

These devices are specifically made for commanding loads and signalling electrical conditions in any low-voltage switchboard. They are available in half module or 1 module, depending on the contact-layout. The devices with indicator lights are equipped with a LED, which grants an optimal lighting with very low consumption.

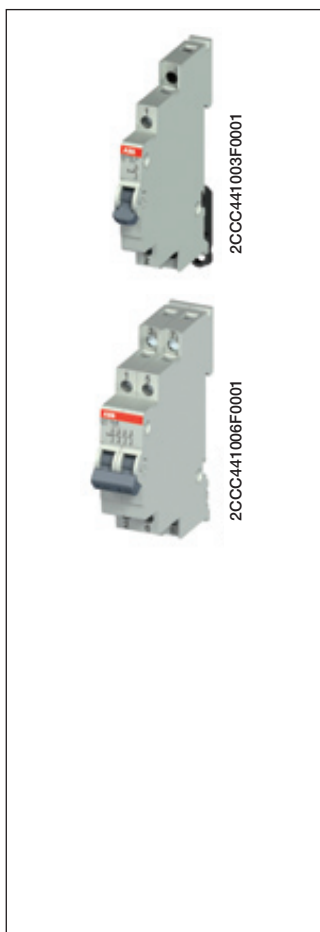
The functions of these devices are particularly switching, pushing and signalling electrical conditions in any installations (low-voltage area)

General new features

- Space-saving through 9mm modules
- All terminals equipped with Pozidrive 1 screws
- Safe connection due to cage-clamp
- LED with bright colours and available in three different voltage ranges
- Different lens and button colours
- Compliance to international standards

E 211-... ON-OFF switches

For example, such devices are used to switch on or off illuminations or other electrical components (like fan's, air-conditions, e.g.). The new On- Off switch distinguish itself through simple handling, easy mounting and optimal functionality.



Contacts	Rated voltage	Power loss	LED colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	7612270	1 piece	group	1 piece
							EAN	EURO	kg	pc.

Rated current = 16A

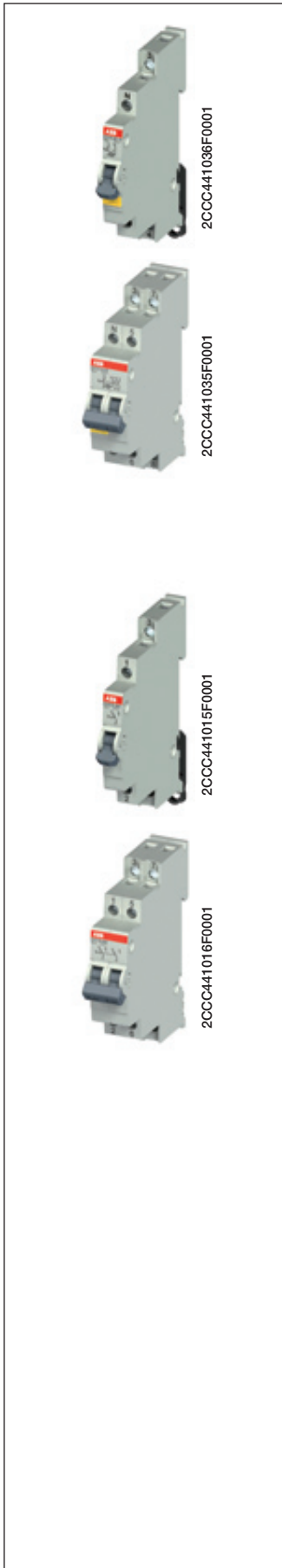
1 NO	250	0.32	-	9	E211-16-10	2CCA703000R0001	938575		0.035	10
2 NO	230/400	0.82	-	9	E211-16-20	2CCA703005R0001	938582		0.045	10
3 NO	230/400	1.14	-	18	E211-16-30	2CCA703010R0001	938599		0.080	10
4 NO	230/400	1.64	-	18	E211-16-40	2CCA703015R0001	938605		0.090	10

Rated current = 25A

1 NO	250	0.75	-	9	E211-25-10	2CCA703001R0001	938612		0.035	10
2 NO	230/400	1.95	-	9	E211-25-20	2CCA703006R0001	938629		0.045	10
3 NO	230/400	2.70	-	18	E211-25-30	2CCA703011R0001	938636		0.080	10
4 NO	230/400	3.90	-	18	E211-25-40	2CCA703016R0001	938643		0.090	10

Rated current = 32A

1 NO	250	1.12	-	9	E211-32-10	2CCA703002R0001	938650		0.035	10
2 NO	230/400	2.73	-	9	E211-32-20	2CCA703007R0001	938667		0.045	10
3 NO	230/400	3.85	-	18	E211-32-30	2CCA703012R0001	938674		0.080	10
4 NO	230/400	5.46	-	18	E211-32-40	2CCA703017R0001	938681		0.090	10



E 211X-... ON-OFF switches with yellow LED for contact indication

LED voltage 115-250 VAC

Contacts	Rated voltage	Power loss	LED colour	Width	Order	details	Bbn	Price	Price	Weight	Pack
1 piece	VAC	W		mm	Type code	Order code	EAN	EURO		kg	pc.

Rated current = 16A

1 NO	250	0.50	yellow	9	E211X-16-10	2CCA703100R0001	938872			0.040	10
2 NO	230/400	1.00	yellow	18	E211X-16-20	2CCA703110R0001	938889			0.050	10
3 NO	230/400	1.50	yellow	18	E211X-16-30	2CCA703115R0001	938896			0.060	10

Rated current = 25A

1 NO	250	1.15	yellow	9	E211X-25-10	2CCA703101R0001	938902			0.040	10
2 NO	230/400	2.30	yellow	18	E211X-25-20	2CCA703111R0001	938919			0.050	10
3 NO	230/400	3.45	yellow	18	E211X-25-30	2CCA703116R0001	938926			0.060	10

E 213-... Change over switches

The new change- over switch distinguish itself through simple handling, easy mounting and optimal functionality. For example these devices are applied to open or close a flap with electrical drive.

Contacts	Rated voltage	Power loss	LED colour	Width	Order	details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	EAN	EURO		kg	pc.

Rated current = 16A

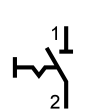
1 CO	250	0.32	-	9	E213-16-001	2CCA703040R0001	938698			0.041	10
2 CO	250	0.82	-	18	E213-16-002	2CCA703045R0001	938704			0.082	10

Rated current = 25A

1 CO	250	0.40	-	9	E213-25-001	2CCA703041R0001	938711			0.041	10
2 CO	250	0.88	-	18	E213-25-002	2CCA703046R0001	938728			0.082	10

Terminal assignment Switches

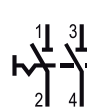
ON / OFF switch



1 NO



2 NO

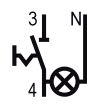


3 NO



4 NO

OFF switches with indicator lamps



1 NO

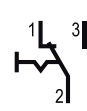


2 NO

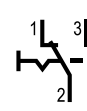


3 NO

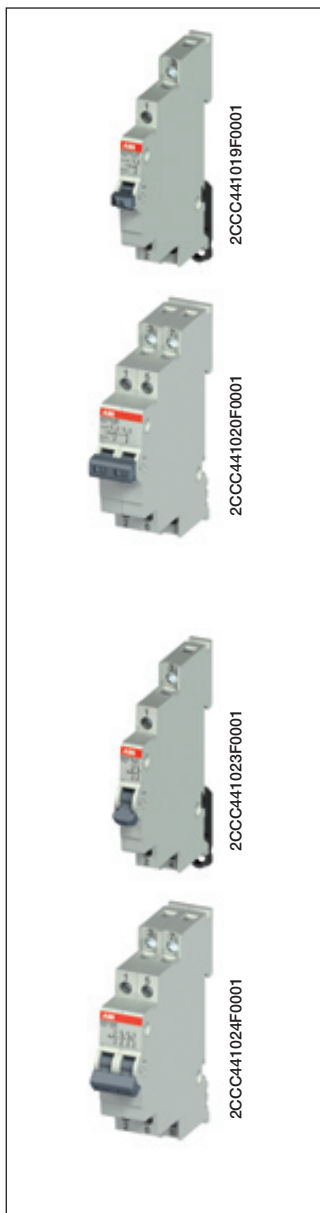
Change-over switches



1 C/O



2 C/O



E 214-... Group switches (I-0-II, manual-OFF-automatic)

The new Group switch can be used to the control the main installation of on emergency supply. Such devices distinguish itself through simple handling, easy mounting and optimal functionality.

Contacts	Rated voltage	Power loss	LED colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	EAN	EURO	kg	pc.

Rated current = 16A

1 CO	250	0.32	-	9	E214-16-101	2CCA703025R0001	938735		0.041	10
2 CO	250	0.82	-	18	E214-16-202	2CCA703030R0001	938742		0.082	10

Rated current = 25A

1 CO	250	0.40	-	9	E214-25-101	2CCA703026R0001	938759		0.041	10
2 CO	250	0.88	-	18	E214-25-202	2CCA703031R0001	938766		0.082	10

E 218-... Control switches

These devices can be used in distribution board for any control function.the logical connection of any functions becomes. The new control switch distinguish itself through simple handling, easy mounting and optimal functionality.

Contacts	Rated voltage	Power loss	LED colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	EAN	EURO	kg	pc.

Rated current = 16A

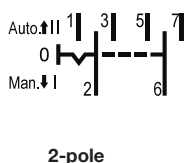
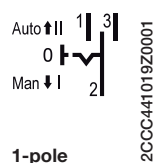
1NO+1NC	250	0.50	-	9	E218-16-11	2CCA703050R0001	938773		0.041	10
2NO+2NC	250	1.00	-	18	E218-16-22	2CCA703060R0001	938780		0.082	10
3NO+1NC	250	1.50	-	18	E218-16-31	2CCA703065R0001	938797		0.082	10

Rated current = 25A

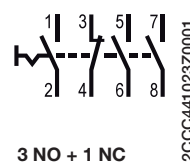
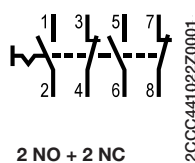
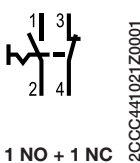
1NO+1NC	250	0.75	-	9	E218-25-11	2CCA703051R0001	938803		0.041	10
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Terminal assignment Switches

Group switches



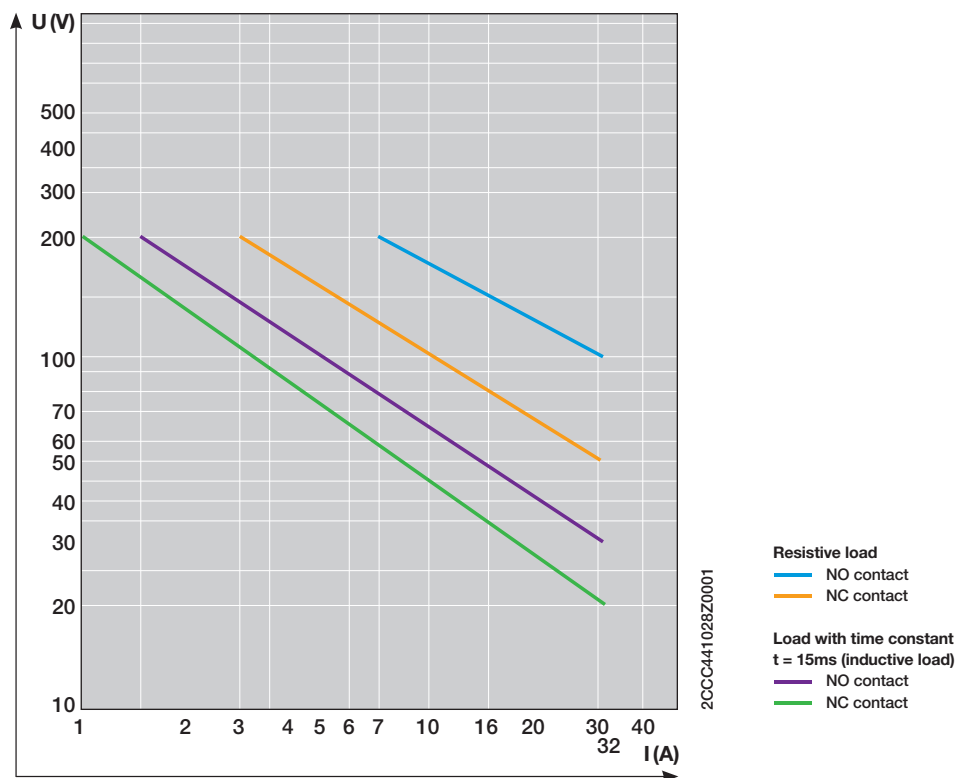
Control switches



Technical features - Switches

Switching capacity		according to EN 60669-1
Isolating properties		according to EN 60669-2-4
Short-circuit withstand capacity	[kA]	3
Rated voltage U_n	[V]	250/400
Rated current I_n	[A]	16, 25, 32
LED current	[mA]	5
Rated frequency	[Hz]	50/60
Modules	[No]	0.5 or 1
Sealable		in ON and OFF position
Climatic resistance		according to IEC 60068-2-2 (Dry heat) IEC 60068-2-30 (Damp heat) IEC 60068-2-1 (Cold)
Ambient temperature	[°C/°F]	-25°C/-13°F to +55°C/+131°F
Storage temperature	[°C]	-40°C to +70°C
Connection capacity	[mm ²]	from 1x1 mm ² to 1x6 mm ² or 2x2.5 mm ² massive; Flexible up 1x0.75 mm ² to 2x1.5 mm ² with connector sleeve or pin-endconnector
Tightening torque	[Nm]	1.8
Positive opening		according to EN 60204-1
Standards		DIN EN 60669-1 *VDE 0632-1 DIN EN 60669-2-4 *VDE 0632-2-4
Approvals		VDE

E 210 DC switching capacity





E 215-... Pushbuttons (6 different button colours)

Pushbuttons without and with LED

The new products are in 9mm width (= 0.5 modules) available.

These devices can be used in distribution boards. All devices distinguish themselves through simple handling, easy mounting and optimal functionality. The pushbuttons are used for remote control in every kind of electric installation (e.g. public, industrial). The range offers three different voltages. (Ranges: 12- 48VAC/DC; 115- 250VAC and 110- 220VDC).

Rated current = 16A

Contacts	Rated voltage	Power loss	Button colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	7612270	1 piece group	1 piece	unit
							EAN	EURO	kg	pc.
1NO+1NC	250	0.50	grey	9	E215-16-11B	2CCA703150R0001	938810		0.046	10
1NO+1NC	250	0.50	red	9	E215-16-11C	2CCA703151R0001	938827		0.046	10
1NO+1NC	250	0.50	green	9	E215-16-11D	2CCA703152R0001	938834		0.046	10
1NO+1NC	250	0.50	yellow	9	E215-16-11E	2CCA703153R0001	938841		0.046	10
1NO+1NC	250	0.50	black	9	E215-16-11F	2CCA703154R0001	938858		0.046	10
1NO+1NC	250	0.50	blue	9	E215-16-11G	2CCA703155R0001	938865		0.046	10



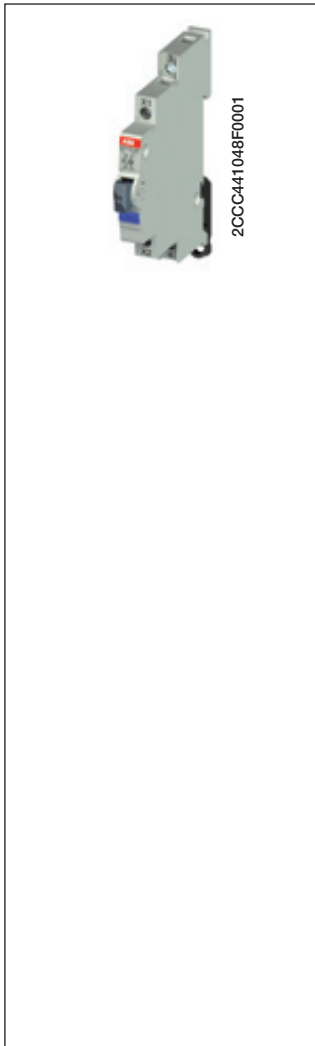
E 217-... Luminous Pushbuttons (5 different LED colours)

Rated current = 16A

Contacts	Rated voltage	Power loss	LED colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	7612270	1 piece group	1 piece	unit
							EAN	EURO	kg	pc.
1 NO	250	1.10	white	9	E217-16-10B	2CCA703160R0001	938988		0.050	10
1 NO	250	1.10	red	9	E217-16-10C	2CCA703161R0001	938995		0.050	10
1 NO	250	1.10	green	9	E217-16-10D	2CCA703162R0001	939008		0.050	10
1 NO	250	1.10	yellow	9	E217-16-10E	2CCA703163R0001	939015		0.050	10
1 NO	250	1.10	blue	9	E217-16-10G	2CCA703164R0001	939022		0.050	10

LED Voltage range = 115-250VAC

1 NC	250	1.10	white	9	E217-16-01B	2CCA703250R0001	939084		0.050	10
1 NC	250	1.10	red	9	E217-16-01C	2CCA703251R0001	939091		0.050	10
1 NC	250	1.10	green	9	E217-16-01D	2CCA703252R0001	939107		0.050	10
1 NC	250	1.10	yellow	9	E217-16-01E	2CCA703253R0001	939114		0.050	10
1 NC	250	1.10	blue	9	E217-16-01G	2CCA703254R0001	939121		0.050	10



E 217-... Luminous Pushbuttons (5 different LED colours)

Rated current = 16A

Contacts	Rated voltage	Power loss	LED colour	Width	Order details	Bbn	Price	Price	Weight	Pack
	VAC	W		mm	Type code	Order code	7612270	1 piece group	1 piece	unit
							EAN	EURO	kg	pc.

LED Voltage range = 12-48VAC/DC

1 NO	250	0.72	white	9	E217-16-10B48	2CCA703170R0001	938933		0.050	10
1 NO	250	0.72	red	9	E217-16-10C48	2CCA703171R0001	938940		0.050	10
1 NO	250	0.72	green	9	E217-16-10D48	2CCA703172R0001	938957		0.050	10
1 NO	250	0.72	yellow	9	E217-16-10E48	2CCA703173R0001	938964		0.050	10
1 NO	250	0.72	blue	9	E217-16-10G48	2CCA703174R0001	938971		0.050	10

1 NC	250	0.72	white	9	E217-16-01B48	2CCA703260R0001	939039		0.050	10
1 NC	250	0.72	red	9	E217-16-01C48	2CCA703261R0001	939046		0.050	10
1 NC	250	0.72	green	9	E217-16-01D48	2CCA703262R0001	939053		0.050	10
1 NC	250	0.72	yellow	9	E217-16-01E48	2CCA703263R0001	939060		0.050	10
1 NC	250	0.72	blue	9	E217-16-01G48	2CCA703264R0001	939077		0.050	10

LED Voltage range = 110-220VDC

1 NO	250	1.50	white	9	E217-16-10B220	2CCA703165R0001	939138		0.050	10
1 NO	250	1.50	red	9	E217-16-10C220	2CCA703166R0001	939145		0.050	10
1 NO	250	1.50	green	9	E217-16-10D220	2CCA703167R0001	939152		0.050	10
1 NO	250	1.50	yellow	9	E217-16-10E220	2CCA703168R0001	939169		0.050	10
1 NO	250	1.50	blue	9	E217-16-10G220	2CCA703169R0001	939176		0.050	10

1 NC	250	1.50	white	9	E217-16-01B220	2CCA703255R0001	939183		0.050	10
1 NC	250	1.50	red	9	E217-16-01C220	2CCA703256R0001	939190		0.050	10
1 NC	250	1.50	green	9	E217-16-01D220	2CCA703257R0001	939206		0.050	10
1 NC	250	1.50	yellow	9	E217-16-01E220	2CCA703258R0001	939213		0.050	10
1 NC	250	1.50	blue	9	E217-16-01G220	2CCA703259R0001	939220		0.050	10



E 219-... Indicator Lights with LED (5 different colours)

Indicator Lights with LED

The new products are in 9mm width (= 0.5 modules) available.
Any operational condition can be indicated with these devices.
For example, these Indicator Lights are applied to indicate a loss of a phase.
The range offers three different voltages.
(Ranges: 12- 48VAC/DC; 115- 250VAC and 110- 220VDC).

LED colour	Rated voltage	Power loss	Width	Order details		Bbn	Price	Price	Weight	Pack
	VAC	W	mm	Type code	Order code	7612270	1 piece	group	1 piece	unit
						EAN	EURO		kg	pc.

LED Voltage range = 115-250VAC

white	250	0.47	9	E219-B	2CCA703400R0001	939282			0.03	10
red	250	0.47	9	E219-C	2CCA703401R0001	939299			0.03	10
green	250	0.47	9	E219-D	2CCA703402R0001	939305			0.03	10
yellow	250	0.47	9	E219-E	2CCA703403R0001	939312			0.03	10
blue	250	0.47	9	E219-G	2CCA703404R0001	939329			0.03	10

LED Voltage range = 12-48VAC/DC

white	250	0.40	9	E219-B48	2CCA703420R0001	939237			0.03	10
red	250	0.40	9	E219-C48	2CCA703421R0001	939244			0.03	10
green	250	0.40	9	E219-D48	2CCA703422R0001	939251			0.03	10
yellow	250	0.40	9	E219-E48	2CCA703423R0001	939268			0.03	10
blue	250	0.40	9	E219-G48	2CCA703424R0001	939275			0.03	10

LED Voltage range = 110-220VDC

white	250	0.52	9	E219-B220	2CCA703405R0001	939336			0.03	10
red	250	0.52	9	E219-C220	2CCA703406R0001	939343			0.03	10
green	250	0.52	9	E219-D220	2CCA703407R0001	939350			0.03	10
yellow	250	0.52	9	E219-E220	2CCA703408R0001	939367			0.03	10
blue	250	0.52	9	E219-G220	2CCA703409R0001	939374			0.03	10

Technical features - Pushbuttons and Indicator Lights

Rated Voltage U_n	[V]	250
Rated current I_n	[A]	16
LED current	[mA]	5
Rated frequency	[Hz]	50/60
Modules	[No]	0.5
Tightening torque	[Nm]	1.8
Standards		EN 60669-1; EN 62094-1
Approvals		VDE

Terminal assignment - Pushbuttons and Indicator Lights

