100G3-6BS	1SCA162667R1001
	6	125	2.5...70	125/125	G3	OT125G3-6BS	1SCA162669R1001
	8	16	0.75...16	16/16	G1	OT16G1-8BS	1SCA163688R1001
	8	25	0.75...16	25/25	G1	OT25G1-8BS	1SCA163702R1001
 OT100...125G3-8BS	8	40	0.75...16	40/40	G1	OT40G1-8BS	1SCA163716R1001
	8	63	0.75...16	63/40	G1	OT63G1-8BS	1SCA163730R1001
	8	63	1.5...35	63/63	G2	OT63G2-8BS	1SCA162678R1001
	8	80	1.5...35	80/65	G2	OT80G2-8BS	1SCA162680R1001
	8	100	2.5...70	100/100	G3	OT100G3-8BS	1SCA162668R1001
	8	125	2.5...70	125/125	G3	OT125G3-8BS	1SCA162670R1001

FRONT OPERATED 6- AND 8-POLE SWITCH DISCONNECTORS, BASE AND DIN-RAIL MOUNTING. UL60947-4-1/UL98

Including padlockable direct mounted handle, and protected terminal clamps IP20 from front.
External operating handle and shaft are not included.

	Number of poles	General purpose amp rating	Copper wire range AWG	Horsepower rating 3-phase 240 VAC 480 VAC 600 VAC			Frame size	Type	Order code
				HP	HP	HP			
				HP	HP	HP			
 OT16...63G1-6BS	6	16	18...6	5	10	10	G1	OT16G1-6BS	1SCA163685R1001
	6	16	18...6	5	10	10	G1	OT20G1-6BS ¹⁾	1SCA163692R1001
	6	25	18...6	7.5	15	20	G1	OT25G1-6BS	1SCA163699R1001
	6	25	18...6	7.5	15	20	G1	OT30G1-6BS ¹⁾	1SCA163706R1001
 OT63...80G2-6BS	6	40	18...6	10	20	25	G1	OT40G1-6BS	1SCA163713R1001
	6	50	18...6	10	25	30	G1	OT50G1-6BS ¹⁾	1SCA163720R1001
	6	50	18...6	10	25	30	G1	OT63G1-6BS	1SCA163727R1001
	6	63	16...2	15	30	30	G2	OT63G2-6BS	1SCA162677R1001
	6	80	16...2	20	40	40	G2	OT80G2-6BS	1SCA162679R1001
	6	30	12...2/0	10	20	30	G3	OT30G3-6BS	1SCA162673R1001
 OT100...125G3-8BS	6	60	12...2/0	20	40	50	G3	OT60G3-6BS	1SCA162675R1001
	6	100	12...2/0	30	50	60	G3	OT100G3-6BS	1SCA162667R1001
	8	16	18...6	5	10	10	G1	OT16G1-8BS	1SCA163688R1001
	8	16	18...6	5	10	10	G1	OT20G1-8BS ¹⁾	1SCA163695R1001
	8	25	18...6	7.5	15	20	G1	OT25G1-8BS	1SCA163702R1001
	8	25	18...6	7.5	15	20	G1	OT30G1-8BS ¹⁾	1SCA163709R1001
	8	40	18...6	10	20	25	G1	OT40G1-8BS	1SCA163716R1001
	8	50	18...6	10	25	30	G1	OT50G1-8BS ¹⁾	1SCA163723R1001
	8	50	18...6	10	25	30	G1	OT63G1-8BS	1SCA163730R1001
	8	63	16...2	15	30	30	G2	OT63G2-8BS	1SCA162678R1001
	8	80	16...2	20	40	40	G2	OT80G2-8BS	1SCA162680R1001
	8	30	12...2/0	10	20	30	G3	OT30G3-8BS	1SCA162674R1001
	8	60	12...2/0	20	40	50	G3	OT60G3-8BS	1SCA162676R1001
	8	100	12...2/0	30	50	60	G3	OT100G3-8BS	1SCA162668R1001

1) type designation tailored specifically for North American UL market



Accessories

Accessories	
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Terminal clamp set	43
Busbar spreader set	43

Accessories for OT Plus Switch disconnectors

Ordering information

HANDLE KNOBS FOR BASE AND DIN-RAIL MOUNTED SWITCHES

Possible to be used together with shaft. Handle mounted directly on the switch.
Included in standard delivery.

	Suitable for	Frame size	Padlocking	Colour	Type	Order code	MOQ
 OH-B-G1	OT16G1-...OT63G1-	G1	Yes	Black	OH-B-G1	1SCA164206R1001	10
	OT16G1-...OT63G1-	G1	Yes	Red	OHR-G1	1SCA164209R1001	10
	OT63G2-...OT100G2-	G2	Yes	Black	OH-B-G3	1SCA022145R1001	10
	OT30G3-...OT160G3-	G3					
	OT63G2-...OT100G2-	G2	Yes	Red	OHR-G3	1SCA162599R1001	10
 OHR-G1	OT30G3-...OT160G3-	G3					
 OH-B-G3							
 OHR-G3							

Not possible to be used together with shaft. Handle mounted directly on the switch.

	Suitable for	Frame size	Padlocking	Colour	Type	Order code	MOQ
 OH-B-G3M	OT16G1-...OT63G1-	G1	Yes	Black	OH-B-G1M	1SCA164207R1001	10
	OT16G1-...OT63G1-	G1		Red	OHR-G1M	1SCA164211R1001	10
	OT63G2-...OT100G2-	G2	Yes	Black	OH-B-G3M	1SCA162791R1001	10
	OT30G3-...OT160G3-	G3					
	OT63G2-...OT100G2-	G2	Yes	Red	OHR-G3M	1SCA162789R1001	10
 OHR-G3M	OT30G3-...OT160G3-	G3					

AUXILIARY CONTACTS FOR OT PLUS SWITCH DISCONNECTORS OT16G1_...160G3_

Snap-on mounting to the side of the switch. Mountable on both sides of the switch.

Max. 2+2 contacts blocks (4NO + 4NC). All NO auxiliary contacts have early break function in any mountable position (NO auxiliary contact opens >20ms before main contacts). Contact numbering according to EN50013 included. $I_{th} = 16A$, cable cross section max. $2 \times 2.5mm^2$

	Suitable for	Frame size	Mounting	Function	Type	Order code	MOQ
 AUXGB-11 AUXGD-11	OT16G1-...OT63G1-_B_/M_	G1	DIN and Base	1NO + 1NC	AUXGB-11	1SCA162594R1001	10
	OT63G2-...OT100G2-_BS	G2					
	OT30G3-...OT160G3-_BS	G3					
	OT16G1-...OT63G1-_D_	G1	Door	1NO + 1NC	AUXGD-11	1SCA162595R1001	10
	OT63G2-...OT100G2-_DS	G2					
 AUXGM3-11	OT30G3-...OT160G3-_DS	G3					
	OT16G1-...OT63G1-_B_/M_	G1	Incl. DIN adapter	1NO + 1NC	AUXGM3-11	1SCA162790R1001	1
	OT63G2-...OT100G2-_BS	G2					
	OT30G3-...OT160G3-_BS	G3					

Accessories for OT Plus Switch disconnectors

Ordering information

TERMINAL SHROUDS FOR BASE, DIN-RAIL AND DOOR MOUNTED SWITCHES

Snap-on mounting, mountable on both sides of the switch. Suitable for both base and door mounted switches. IP2X from front.

	Suitable for	Frame size	Colour	Poles	Type	Order code	MOQ
 TSG3-1	OT16G1-...OT63G1-	G1	Transparent	1	TSG1-1	1SCA163875R1001	10
	OT16G1-...OT63G1-	G1	Transparent	3	TSG1-3	1SCA163876R1001	10
	OT63G2-...OT100G2-	G2	Transparent	1	TSG2-1	1SCA162604R1001	10
	OT63G2-...OT100G2-	G2	Transparent	3	TSG2-3	1SCA162605R1001	10
	OT30G3-...OT160G3-	G3	Transparent	1	TSG3-1	1SCA162606R1001	10
	OT30G3-...OT160G3-	G3	Transparent	3	TSG3-3	1SCA162607R1001	10
 TSG3-3							

RETROFIT ADAPTER PLATE FOR BASE MOUNTED OT30G3_...160G3_

Possible to use existing screw mounting holes of OT30...125F_ series switch disconnectors.

	Suitable for	Frame size	Retrofit adapter for	Type	Order code
 RFB-G3	OT30G3-...OT160G3-_BS	G3	OT30...60F_	RFB-G3	1SCA163120R1001
			OT100...125F_		

Accessories for OT Plus Switch disconnectors

Ordering information

TERMINAL CLAMP SET FOR AL- AND CU-CABLES

These terminal clamps allow for the use of aluminum cables and larger cables than can be fitted to standard switch terminals, utilizing the external connection terminals OZXT. 1 set incl. 3 pcs

	Suitable for	Frame size	Cable cross section	In	Type	Order code
			mm²	Cu/Al		
	OT63G2-...OT100G2-	G2	2.5...50 Cu / 16...50 Al	80A/75A	OZXT50	1SCA163566R1001
	OT30G3-...OT160G3-	G3				
	OT30G3-...OT160G3-	G3	16...95 Cu / 16...95 Al	230A/180A	OZXT95	1SCA163567R1001
	OT30G3-...OT160G3-	G3	2x(6...50 Cu) / 2x(16...50 Al)	320A/250A	OZXT2X50	1SCA163565R1001
						

BUSBAR SPREADER SET

Using the external connection busbar OZG3 allows for the connection of cable shoes or cable lugs to the switch terminals. 1 set incl. 3 pcs

	Suitable for	Frame size	Connection size	In	Type	Order code
	OT30G3-...OT160G3-	G3	M8	160A	OZG3-3	1SCA164533R1001

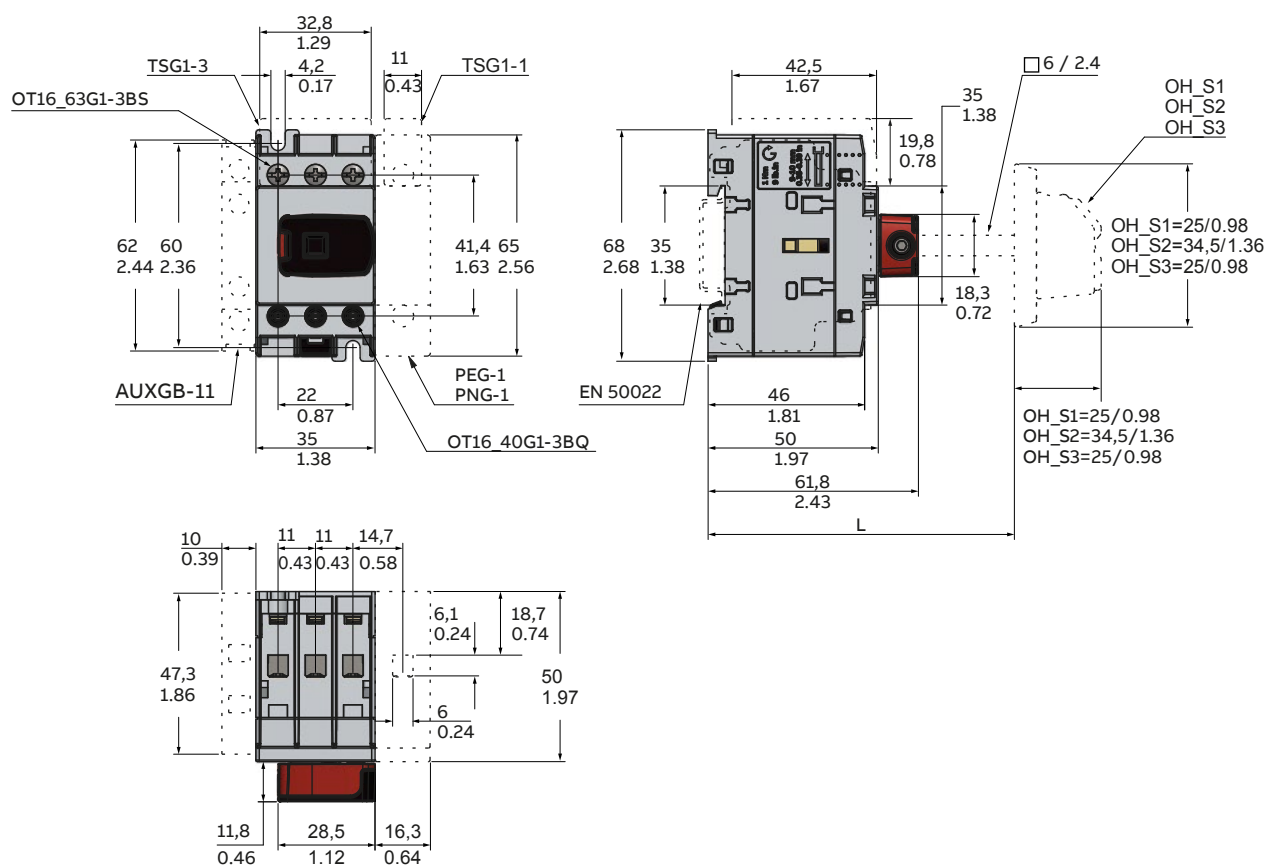


Dimensional drawings

Dimensional drawings	
OT16...63G1-3BS	46
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Dimensions

Front operated switch disconnectors, base and DIN-rail mounting with screw terminals

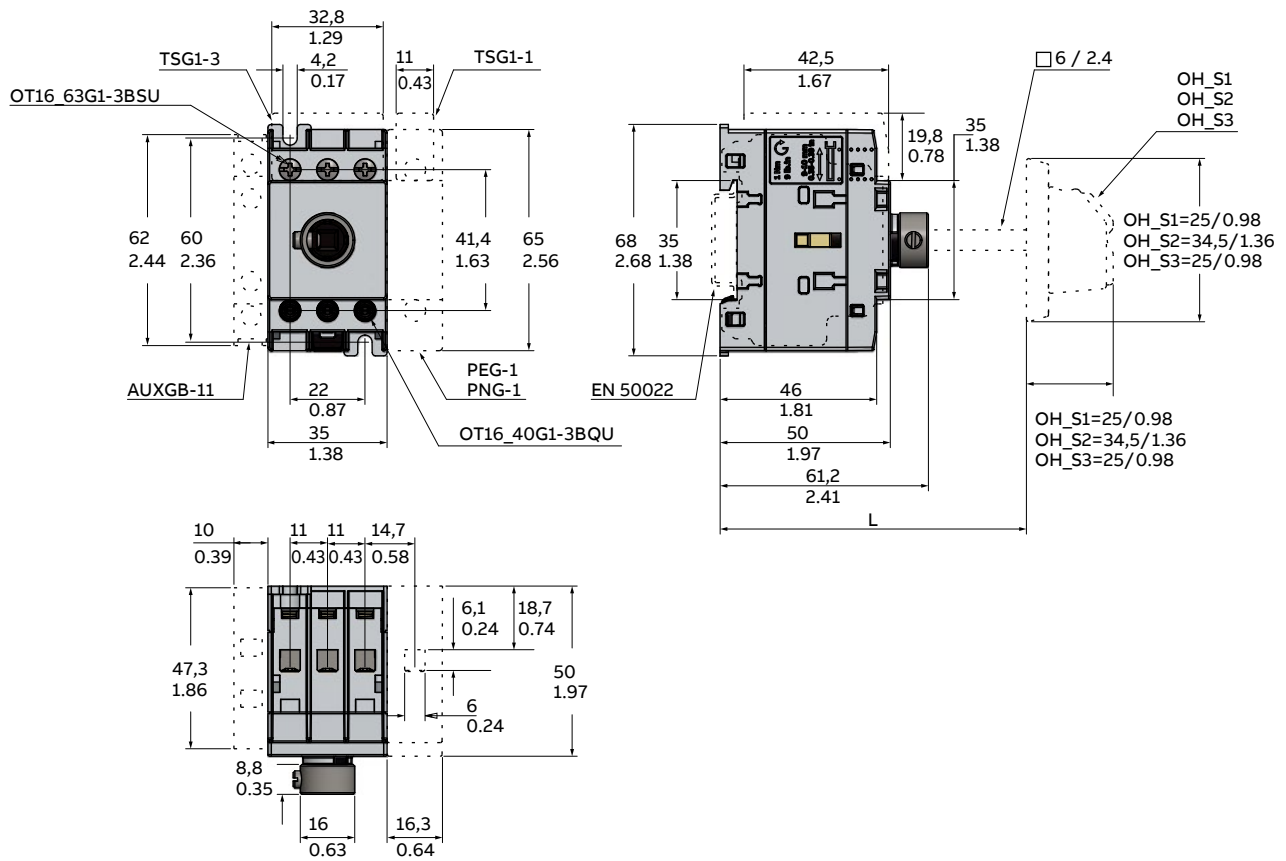


OT Plus Switch disconnectors

Dimensions

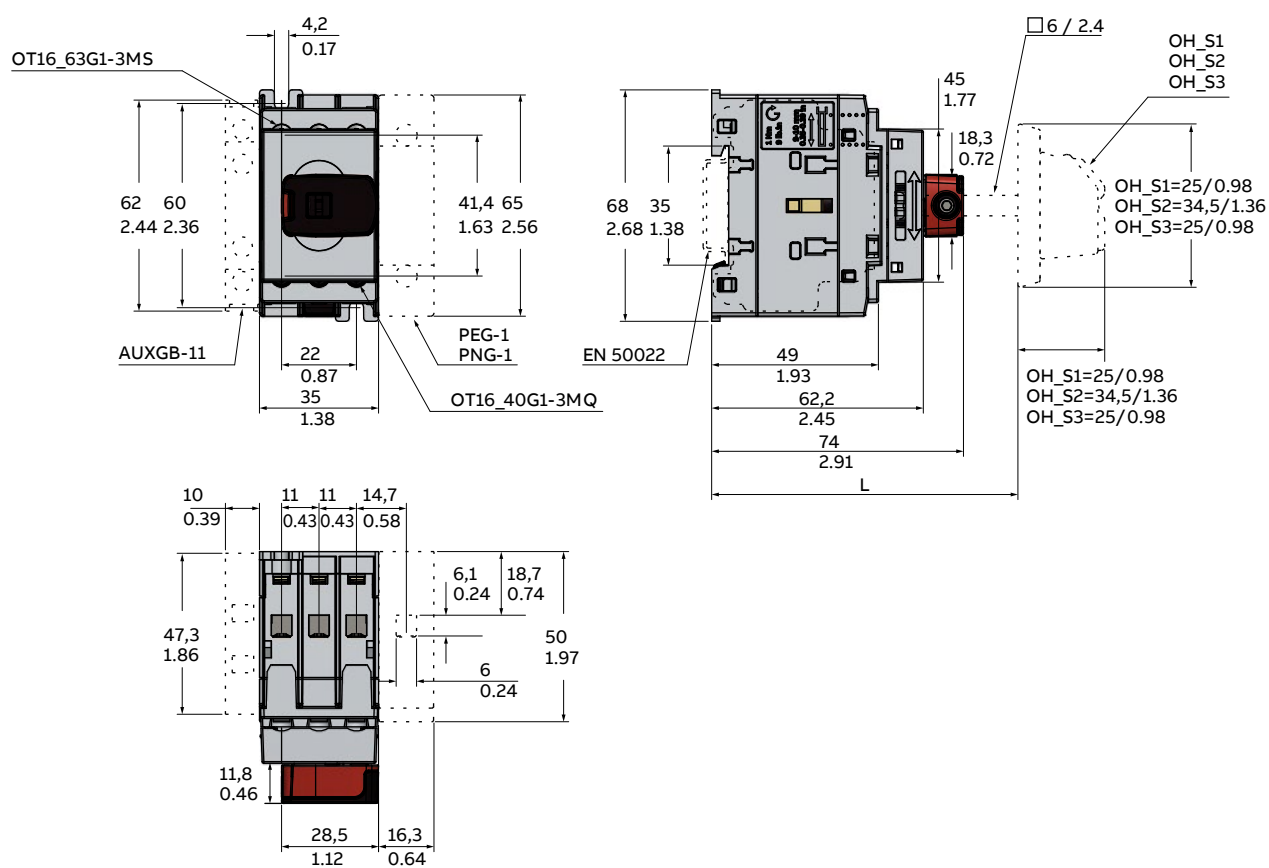
Door mounted switch disconnectors, with screw terminals

OT16...63G1-3BSU



Dimensions

Front operated switch disconnectors, base and DIN-rail mounting with screw terminals

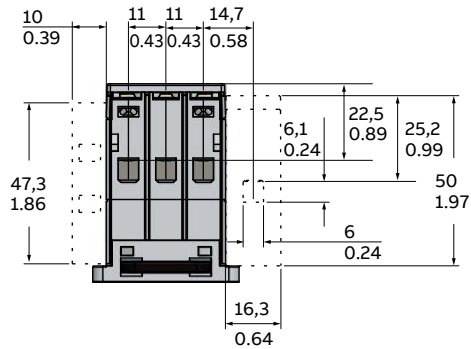
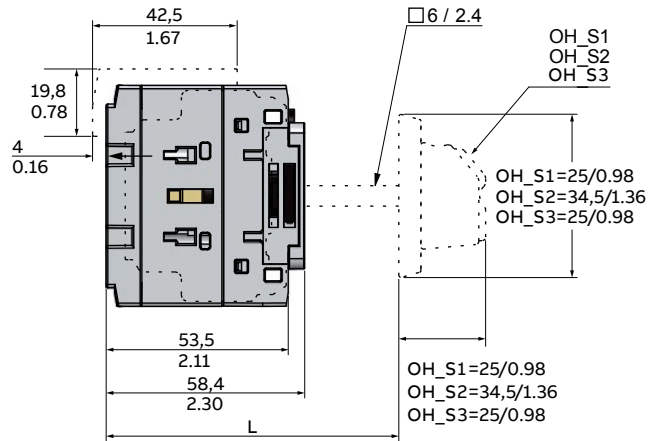
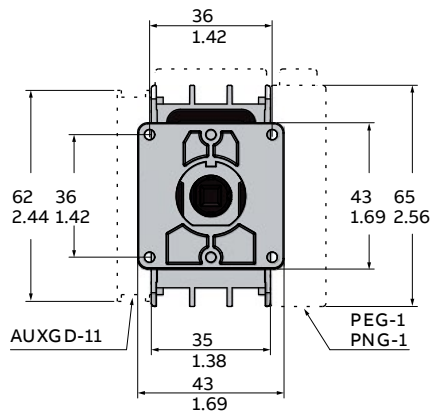


OT Plus Switch disconnectors

Dimensions

Door mounted switch disconnectors, with screw terminals

OT16...63G1-3DS



Dimensions

OT16...63G1-4BSN2

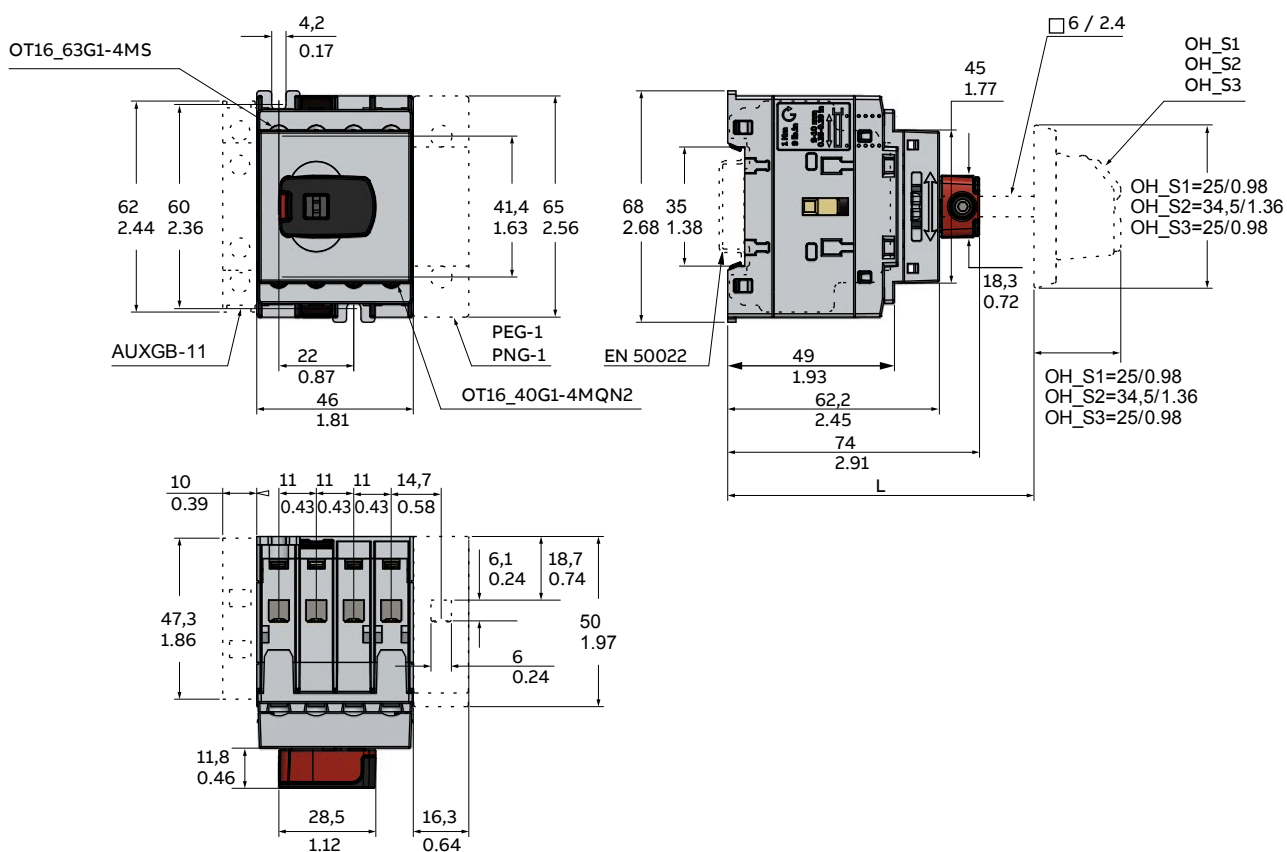


OT Plus Switch disconnectors

Dimensions

Front operated switch disconnectors, base and DIN-rail mounting with screw terminals

OT16...63G1-4MSN2

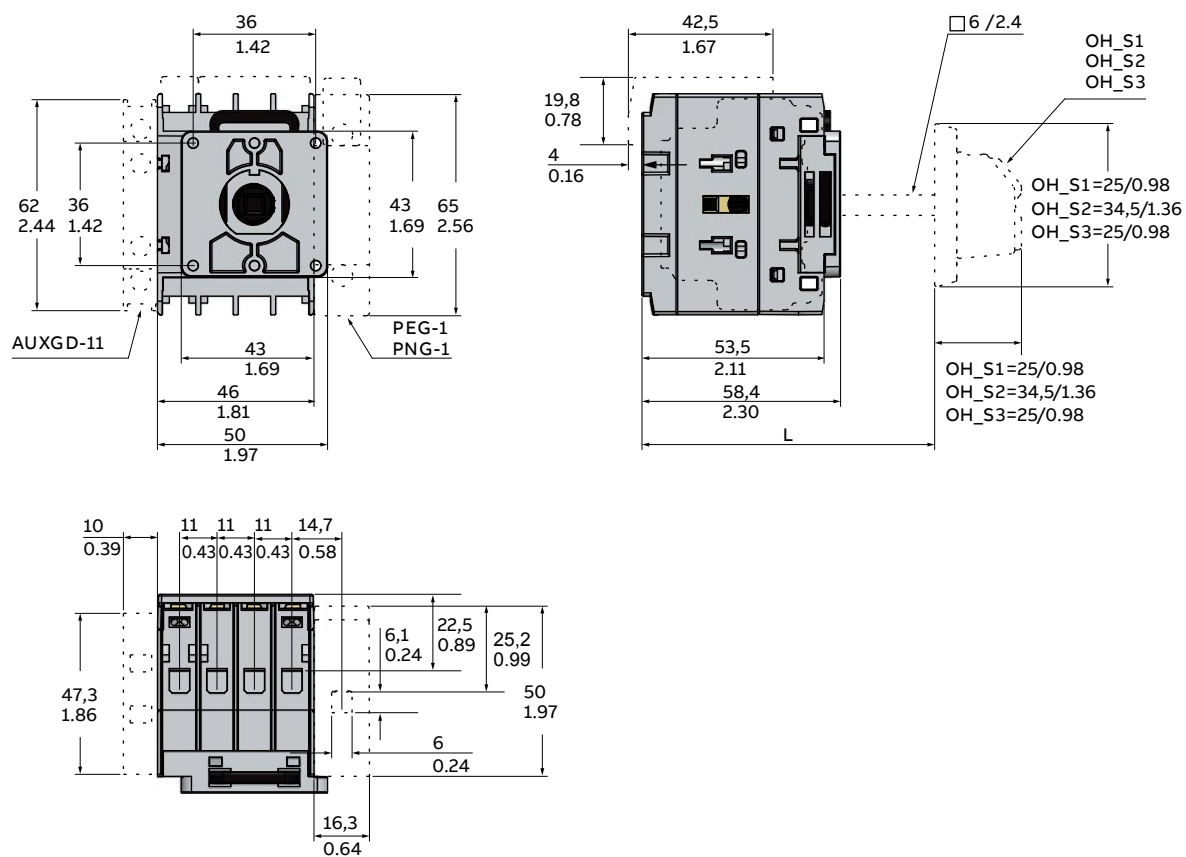


OT Plus Switch disconnectors

Dimensions

Door mounted switch disconnectors, with screw terminals

OT16...63G1-4DSN2

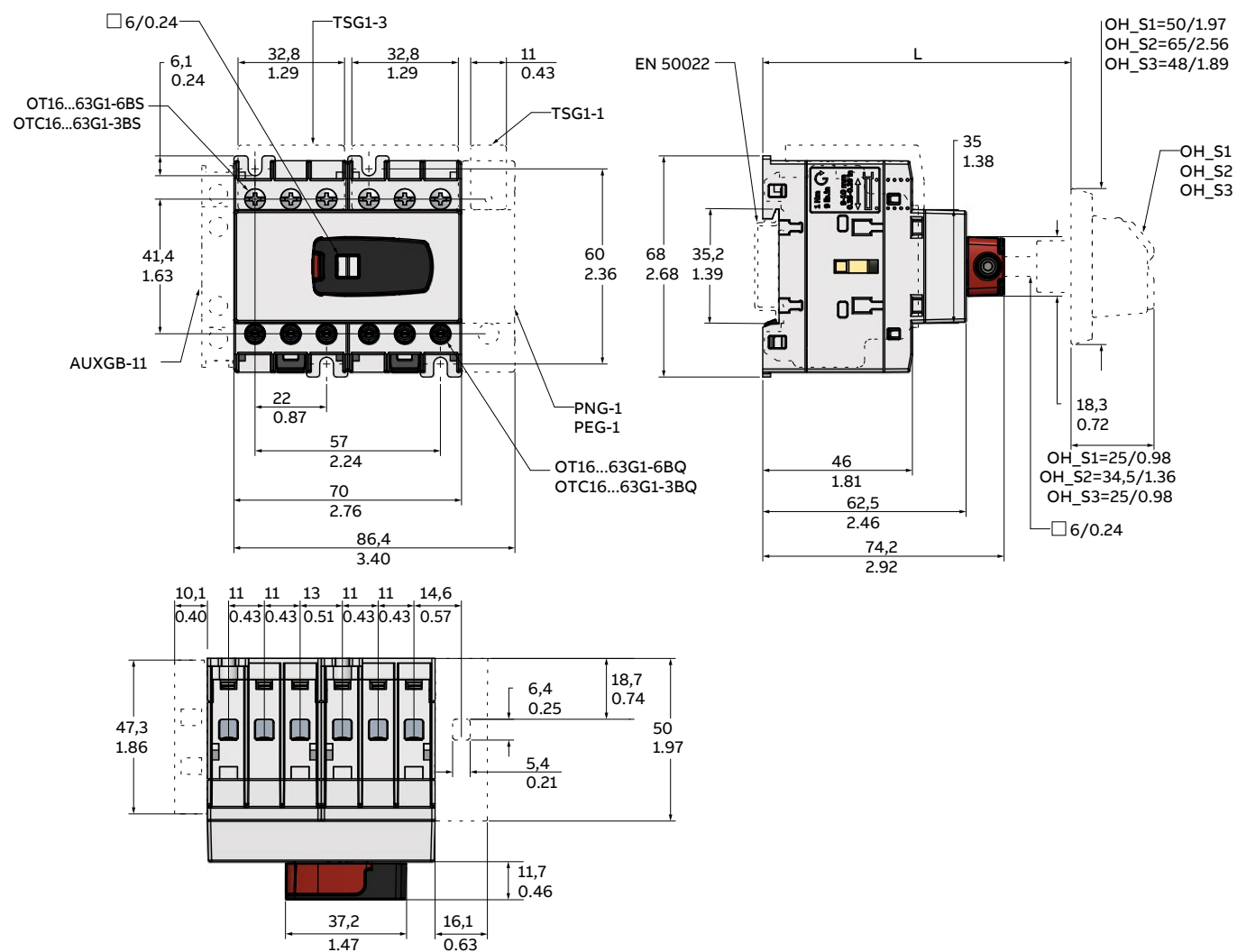


OT Plus Switch disconnectors

Dimensions

Door mounted switch disconnectors, with screw terminals

OT16...63G1-6BS



Dimensions

Front operated switch-disconnectors, base and DIN-rail mounting IEC and UL/CSA

Technical drawings of the OT16...63G1-8BS and OT16...63G1-4BS circuit breakers. The drawings include a top view, a side view, and a front view. Dimensions are provided in millimeters (mm) and inches (in).

Top View Dimensions:

- Overall width: 108,3 mm (4.26 in)
- Overall height: 41,4 mm (1.63 in)
- Terminal spacing (center-to-center): 32,8 mm (1.29 in)
- Terminal width: 11 mm (0.43 in)
- Terminal pitch: 6,1 mm (0.24 in)
- Terminal depth: 60 mm (2.36 in)
- Terminal pitch (bottom): 22 mm (0.87 in)
- Terminal width (bottom): 57 mm (2.24 in)
- Terminal pitch (bottom): 92 mm (3.62 in)
- Terminal width (bottom): 108,3 mm (4.26 in)

Side View Dimensions:

- Overall width: 46 mm (1.81 in)
- Overall height: 68 mm (2.68 in)
- Terminal spacing (center-to-center): 35,2 mm (1.39 in)
- Terminal width: 11 mm (0.43 in)
- Terminal pitch: 6,1 mm (0.24 in)
- Terminal depth: 60 mm (2.36 in)
- Terminal pitch (bottom): 22 mm (0.87 in)
- Terminal width (bottom): 57 mm (2.24 in)
- Terminal pitch (bottom): 92 mm (3.62 in)
- Terminal width (bottom): 108,3 mm (4.26 in)

Front View Dimensions:

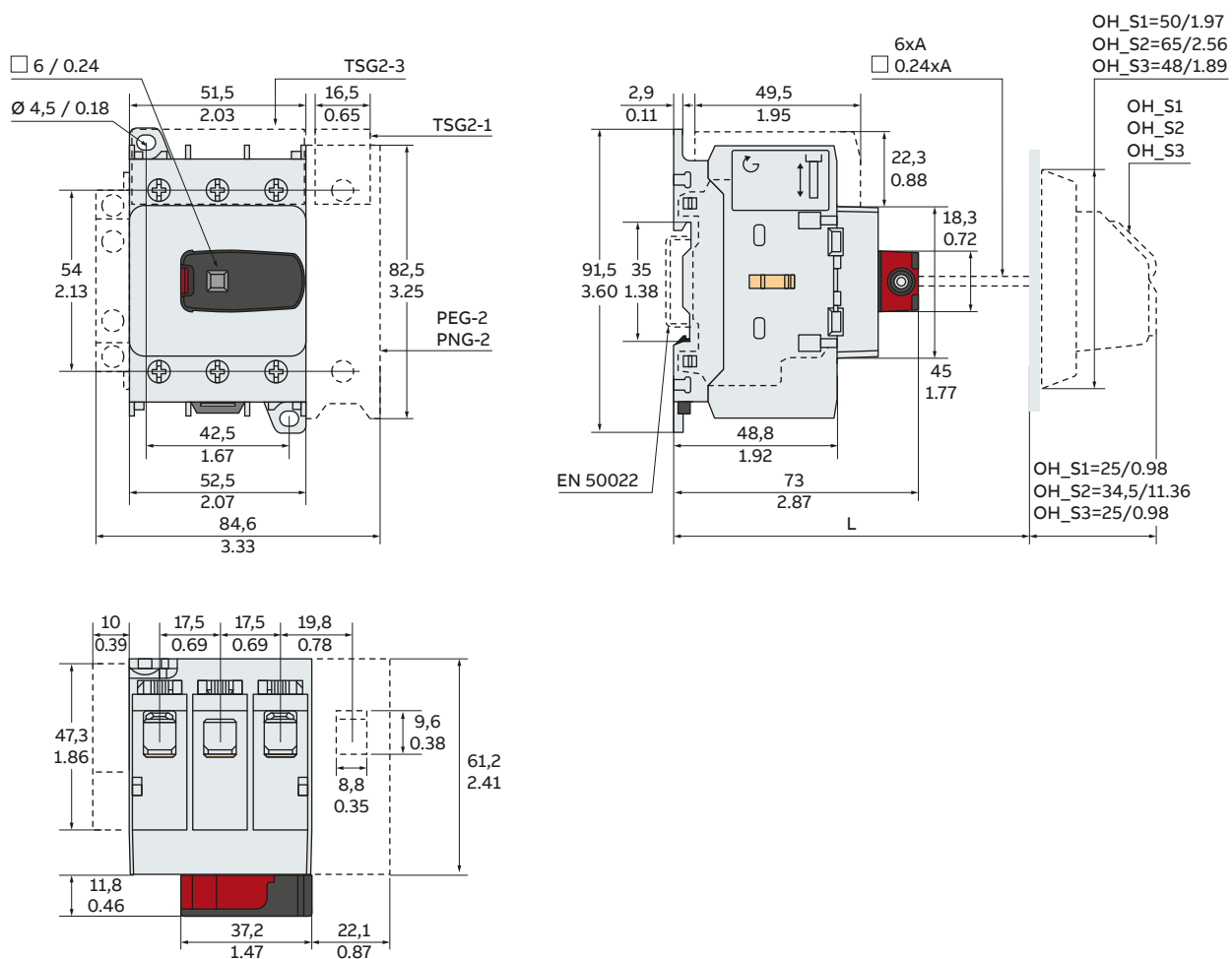
- Overall width: 37,2 mm (1.47 in)
- Overall height: 47,3 mm (1.86 in)
- Terminal spacing (center-to-center): 16,1 mm (0.63 in)
- Terminal width: 11 mm (0.43 in)
- Terminal pitch: 6,1 mm (0.24 in)
- Terminal depth: 60 mm (2.36 in)
- Terminal pitch (bottom): 22 mm (0.87 in)
- Terminal width (bottom): 57 mm (2.24 in)
- Terminal pitch (bottom): 92 mm (3.62 in)
- Terminal width (bottom): 108,3 mm (4.26 in)

Other Dimensions:

- EN 50022
- OH_S1=50/1.97
- OH_S2=65/2.56
- OH_S3=48/1.89
- OH_S1=25/0.98
- OH_S2=34,5/1.36
- OH_S3=25/0.98
- 6/0.24

Dimensions

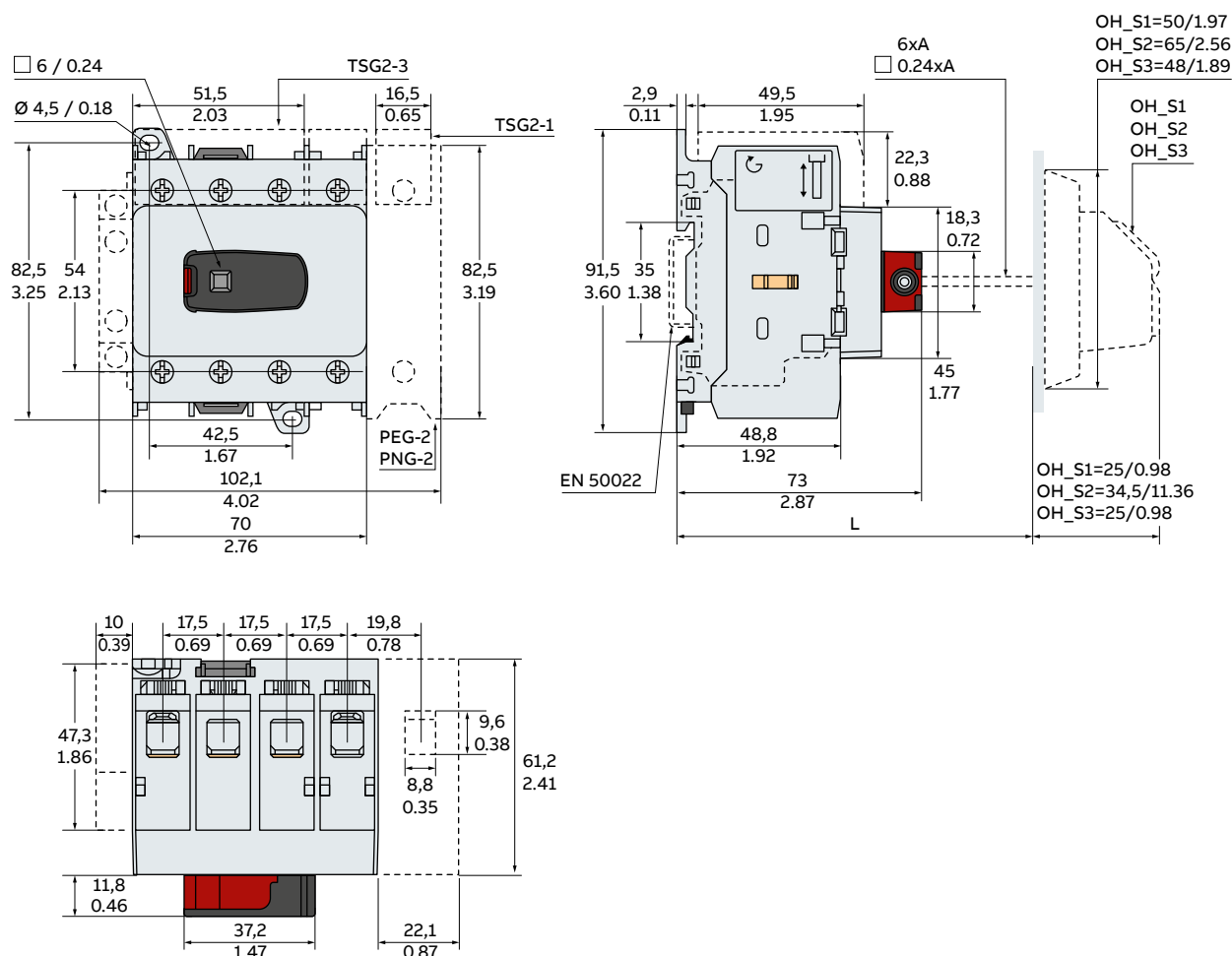
OT63...100G2-3BS



Dimensions

Front operated switch disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT63...100G2-4BSN2

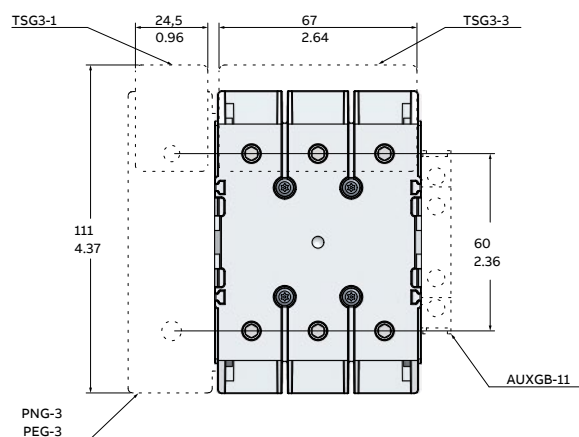
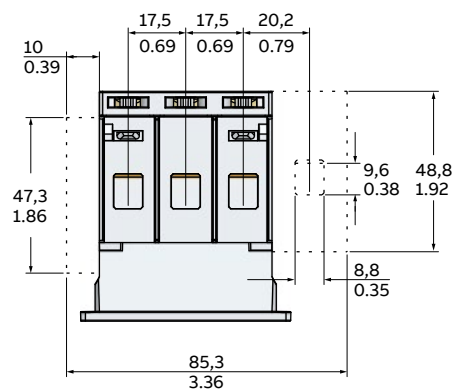
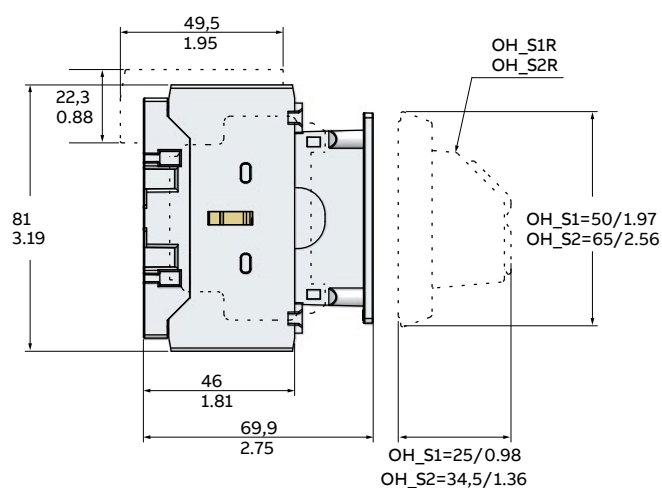
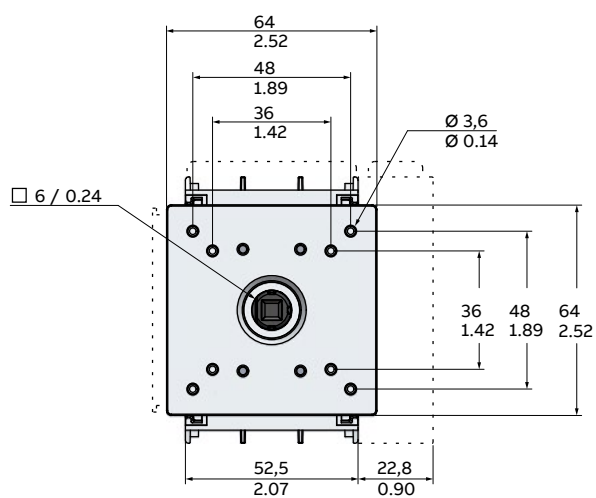


Manual switch-disconnectors OT Plus

Dimensions

Door mounted switch disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT63...100G2-3DS

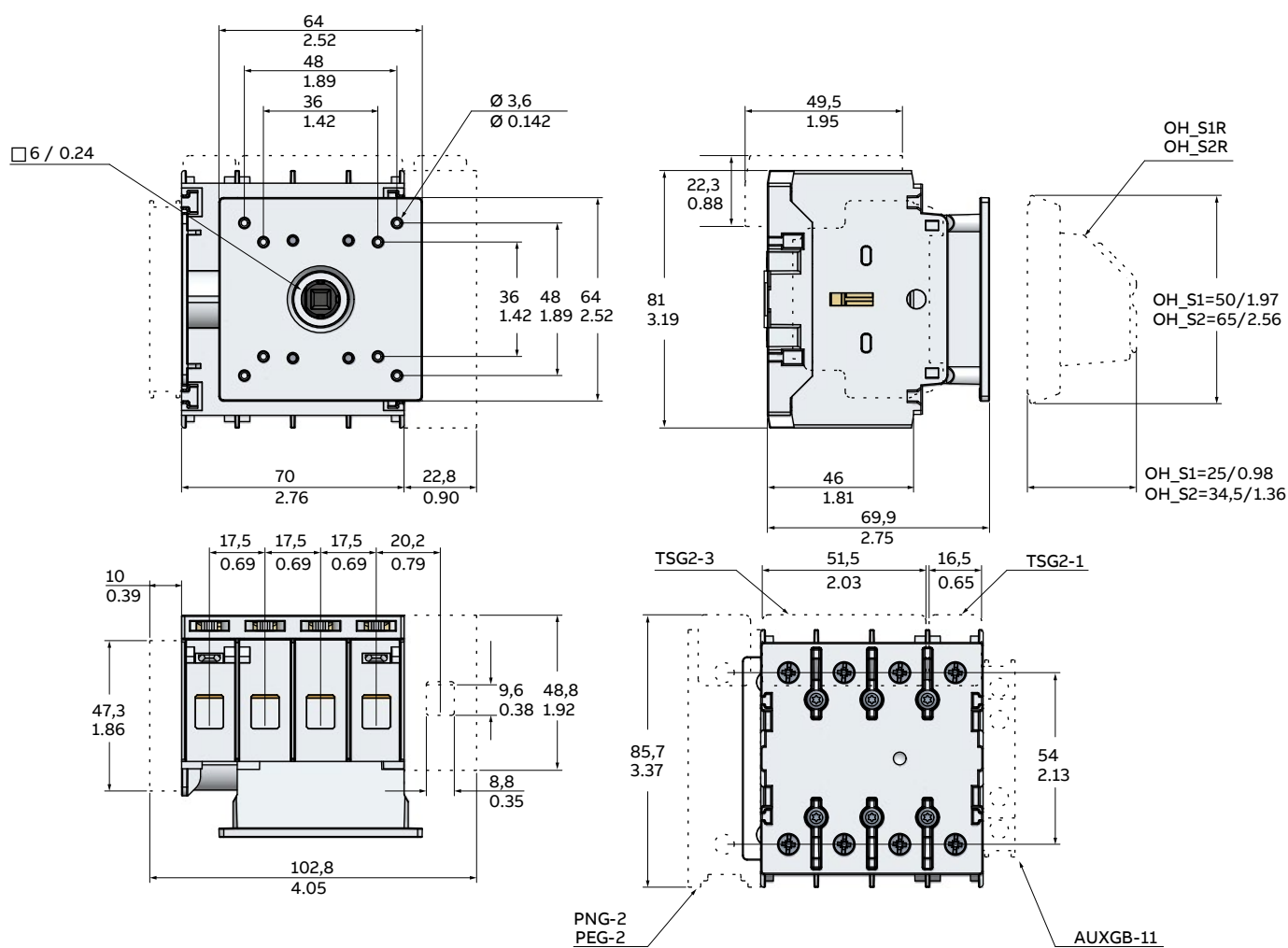


Manual switch-disconnectors OT Plus

Dimensions

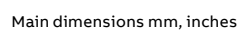
Door mounted switch disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT63...100G2-4DSN2



Dimensions

OT63...8OG2-6BS

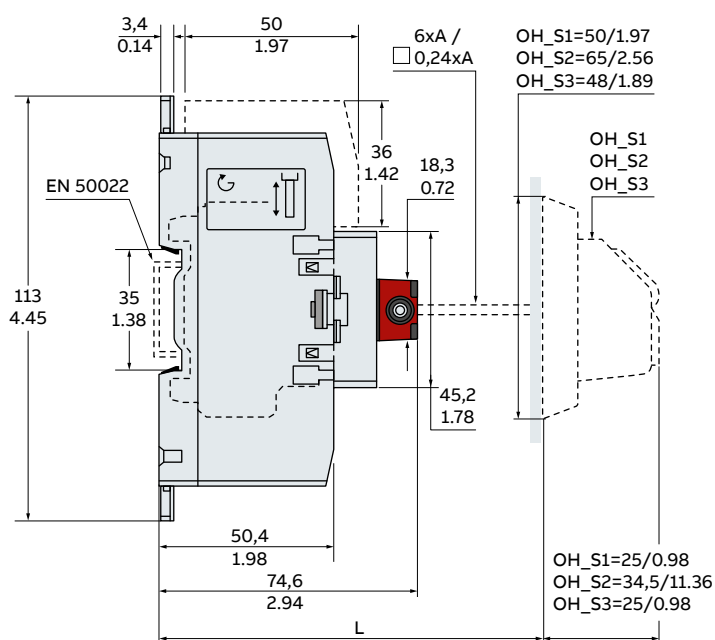
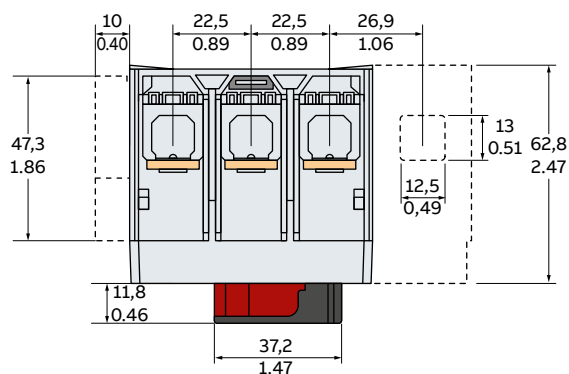


Dimensions

OT63...8OG2-8BS

Dimensions

OT30...16OG3-3BS



Dimensions

Front operated switch-disconnectors, base and DIN-rail mounting IEC and UL/CSA

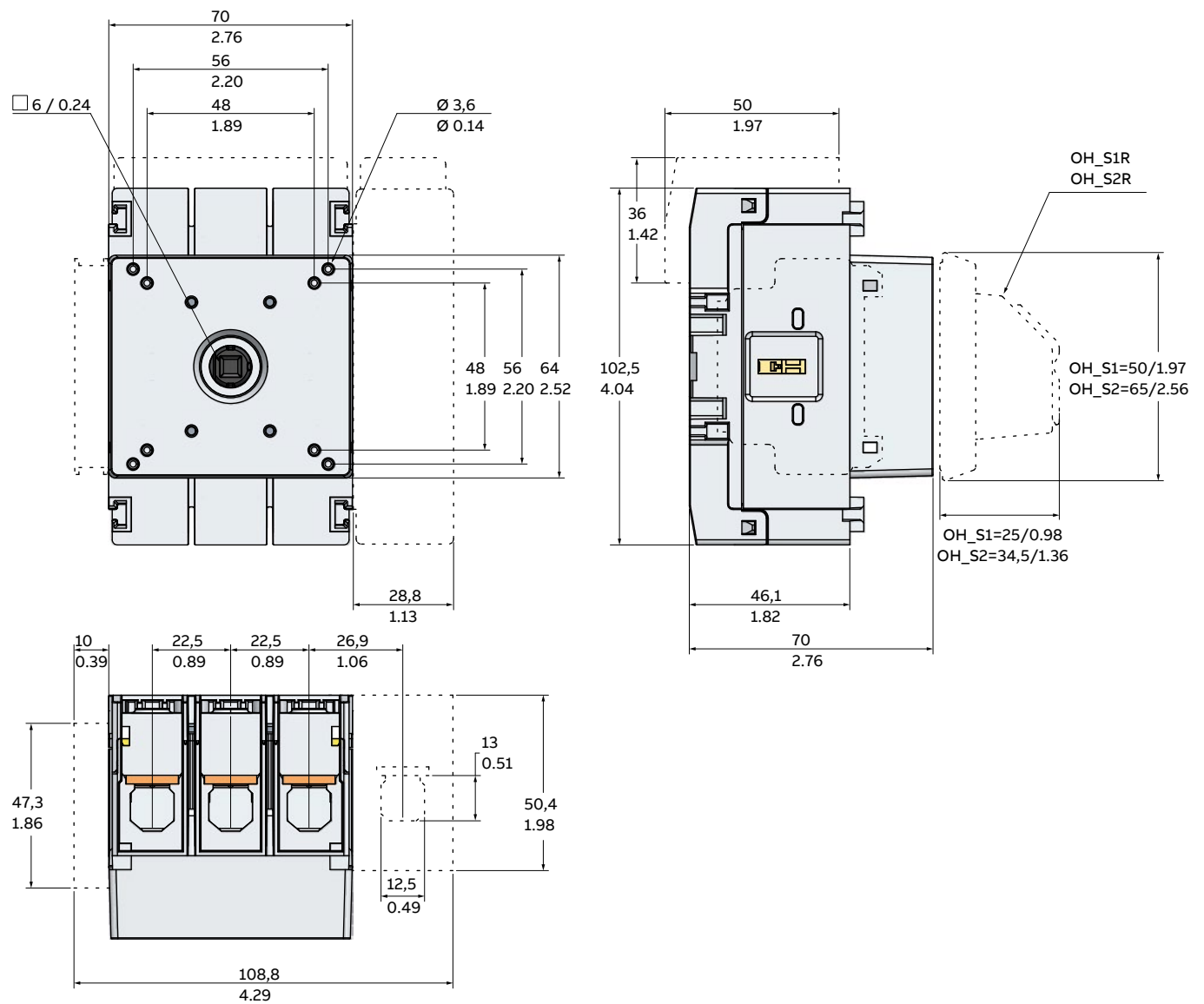
OT30...16OG3-4BSN2

Manual switch-disconnectors OT Plus

Dimensions

Door mounted switch-disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT30...16OG3-3DS

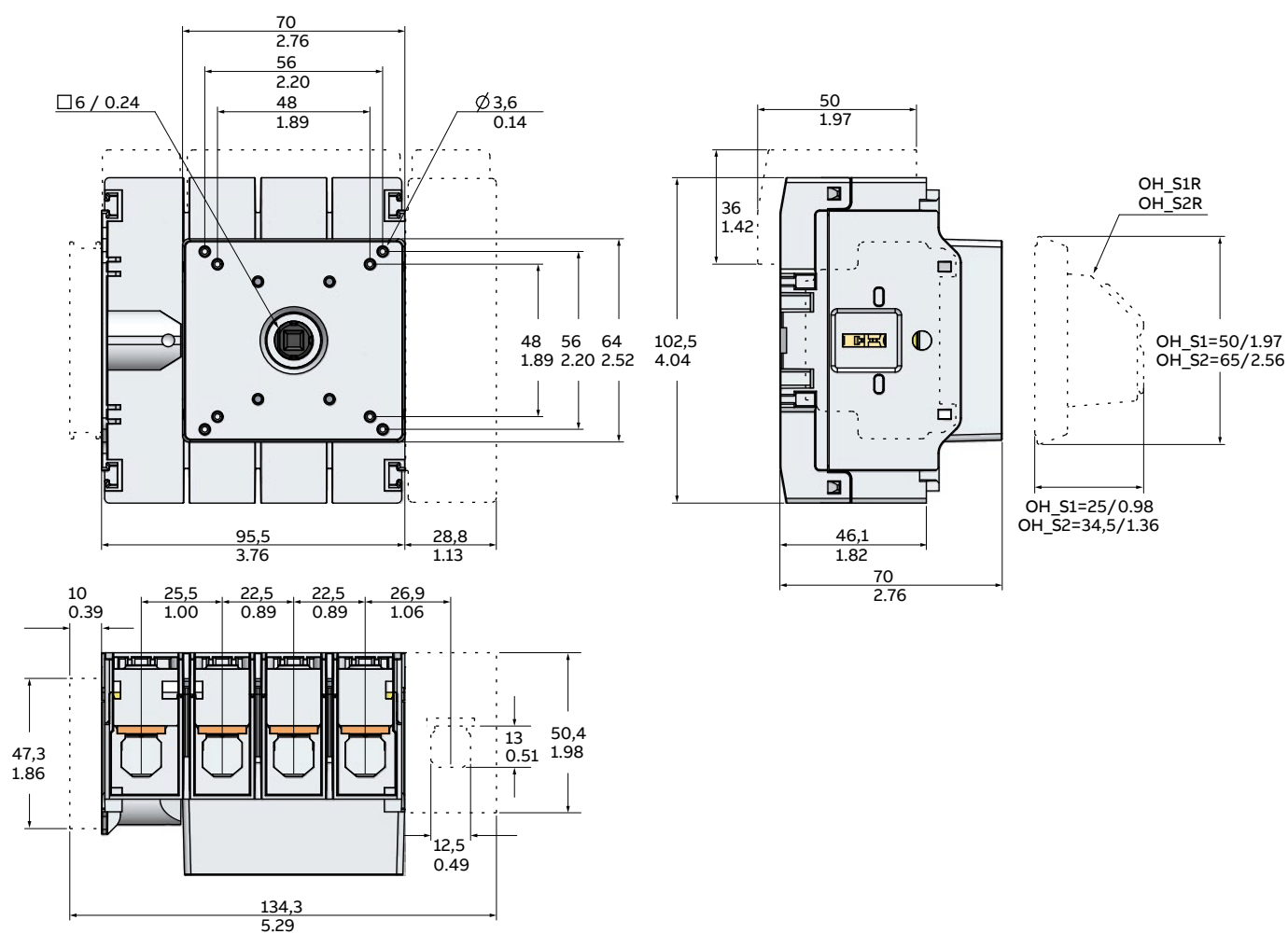


Manual switch-disconnectors OT Plus

Dimensions

Front operated switch-disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT30...16OG3-4DSN2

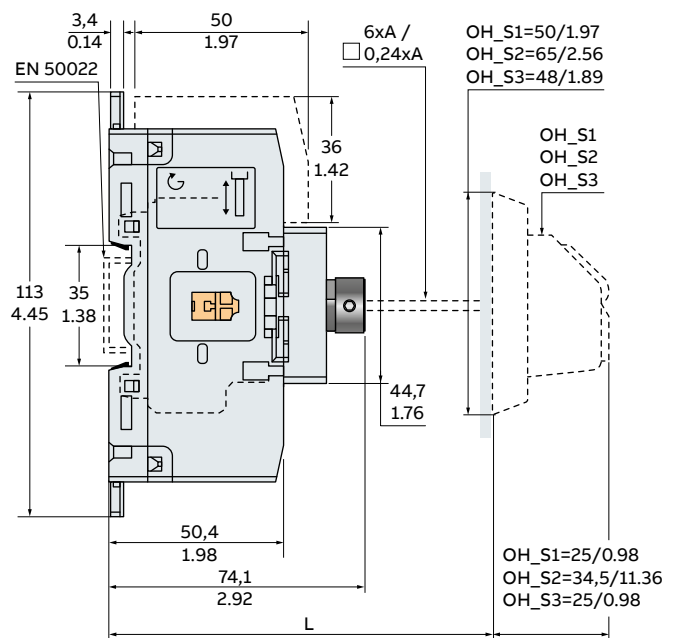
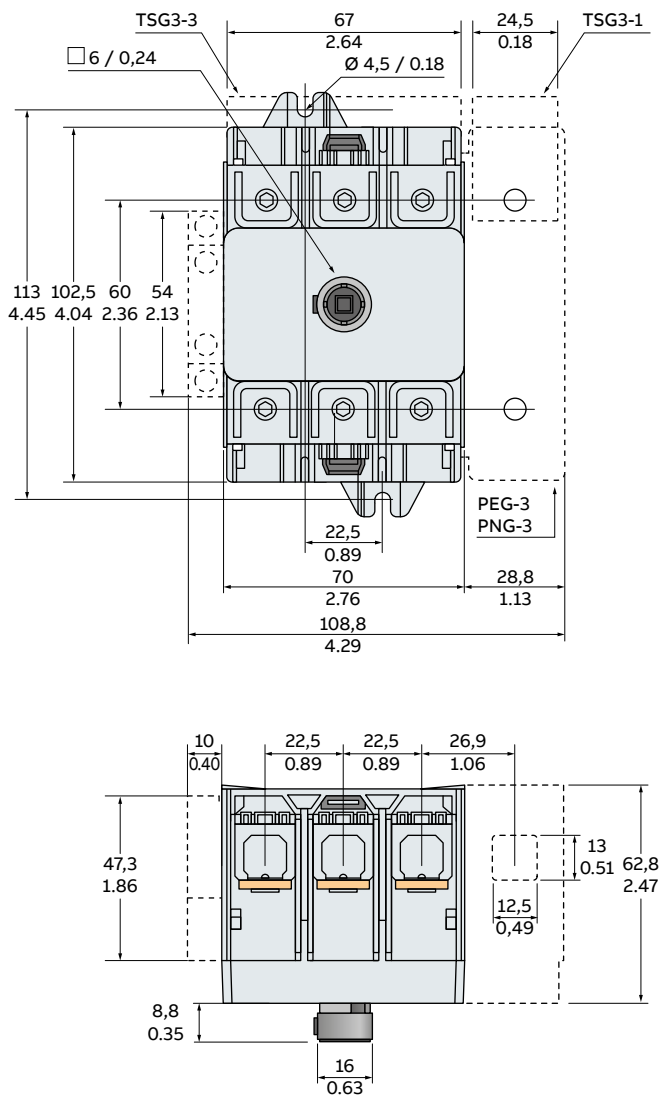


Manual switch-disconnectors OT Plus

Dimensions

Door mounted switch-disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT30...16OG3-3BSU



Dimensions

Door mounted switch disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT30...160G3-6BS

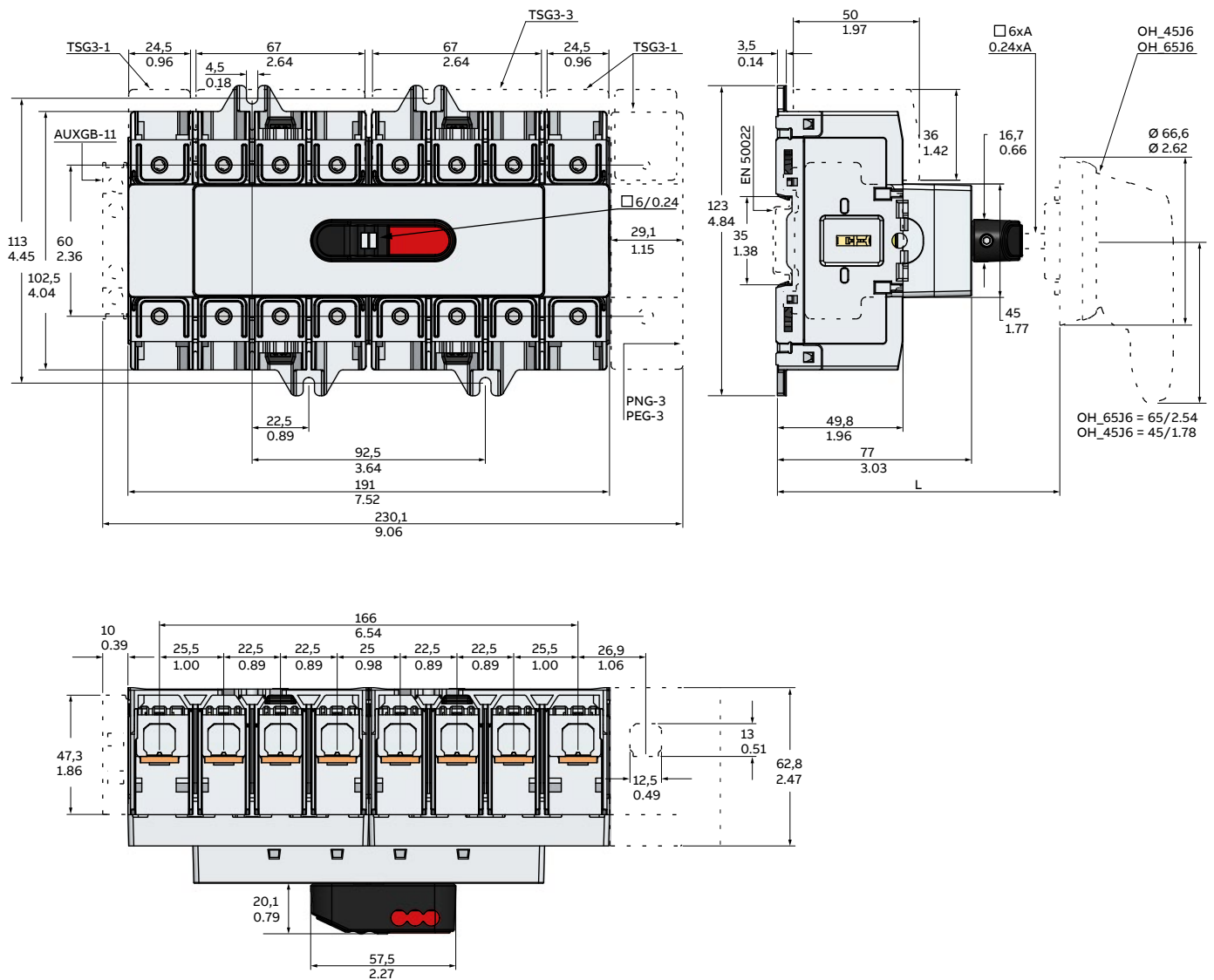


Manual switch-disconnectors OT Plus

Dimensions

Door mounted switch disconnectors, base and DIN-rail mounting IEC and UL/CSA

OT30...16OG3-8BS



Additional information

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