



COMBI-PRO-MAX

Control and protection system for **backup applications and island operation.**

DATASHEET

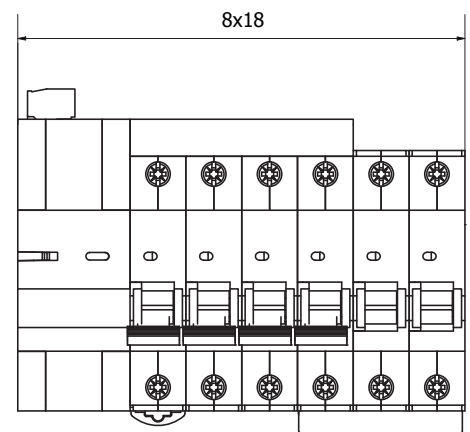
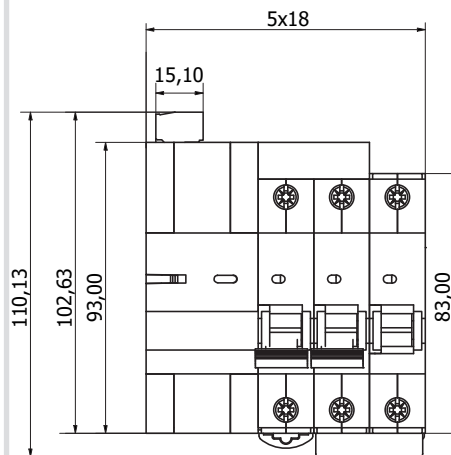
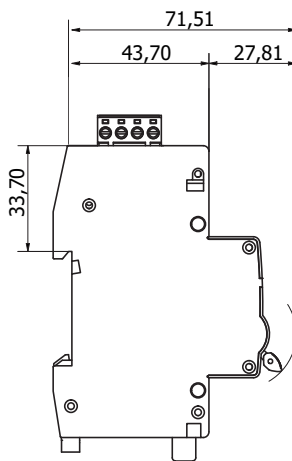


COMBI-PRO-MAX-2P



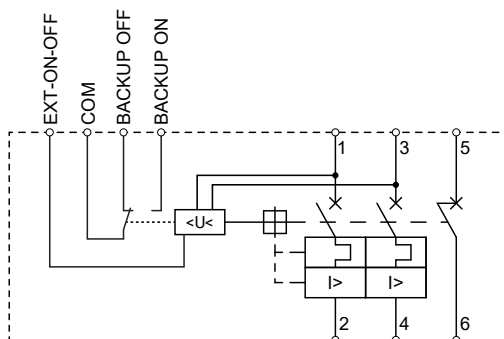
COMBI-PRO-MAX-4P

Dimensions

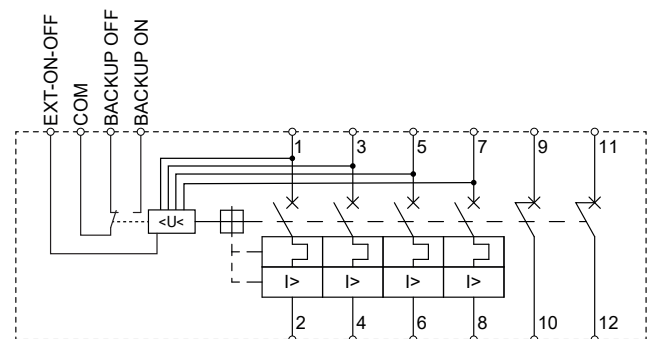


Electrical diagrams

COMBI-PRO-MAX-2P



COMBI-PRO-MAX-4P





Technical specifications

	COMBI-PRO-MAX-2P-3.0	COMBI-PRO-MAX-4P-3.0
GENERAL	Rated Voltage Un	230 VAC (L/N)/(L/L)
	Supply frequency	50-60 Hz
	Maximum power consumption	5 W
	Rated power consumption	1.5 W
	Maximum terminal cross-section	25 mm ² (power) / 2.5 mm ² (control)
	Environmental limits	-25°C +55°C / 93% R.H.
	N° of DIN modules	5 8
BACKUP	Response time	2 s
	Reconnection time	180 s
	Contact	Dry contact up to 12 VAC/VDC, 0.1 A
PERM. POP	Disconnection voltage	according to IEC 63052
	Disconnection time	
	Reconnection voltage	<255 V ± 2 %
	Reconnection time	200 s ± 5 %
UNDERVOLT.	Disconnection voltage	<170 V ± 2 %
	Disconnection time	10 s ± 5 %
	Reconnection voltage	>200 V ± 2 %
	Reconnection time	200 s ± 5 %
MCB	Rated current In	16, 20, 25, 32, 40, 50, 63 A (according to model)
	Tripping curve code	C
	Energy limiting class	3
	Insulation voltage Ui	500 V
	Rated impulse withstand voltage Uimp	4 kV
	Breaking capacity Icn	6 kA
	Rated operating short circuit breaking capacity Ics	6 kA
MECHANICAL	Protection degree	IP20
	Pollution degree	2
	Tightening torque	2.5 Nm
	Mounting	Rail DIN 35 mm
	Approx. average weight	450 g 700 g
	Approx. packed weight	500 g 800 g
	Dimensions (width x height x depth)	90 x 90 x 71 mm 140 x 90 x 71 mm
COMPLIANCE	POP	IEC 63052
	MCB	IEC 60898
	ARD	IEC 63024
	Directives	2014/35/UE (LVD)
		2014/30/UE (EMC) 2011/65/UE (RoHS)



Models

COMBI-PRO-MAX-2P

Code	Reference
10004919	COMBI-PRO-MAX-2P16
10004920	COMBI-PRO-MAX-2P20
10004921	COMBI-PRO-MAX-2P25
10004922	COMBI-PRO-MAX-2P32
10004923	COMBI-PRO-MAX-2P40
10004924	COMBI-PRO-MAX-2P50
10004925	COMBI-PRO-MAX-2P63

COMBI-PRO-MAX-4P

Code	Reference
10004941	COMBI-PRO-MAX-4P16
10004942	COMBI-PRO-MAX-4P20
10004943	COMBI-PRO-MAX-4P25
10004944	COMBI-PRO-MAX-4P32
10004945	COMBI-PRO-MAX-4P40
10004946	COMBI-PRO-MAX-4P50
10004947	COMBI-PRO-MAX-4P63

Compatible inverters

COMBI-PRO-MAX 2P	COMBI-PRO-MAX 4P
Huawei SUN2000-(2KTL-6KTL)-L1	Huawei SUN2000-(3KTL-10KTL)-M1
Huawei SUN2000-(8K-10K)-LC0	Huawei SUN2000-(12K-25K)-MBO
Huawei SUN2000-(3K-6K)-LB0	Huawei SUN5000-(17K,25K)-MBO
Kostal Plenticore MP G3	Huawei SUN2000-(5K-12K)-MAP0
GROWATT MIN-(2500-6000)-TL-XH	Huawei SUN5000-(8K,12K)-MAP0
SIGENERGY Sigen Hybrid SP2	Kostal Plenticore G3
SIGENERGY Sigenstor SP	SIGENERGY Sigen Hybrid TP2
	SIGENERGY Sigenstor TP

Scan for more information:

