



PROTECTION AND CONNECTION

## ONE20

# Enclosed switches for residential and commercial installations

It's the only enclosed switch you'll ever need. It's as simple as that.



— Fully water-resistant enclosure (IP67)

### Reliable performance in all indoor and outdoor environment

Durable and water-resistant (IP67) enclosure, UV resistant material and tested at a temperature of -30°C



— UV- and ageing-resistant material

### Won't break

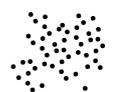
Built-in feature to stop mechanical breakage



— Suitable for all temperature and weather conditions

### Factory tested and approved

Each individual switch has been factory tested before shipping



— Airtight enclosure keeps dirt and dust out

### Quick and reliable installation

Simple and smart construction and compression glands (included)



— Safety lockout

## Ordering information



ONE20M\_W



ONE20M\_G



ONE20M\_Y

Protection degree IP67. Compression glands included in the delivery.

Number of poles	Enclosure size [mm]:			Type	Order code
	H	W	D		
<b>Cover color: white. Handle color: white.</b>					
2	92	65	84	ONE20M2W	1SCA138456R1001
3	92	65	84	ONE20M3W	1SCA138457R1001
4	92	65	84	ONE20M4W	1SCA138459R1001
<b>Cover color: grey. Handle color: grey.</b>					
2	95	65	84	ONE20M2G	1SCA135532R1001
3	92	65	84	ONE20M3G	1SCA135535R1001
4	92	65	84	ONE20M4G	1SCA135538R1001
<b>Cover color: yellow. Handle color: red.</b>					
2	92	65	84	ONE20M2Y	1SCA135533R1001
3	92	65	84	ONE20M3Y	1SCA135536R1001
4	92	65	84	ONE20M4Y	1SCA135540R1001

ONE202GB18-12, 1SCC340003B0201

## Technical data

Data according to IEC 60947-3			ONE20M2_	ONE20M3_	ONE20M4_
Impulse withstand voltage, U <sub>imp</sub>		kV	6	6	6
Operating temperature			-30°C...+60°C	-30°C...+60°C	-30°C...+60°C
Rated operational voltage, U <sub>e</sub>		V	240	415	415
Rated insulation voltage	Pollution degree 3	V	690	690	690
Rated thermal current and rated operational current AC20/DC20	Ambient 40°C	A	20	20	20
Rated operational current, AC-21A and AC-22A	240V	A	20	20	20
	up to 415V	A		20	20
Rated operational current, AC-23A	230V	A/kW	15.2/2.6	15.2/2.6	15.2/2.6
	up to 400V	A/kW		15.2/7.5	15.2/7.5
Rated operational current and power, AC-3A	230V	A/kW	11.3/2.2	11.3/2.2	11.3/2.2
	up to 400V	A/kW		11.3/5.5	11.3/5.5
Rated operational short circuit current, I <sub>p</sub> (rms), with fuses		kA	1	1	1
Maximum back-up fuse link		A	20	20	20
Cu-wire size suitable for terminal		mm <sup>2</sup>	0.5-4	0.5-4	0.5-4
Cable for compression glands, min-max diameter		mm	7-12	7-12	7-12

ABB Oy

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> Low Voltage Products and Systems

