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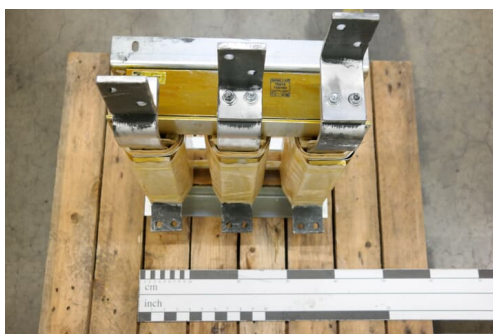
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# КОМПЛЕКТУЮЩИЕ ДЛЯ ПРИВОДОВ

## Техническое описание

### на выходные дроссели

# НОСН



# Technical data

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**Nominal voltage:** 380 ... 690 V  $\pm$  10%.

**Rated short-time withstand current:** 50 kA 1 s.

**Applicable standards and markings:** EN 60204-1, EN 60529, EN 61800-3, EN 50178, CE marking, UL approval.

## Ambient conditions, operation

**Air temperature:** -15 to +50 °C. At temperatures from +40 °C to +50 °C, the rated output current is decreased by 1% for every additional 1 °C. The output current is calculated by multiplying the current given in the rating table by the derating factor.

**Relative humidity:** 5% to 95%, no condensation allowed. Maximum allowed relative humidity is 60% in the presence of corrosive gases.

**Installation site altitude:** 0 to 4000 m. At altitudes from 1000 to 4000 m above the sea level, the rated output current is decreased by 1% for every 100 m.

### Vibration:

AOCH0xxx-70: Max 1 mm (5 to 13.2 Hz), max 7 m/s<sup>2</sup> (13.2 to 100 Hz) sinusoidal (IEC 60068-2)

NOCH0xxx-6x: Max 0.3 mm (2 to 9 Hz), max 1 m/s<sup>2</sup> (9 to 200 Hz) sinusoidal (IEC60068-2)

**Shock:** Max 70 m/s<sup>2</sup>, 22 ms (IEC 60068-2-27)

## Ambient conditions, storage

**Temperature:** -40 to +70 °C.

**Relative humidity:** Less than 95%, no condensation allowed

**Atmospheric pressure:** 70 to 106 kPa

### Vibration:

AOCH0xxx-70: Max 1 mm (5 to 13.2 Hz), max 7 m/s<sup>2</sup> (13.2 to 100 Hz) sinusoidal (IEC 60068-2)

NOCH0xxx-6x: Max 0.3 mm (2 to 9 Hz), max 1 m/s<sup>2</sup> (9 to 200 Hz) sinusoidal (IEC 60068-2)

**Shock:** Max 100 m/s<sup>2</sup>, 11 ms (IEC 60068-2-27)

## Ambient conditions, transportation

Ambient transportation conditions refer to the conditions du/dt filters are subjected to during transportation in the protective package.

**Temperature:** -40 to +70 °C

**Relative humidity:** Less than 95%, no condensation allowed.

**Atmospheric pressure:** 60 to 106 kPa

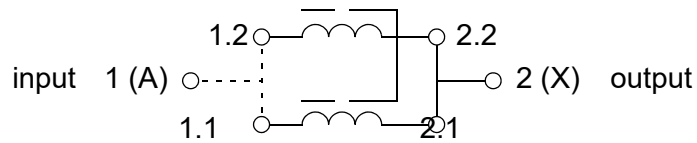
**Vibration:** Max 3.5 mm (2 to 9 Hz), max 15 m/s<sup>2</sup> (9 to 200 Hz) sinusoidal (IEC 60068-2)

**Shock:** Max 100 m/s<sup>2</sup>, 11 ms (IEC 60068-2-27)

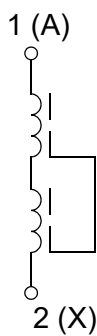
**Bump:** Max 300 m/s<sup>2</sup>, 6 ms (IEC 60068-2-29)

**Free fall:** 250 mm

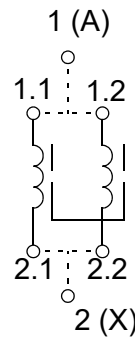
## Internal circuit diagrams



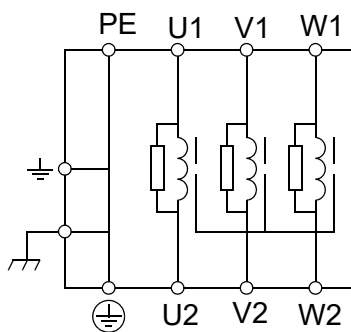
AOCH0xxx-70: Connect the input terminals together.



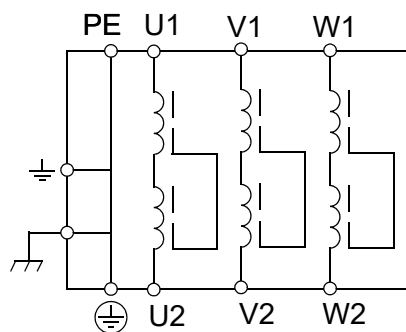
NOCH0120-60



NOCH0260-60  
NOCH0400-60  
NOCH0760-60



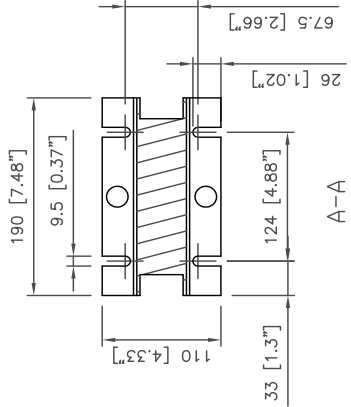
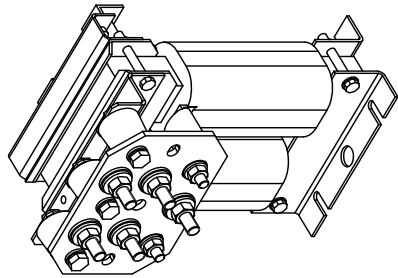
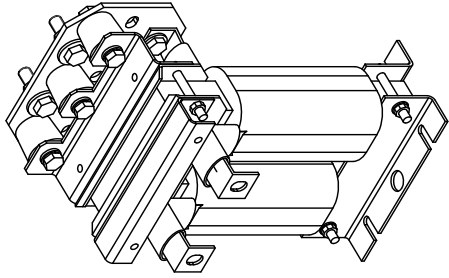
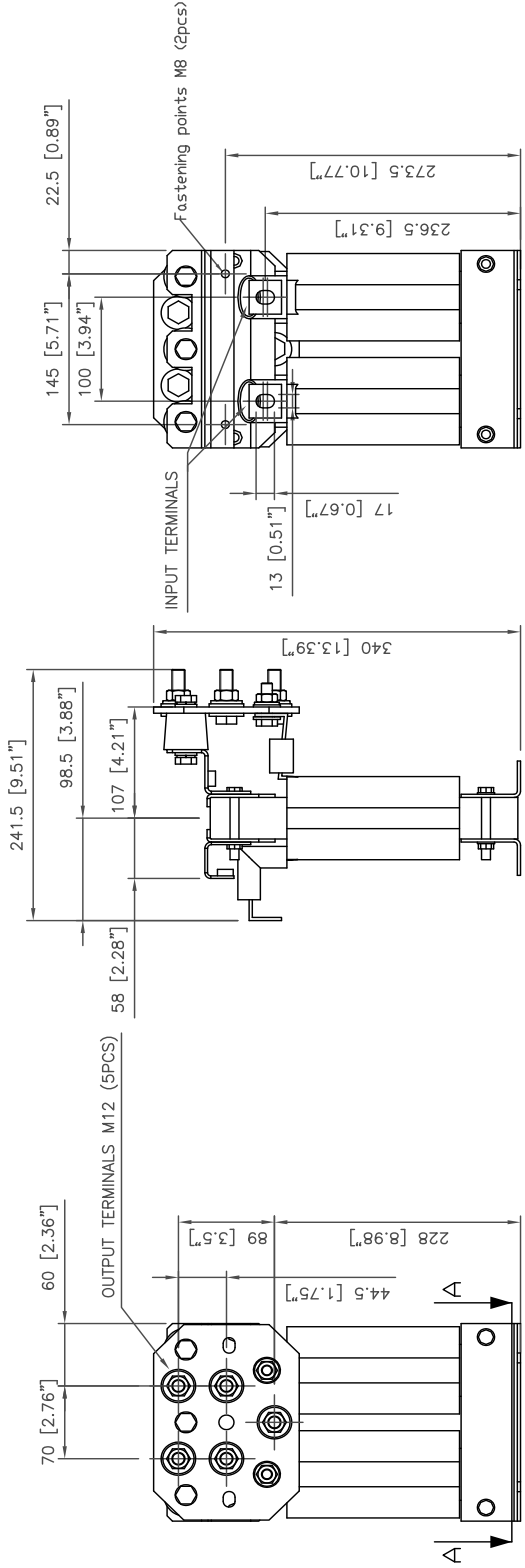
NOCH0016-6x  
NOCH0030-6x  
NOCH0070-6x



NOCH0120-6x

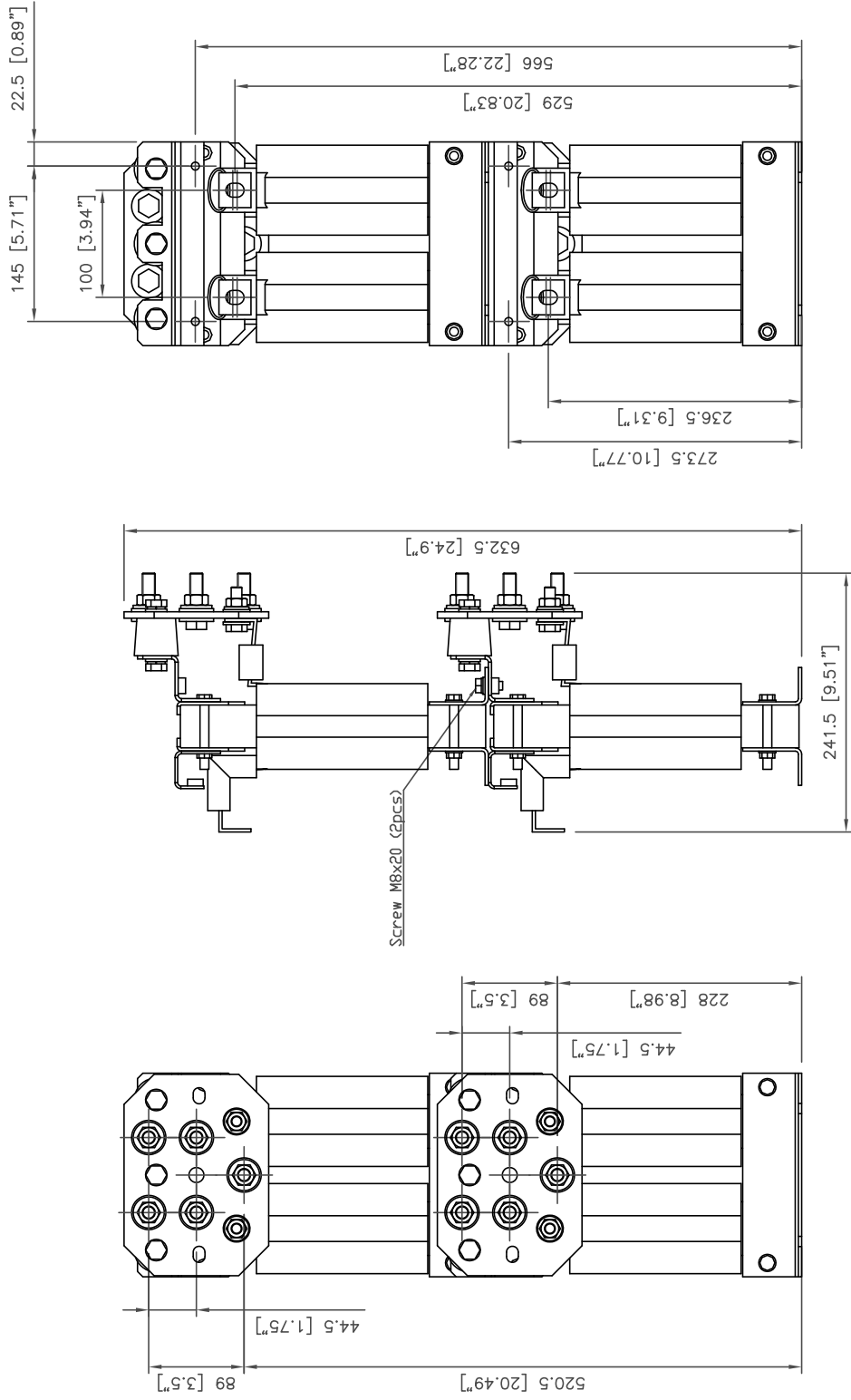
# Dimension drawings

AOCH0260-70, single phase filter  
 du/dt filter kit includes 3 pieces of single phase filters.



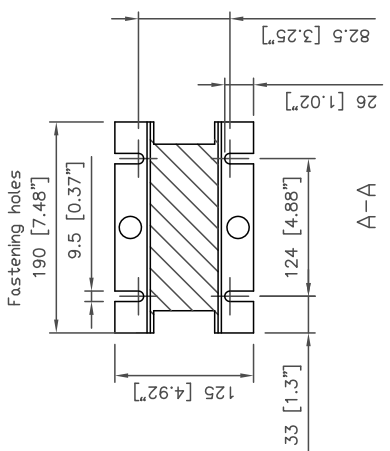
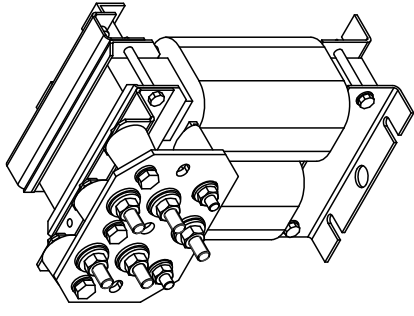
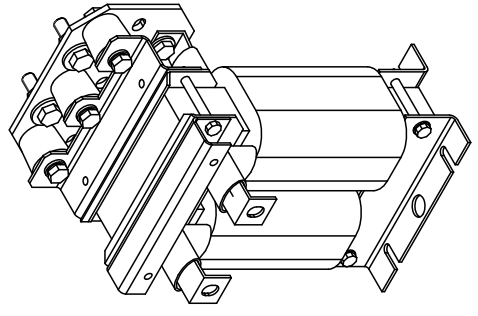
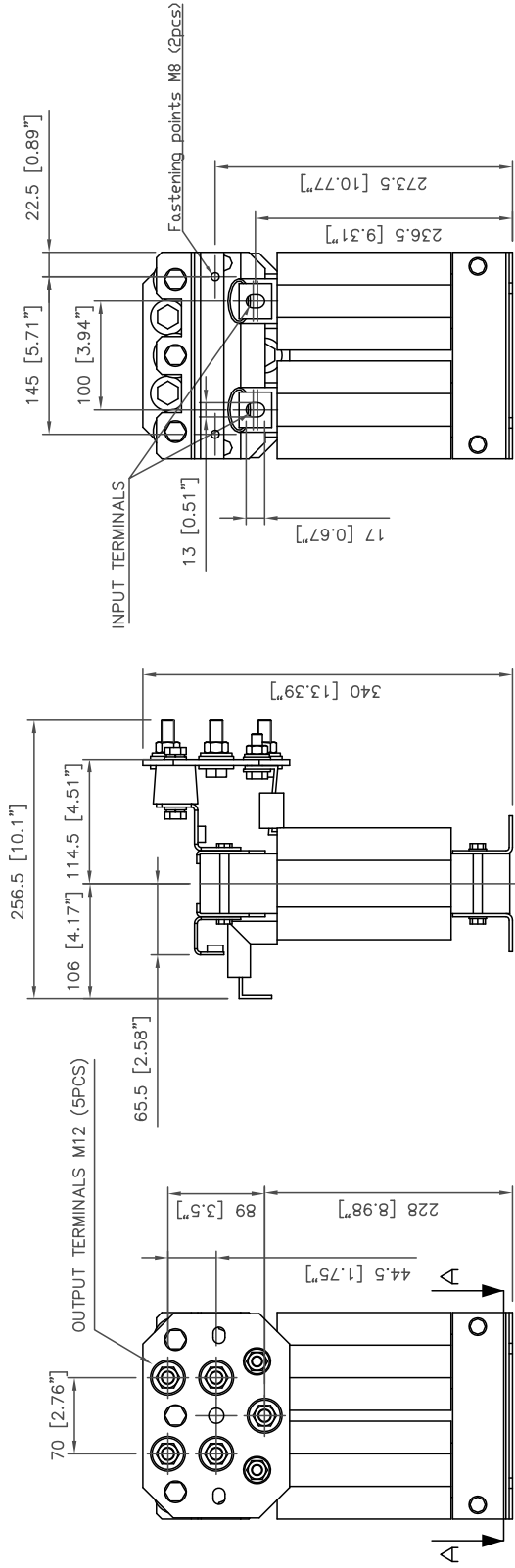
AOCH0260-70

du/dt filter kit includes 3 pieces of single phase filters.	
Cable size:	3x(3x185) Weight: 15.9 kg (35.1 lbs)
Screw size:	M12 $I_{TH}$ 227 A <sub>rms</sub>
Power loss:	147 W L 74 $\mu$ H



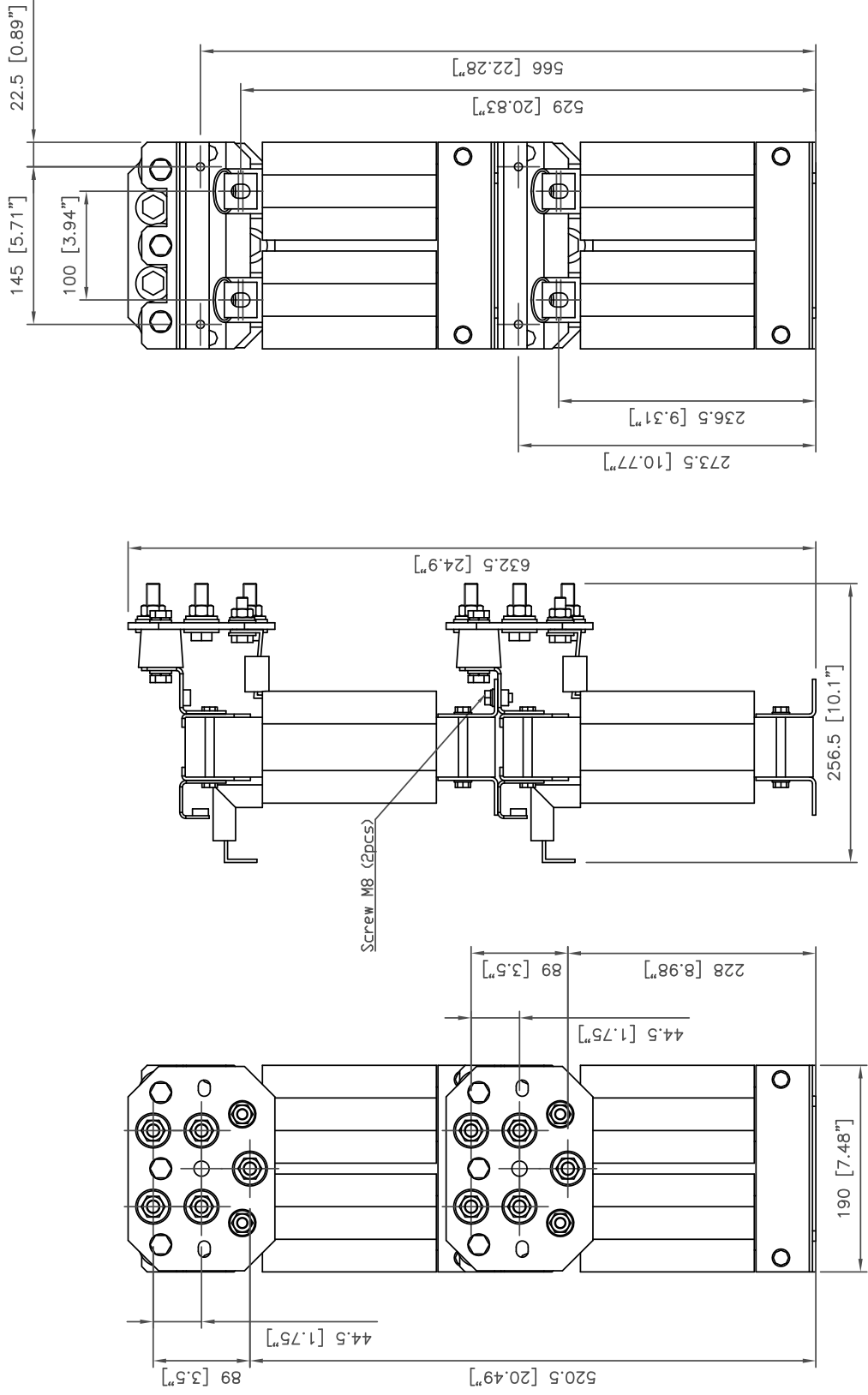
Alternative assembly

AOCH0400-70, single phase filter  
 du/dt kit includes 3 pieces of single phase filters.



### AOCH0400-70

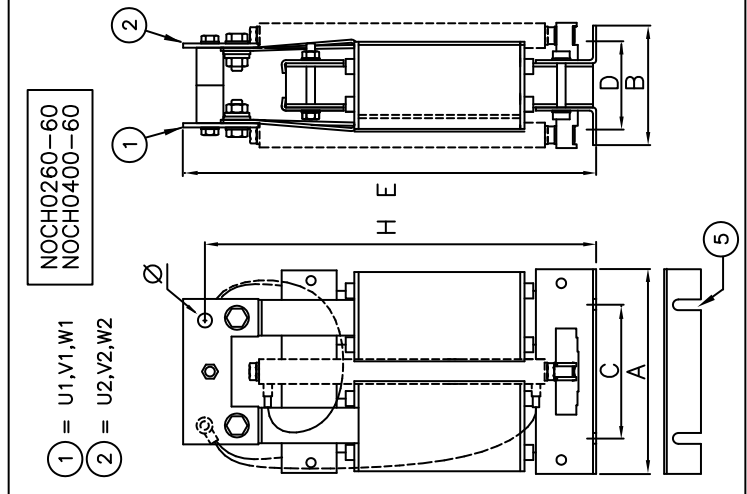
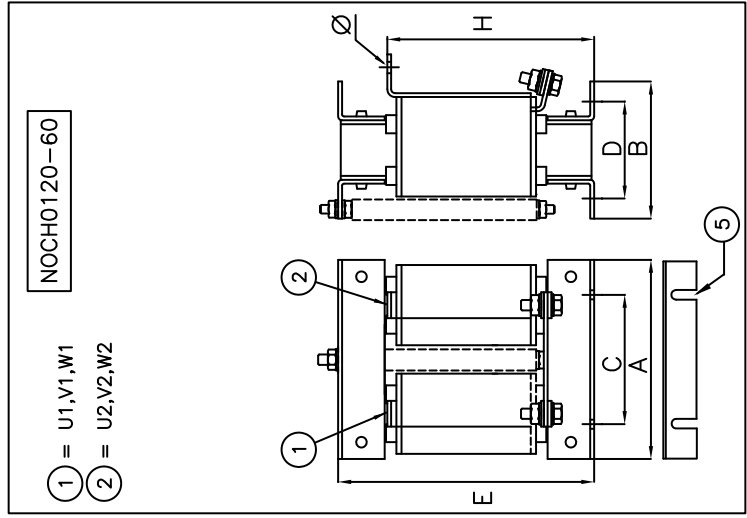
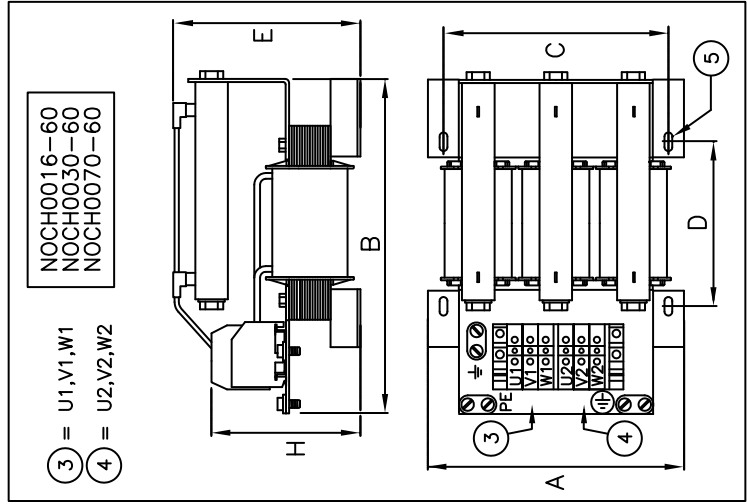
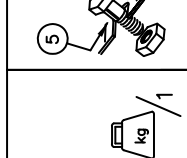
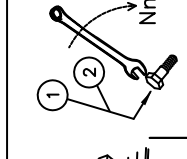
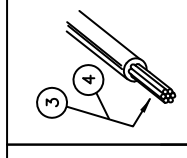
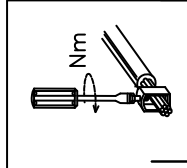
du/dt filter kit includes 3 pieces of single phase filters.	
Cable size:	3x(3x185) Weight: 20.7 kg (45.6 lbs)
Screw size:	M12 7TH 355 A <sub>rms</sub>
Power loss:	250 W L 52 µH



Alternative assembly

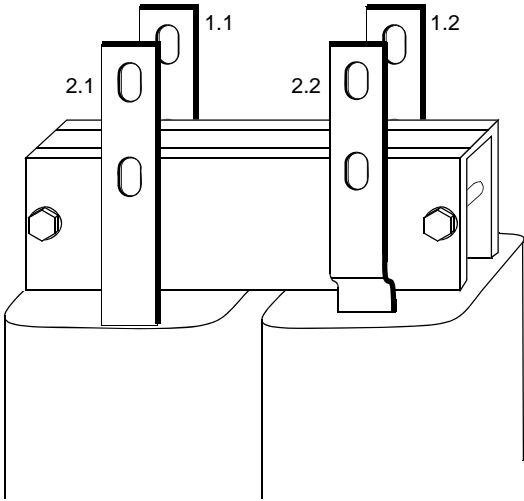
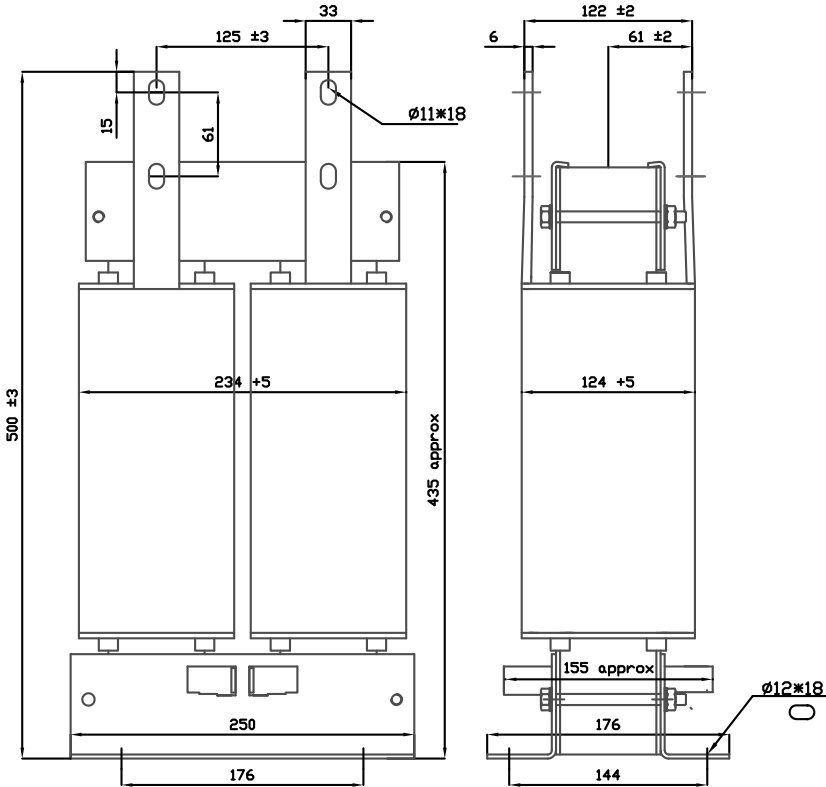
NOCH0120-60, NOCH0260-60 and NOCH0400-60 du/dt kits include 3 filters.

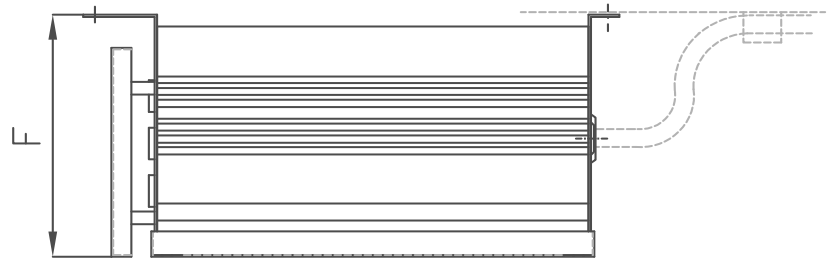
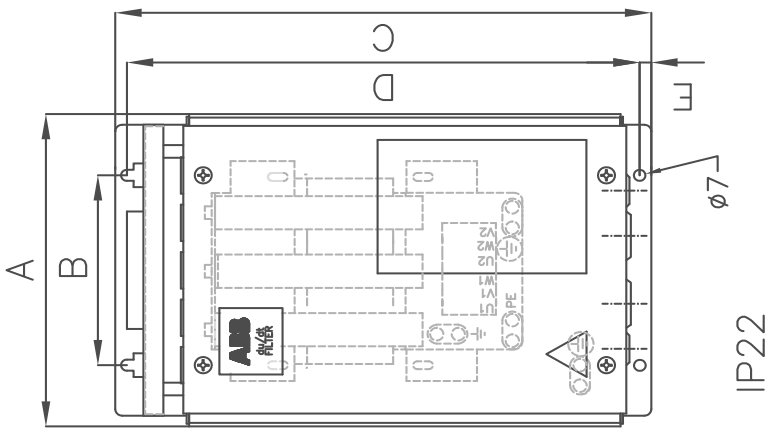
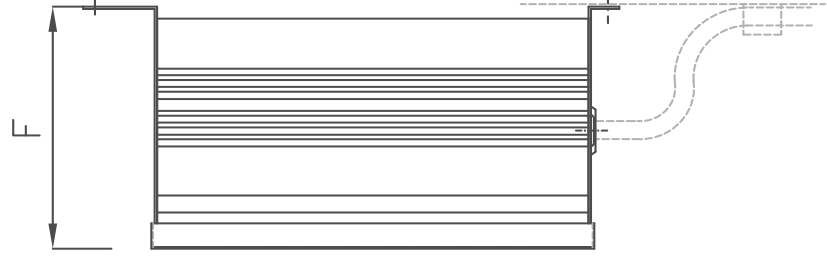
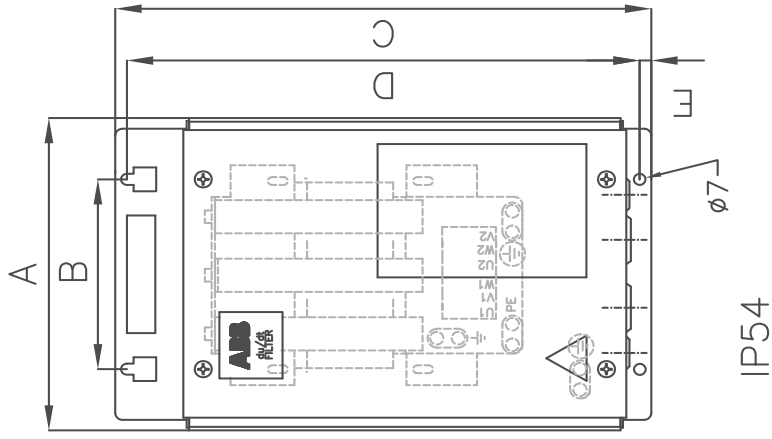
L2	mm								kg	Nm	mm <sup>2</sup>	Nm
	A	B	C	D	E	H	Ø					
NOCH0016-60	140	195	120	85	115	83	-	2.4	M5	4	0.2...10	1.5
NOCH0030-60	165	215	145	108	130	95	-	4.7	M5	4	0.5...16	1.5
NOCH0070-60	180	261	170	125	150	120	-	9.5	M6	6	10...35	2.5
NOCH0120-60	154	106	100	75	200	160	9	7	M8	20	-	-
NOCH0260-60	185	111	124	82	383	368	13	12	M10	30	-	-
NOCH0400-60	185	126	124	97	383	368	13	17	M10	30	-	-






NOCH0760-60 Weight: 43 kg (95 lbs)  
du/dt filter kit includes 3 filters.





	A	B	C	D	E	F	 / 1	
IP22	NOCH0016-62	120	323	309	7	154	6	
	NOCH0030-62	249	348	334	7	172	9	
	NOCH0070-62	279	180	433	419	7	202	15.5
IP54	NOCH0016-65	120	323	309	7	154	6	
	NOCH0030-65	249	160	348	334	7	172	9
	NOCH0070-65	279	180	433	419	7	202	15.5



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