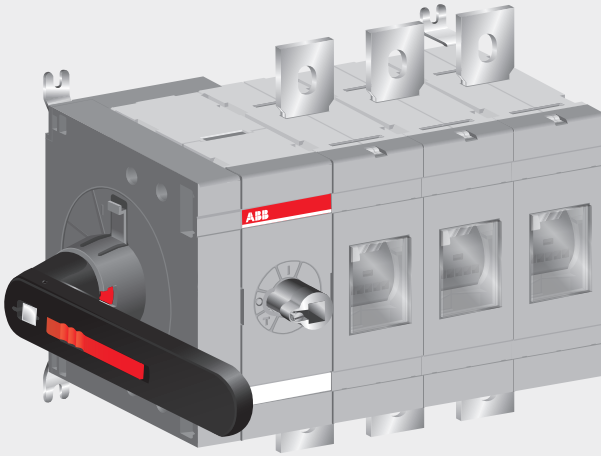


—  
INSTALLATION INSTRUCTION

# Switch Disconnectors

## OT600-800\_S



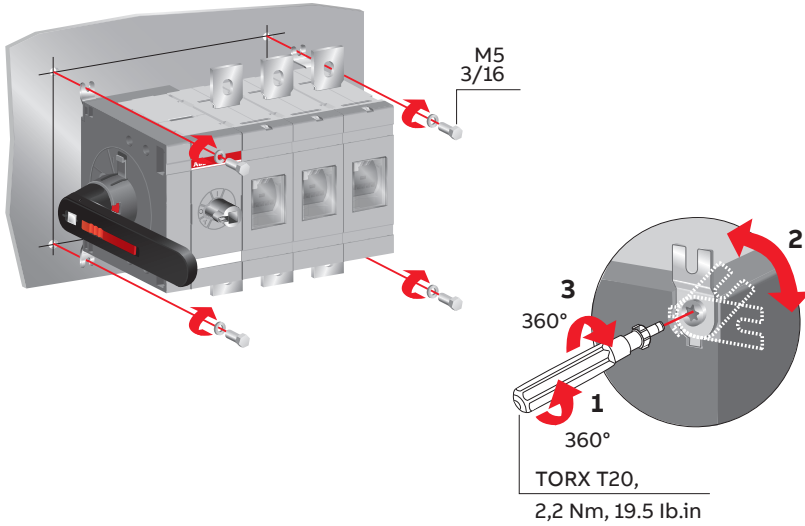
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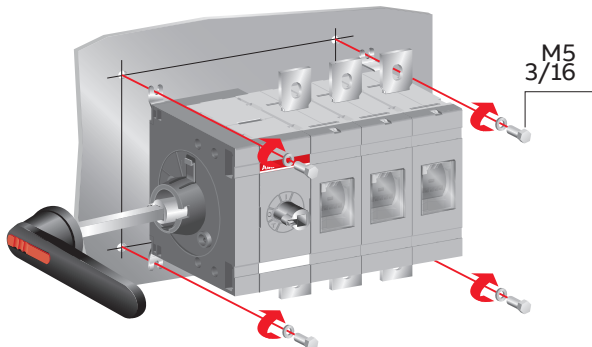
03	Installation
04	Labels
05	Terminal clamps OZX_
06	Terminal shrouds OTS_
07	Clearances per UL98
08	Auxiliary contacts OA_
09	Module for aux. contacts OEA28
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11	Phase separators OTB_
12-13	Handles, OT600-800_S/OH_145 <sup>J</sup> _L 12_
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# Installation

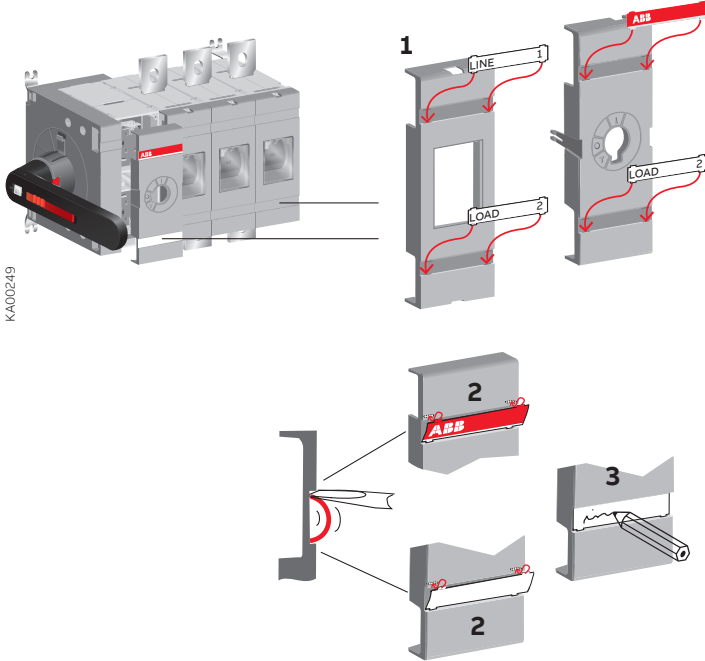
## OT600-800\_S\_K / OHB145D12



## OT600-800\_S\_ / OH\_145<sup>J</sup><sub>L</sub>12\_

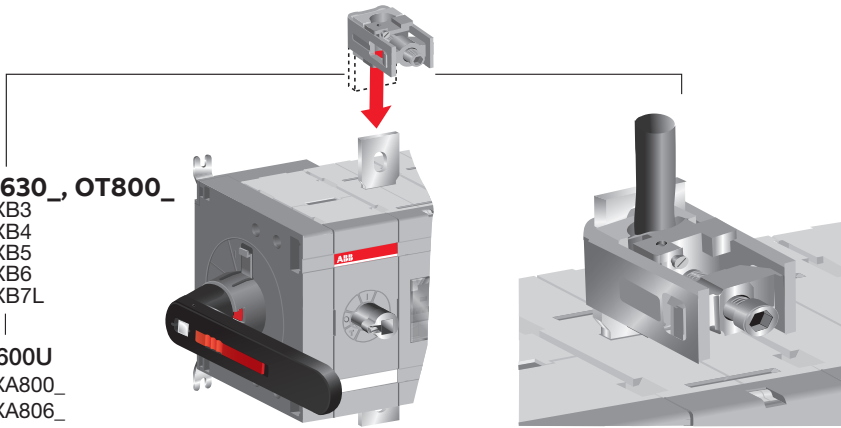


# Labels



# Terminal clamps

## OZX\_



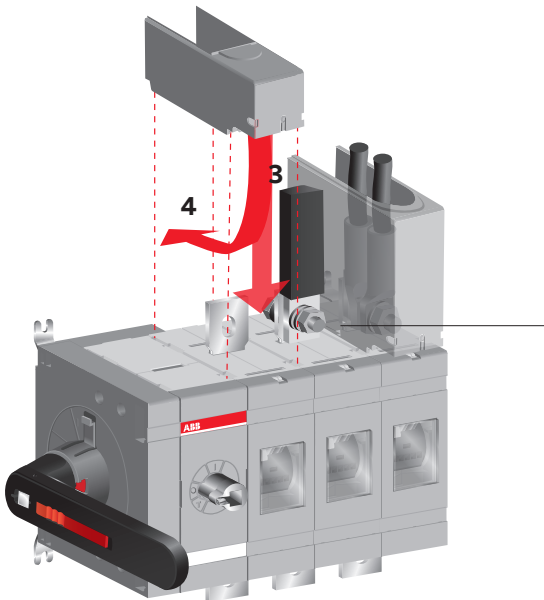
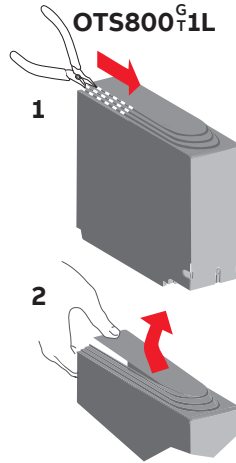
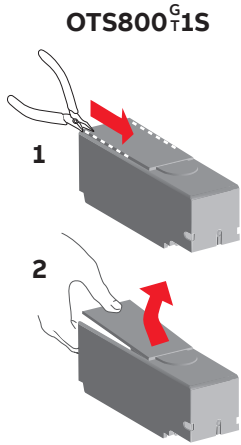
**OT630\_, OT800\_**  
OZXB3  
OZXB4  
OZXB5  
OZXB6  
OZXB7L

**OT600U**  
OZXA800\_  
OZXA806\_

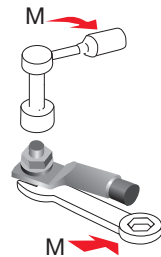
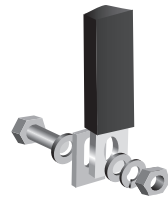
K4A00245

# Terminal shrouds

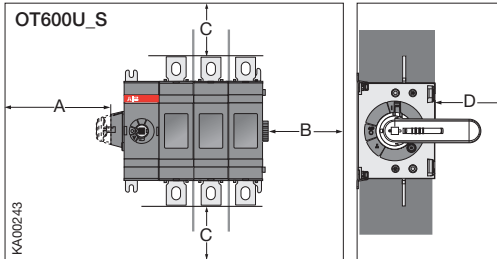
OTS\_



M12 50...75 Nm  
443-664 lb.in



## Clearances per UL98



### Minimum enclosure size or equivalent volume

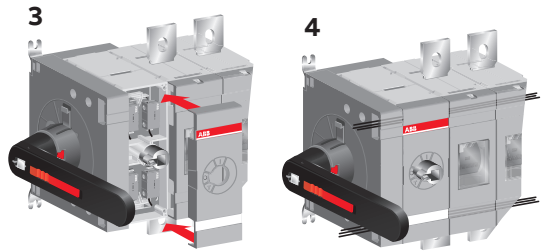
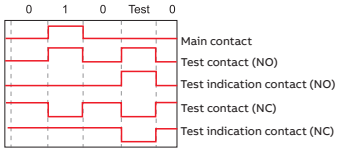
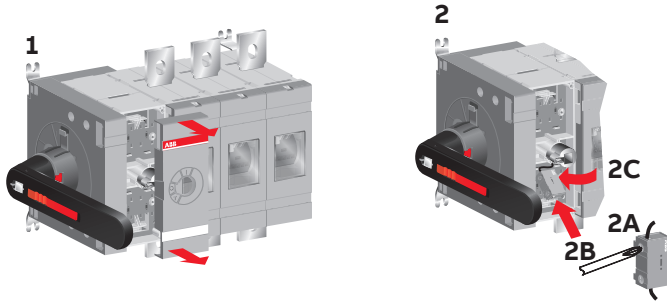
Current	Height	Width	Depth
575 A	610	508	254
600 A	600	700	300

A	B	D
0	13 mm / 0.5 in	13 mm / 0.5 in

AWG	C	MCM	C
2	100 mm 4 in	250	200 mm 8 in
1	100 mm 4 in	300	250 mm 10 in
1/0	125 mm 5 in	350	300 mm 12 in
2/0	150 mm 6 in	400	330 mm 13 in
3/0-4/0	175 mm 7 in	500	356 mm 14 in
		600	381 mm 15 in

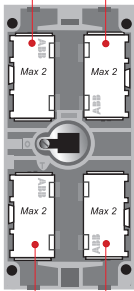
# Auxiliary contacts

OA\_



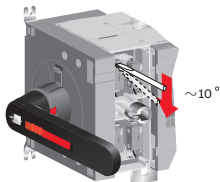
**NO: OA1G10**  
**NC: OA3G01**

Test contact

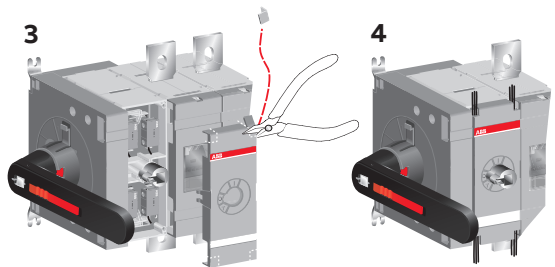


Test indication contact

**Remove**



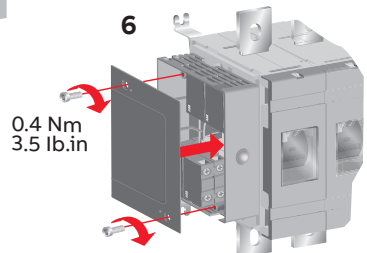
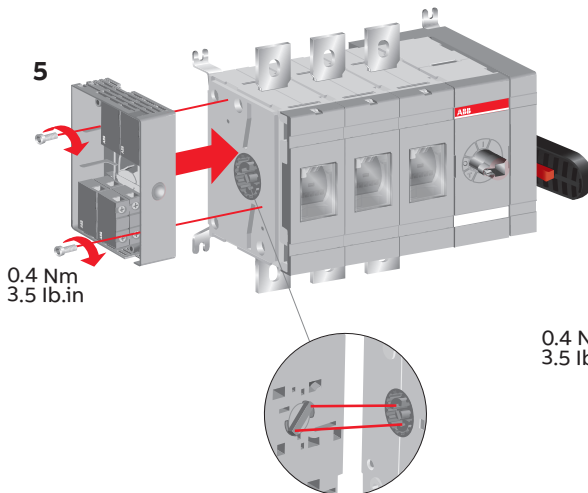
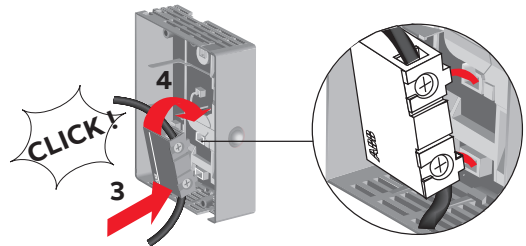
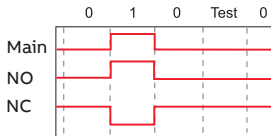
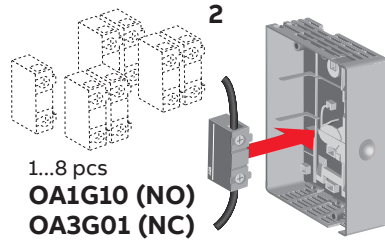
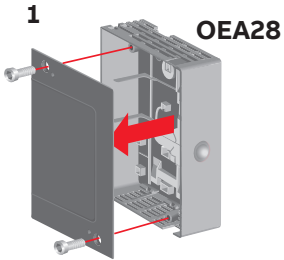
OR



# Module for aux. contacts

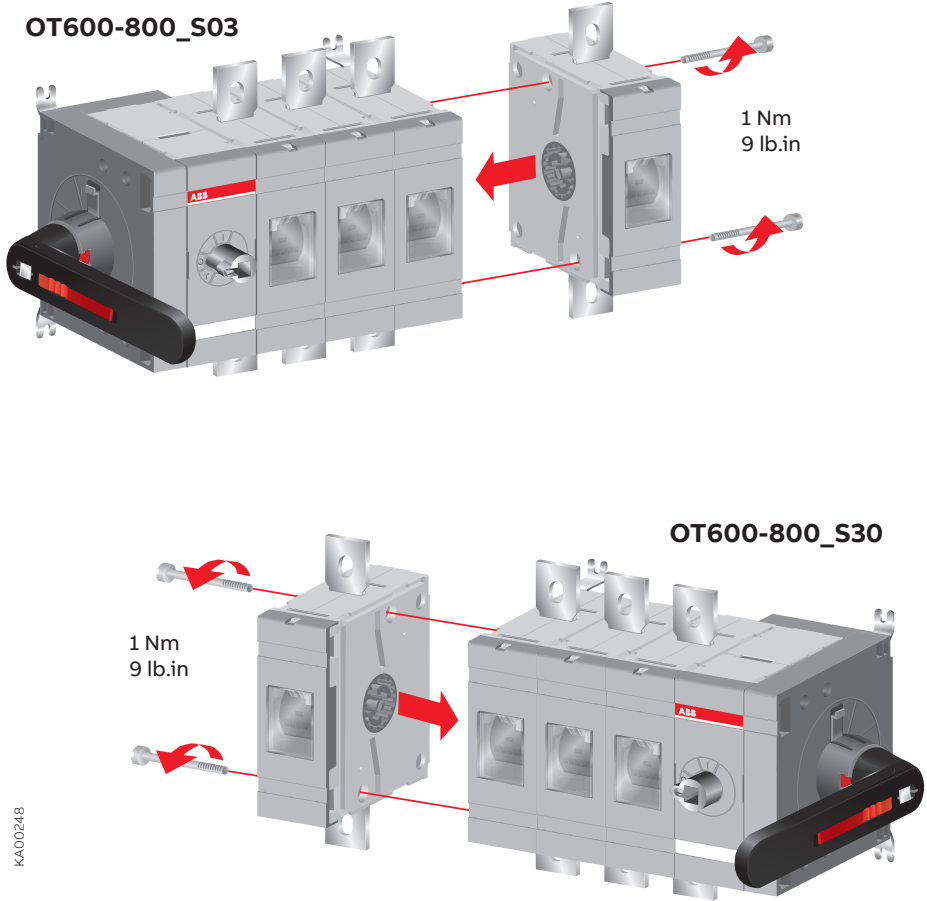
## OEA28

Note: Only for OT\_S10, OT\_S20, OT\_S30 and OT\_S40 types.



# Fourth pole

## OTZ800E

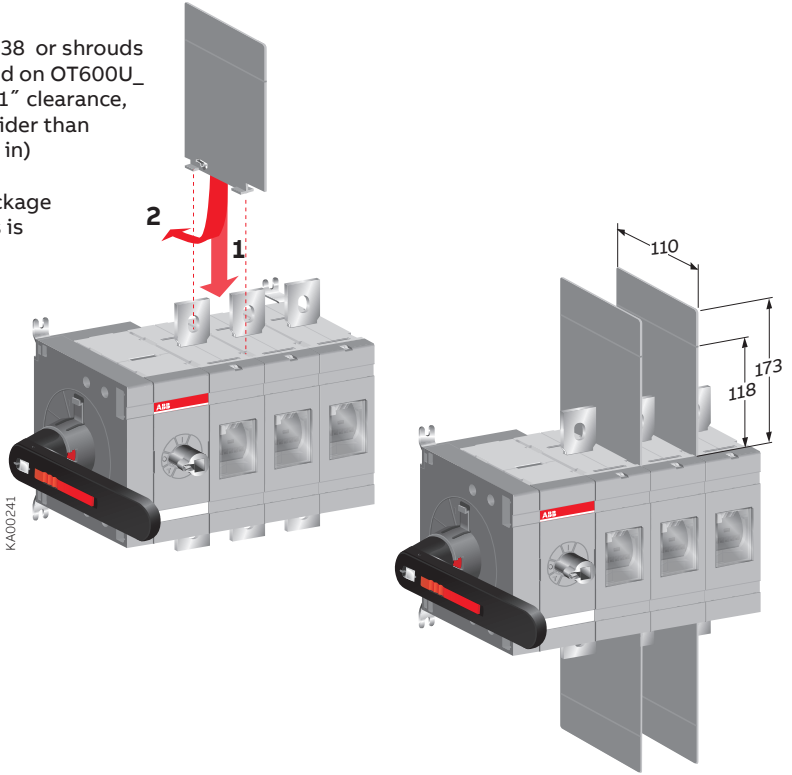


# Phase separators

## OTB\_

Barriers 68838 or shrouds must be used on OT600U\_ to maintain 1" clearance, if lugs are wider than 39 mm (1.54 in)

Type for package of 6 barriers is OTB 800/6.

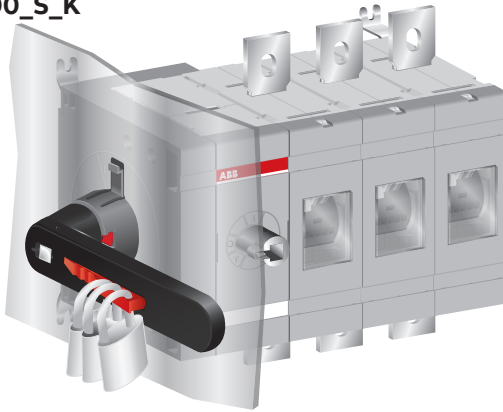


# Handles

Note: Use protection against direct contact.  
For example:

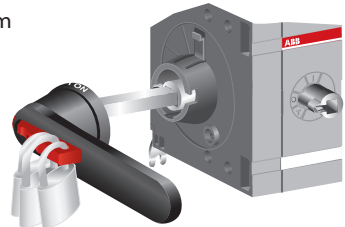
## OT600-800\_S\_K

Ø5...6 mm



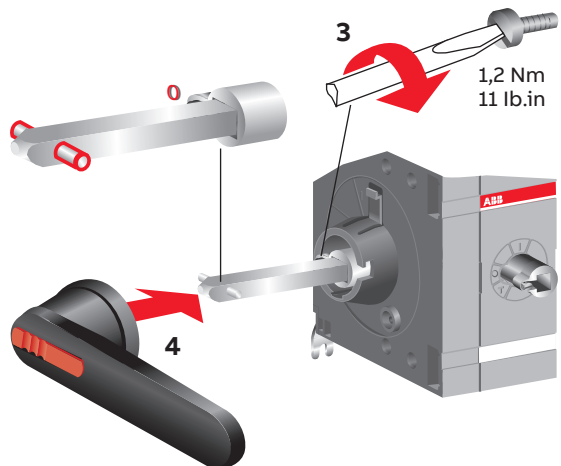
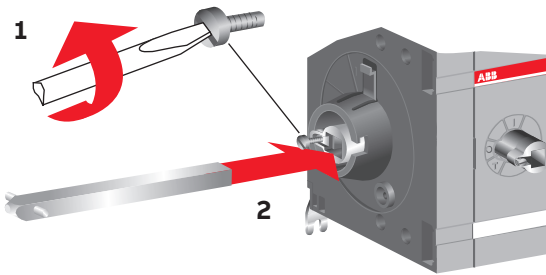
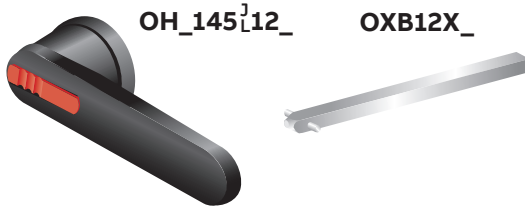
## OT600-800\_S\_, OH\_145<sup>1</sup>12\_

Ø5...10 mm



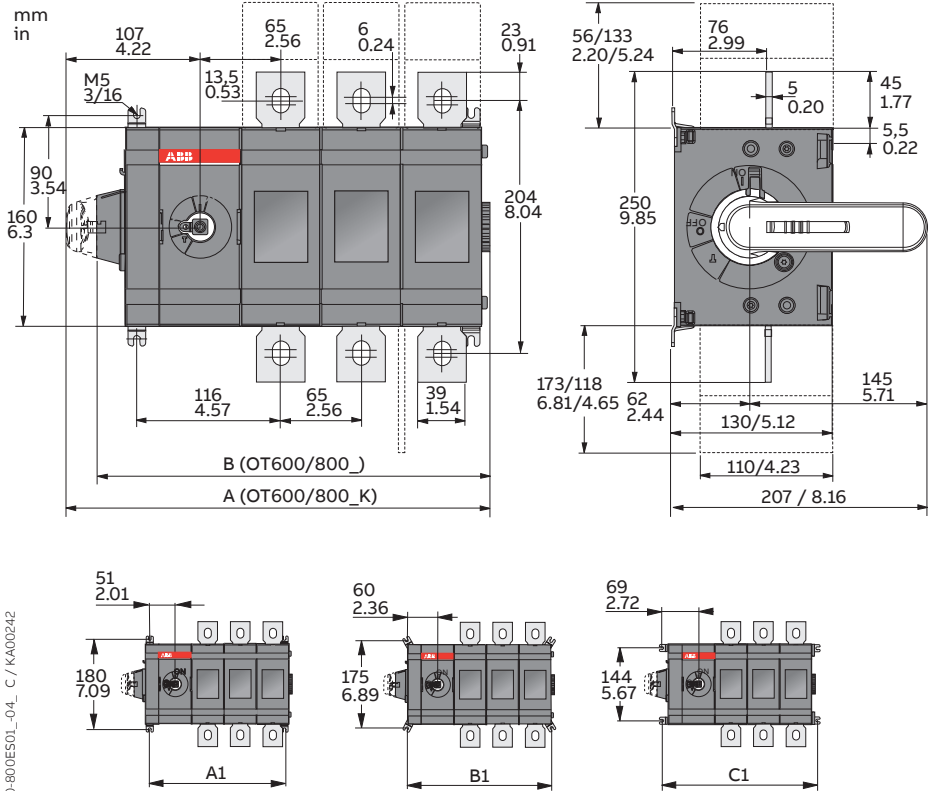
# Handles

OT600-800\_S/OH\_145<sup>3</sup> 12\_



# Dimension drawing

## OT600-800\_S



MOD147/OT600-800ES01\_04\_ C / KA00242

mm/in

	OT600/630/800_S, OT600/630/800_K			
	ES01/US01	ES02/US02	ES03/US03	ES04/US04
A	211/8.31	276/10.87	341/13.43	406/16
B	186/7.33	251/9.89	316/12.45	381/15.01
A1	140/5.51	205/8.08	270/10.64	335/13.2
B1	158/6.22	223/8.79	288/11.34	353/13.91
C1	176/6.93	241/9.49	306/12.06	371/14.62



<b>BG</b>	Внимание! Опасно напряжение! Да се монтира само от лице с електротехническа квалификация.
<b>CN</b>	警告！电压危险！只能由专业电工进行安装。
<b>CZ</b>	Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!
<b>DA</b>	Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.
<b>DE</b>	Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.
<b>EL</b>	Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους ηλεκτροτεχνικούς.
<b>EN</b>	Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.
<b>ES</b>	¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.
<b>ET</b>	Hoiatus! Ohtlik pinge. Paigaldada võib ainult elektrotehnika-alane ekspert.
<b>FI</b>	Varoitus! Vaarallinen jännite! Asennuksen voi tehdä vain sähköalan ammattihenkilö.
<b>FR</b>	Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.
<b>HR</b>	Upozorenje! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.
<b>HU</b>	Figyelmeztetés! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.
<b>IE</b>	Rabhadh! Voltas guaiseach! Ba chóir do dhuine ag a bhfuil saineolas leictreicniúil, agus an té sin a mháin, é seo a shuiteáil.
<b>IT</b>	Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.
<b>LT</b>	Dėmesio! Pavojinga įtampa! Dirbti leidžiama tik elektrotechniko patirties turintiems asmenims.
<b>LV</b>	Uzmanību! Bīstami - elektrība! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās zināšanas.
<b>MT</b>	Twissija! Vultagħ perikoluż! Għandu jġi installat biss minn persuna b'kompetenza elettroteknika.
<b>NL</b>	Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.
<b>NO</b>	Advarsel! Farlig spenning! Montering skal kun utføres av kvalifiserte personer med elektrokompetanse.
<b>PL</b>	Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.
<b>PT</b>	Aviso! Tensão perigosa! A instalação só deve ser realizada por um electricista especializado.
<b>RO</b>	Avertizare! Tensiune periculoasă! Instalarea trebuie efectuată numai de către o persoană cu experiență în electrotehnică.
<b>RU</b>	Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.
<b>SE</b>	Varning! Farlig spänning! Installation får endast utföras av en elektriker.
<b>SK</b>	Varovanie! Nebezpečné napätie! Montáž môže vykonávať iba skúsený elektrotechnik.
<b>SL</b>	Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.



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## Contact us

### **ABB Oy**

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Vaasa, Finland

**[abb.com/lowvoltage](https://abb.com/lowvoltage)**