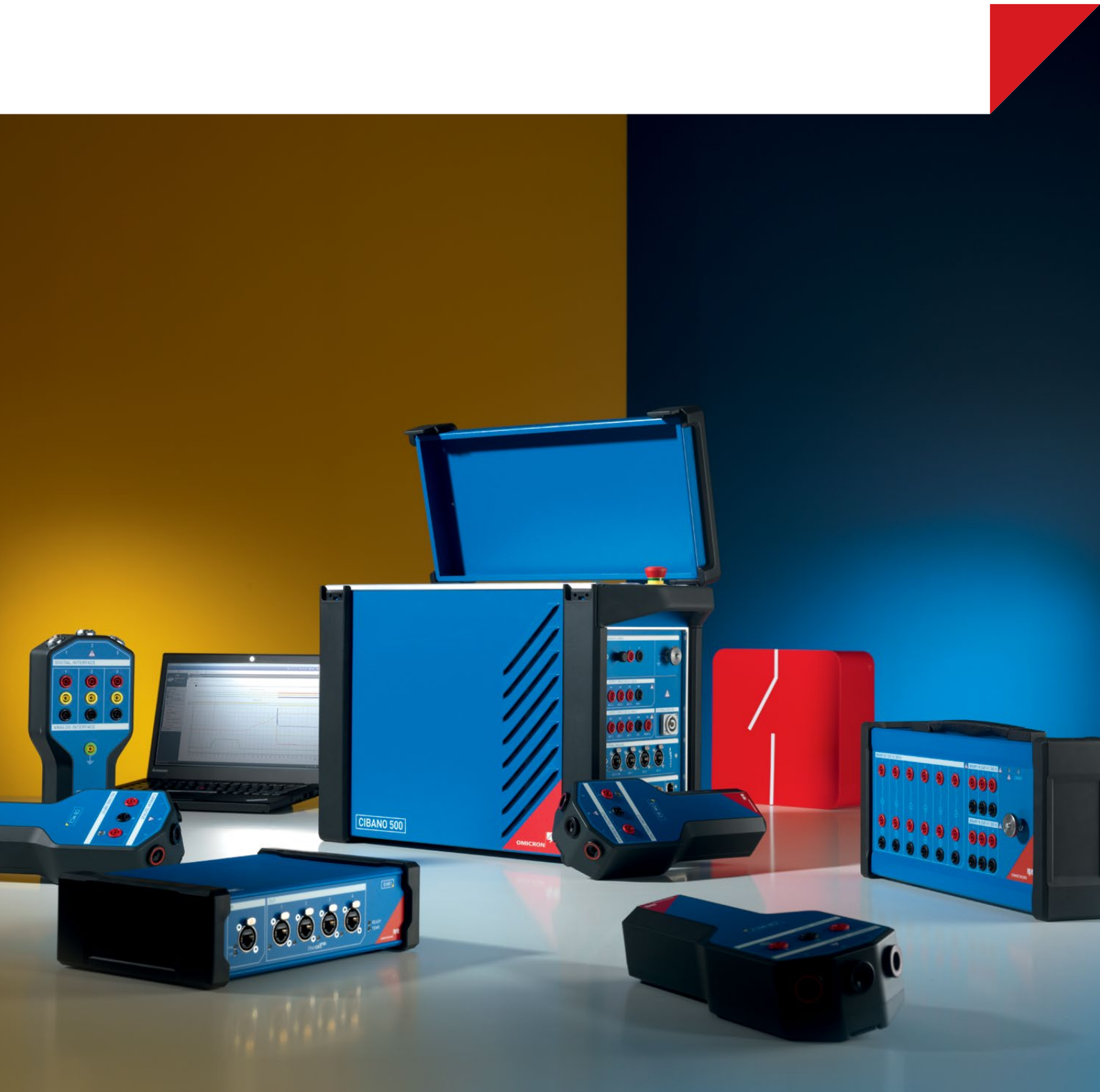


CIBANO 500

Ordering Information



Packages

You can order one of the CIBANO 500 Packages in the table below. Each package has a certain default configuration for the CIBANO 500 main device and various accessories.¹

Package	Default configuration	Description	Item no.
Standard	without module	This entry package includes Timing and Contact Resistance tests. In-between measurements rewiring is needed.	P0000651
Advanced	with EtherCAT® Module	The included CB MC2's make this package ideal for testing HV Live Tank breakers. For testing HV GIS breakers, an additional CSM Upgrade Option is recommended.	P0005864
Dead Tank	with Auxiliary Module	Ideal for Dead Tank breaker testing.	P0005865
Medium Voltage	with Auxiliary Module	Ideal for Medium Voltage breaker testing; comprehensive set of measurement methods.	P0000256

When you order a CIBANO 500 Standard Package, you can modify the default configuration of the CIBANO 500 main device by adding a configuration string.

The following configurations are possible:

- > without module
- > with EtherCAT® Module with four EtherCAT® ports (configuration string: ECAT)
- > with Auxiliary Module with one EtherCAT® port and three binary inputs to measure the state of auxiliary contact (configuration string: AUX)

CIBANO 500 Standard Package with Auxiliary Module: P0000651-AUX

CIBANO 500 Standard Package with EtherCAT® Module: P0000651-ECAT

Advanced Package



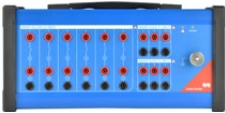
¹ For further details on the contents of each package, please refer to the following pages.

Options

Option	Description	Item no.
EHB1	EHB1 including cables and accessories.	P0006365
IOB1	IOB1 including cables and accessories.	P0006368
CB MC2	CB MC2 including cables and accessories.	P0006355
Motion Linear Basic	CB TN3, one digital linear transducer including cables and accessories.	P0006357
Motion Rotary Basic	CB TN3, one digital rotary transducer including cables and accessories.	P0006356
Motion Linear Standard	CB TN3, three digital linear transducers including, cables and accessories.	P0006360
Motion Rotary Standard	CB TN3, three digital rotary transducers including, cables and accessories.	P0006361
CSM	Current Sensor Measurement license with three Rogowski coils and cables.	P0006370
VTM	Voltage-based timing measurement license and cables.	P0006586
SAA2 safety accessory	Cascadable safety accessory (up to six signal lamps) to mark testing area, including emergency button and optional audible signal. Detailed ordering information and package descriptions: omicronenergy.com/en/products/saa2-warning-lamp/	–

Field upgrade option	Description	Item no.
EtherCAT® Module	EtherCAT® Module including mounting accessories.	P0006239
Auxiliary Module	Auxiliary Module including mounting accessories	P0006240
Standard to Advanced package		P0006359
Dead Tank to Advanced package		P0006243
Medium Voltage to Advanced package		P0000257

Main components

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	CIBANO 500 main control unit; image shows Standard package without built-in module. EtherCAT® or Auxiliary modules can be ordered as part of a package or independently.		1x	1x	1x	1x												
	EtherCAT® module			1 x														
	EtherCAT® module for field upgrade, including tools and mounting instructions	P0006239					1x											
	Auxiliary module				1 x	1 x												
	Auxiliary module for field upgrade, including tools and mounting instructions	P0006240																
	Main Contact Module CB MC2			3x			3x	3x	3x			1x						
	Transducer Node CB TN3	P0000267			1x	1x							1x	1x	1x	1x		
	EtherCAT® hub EHB1							1x	1x	1x								
	Input / output module IOB1										1x							

PC/Cloud software licenses

Description	Item no.	Standard P0000651			
		Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	
 Primary Test Manager (PTM) DVD	P0006740	1x	1x	1x	1x
Advanced Reporting, basic set-up with 3 users	P0000940				
Advanced Reporting, one additional user	P0000773				
Advanced Timing, basic set-up with 3 users	P0000975				
Advanced Timing, one additional user	P0000774				
Circuit Breaker Testing Library (CBTL), basic set-up with 3 users	P0007012				
Circuit Breaker Testing Library (CBTL), one additional user	P0000775				
PTM Inspection Test, basic set-up with 3 users	P0000953				
PTM Inspection Test, one additional user	P0000770				
PTM Insulation Resistance Test, basic set-up with 3 users	P0000954				
PTM Insulation Resistance Test, one additional user	P0000771				
DGA Trending, incl. in DataSync(Web) basic set-up with 3 users	P0000955				
DataSync (Web), basic set-up with 3 users, annual subscription	P0006572				
DataSync (Web), one add. user, annual subscription	P0006794				
Data Analytics (Web) for PTM DataSync web users with OData interface	P0006573				

CIBANO 500 software licenses

Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	VTM P0006586	CSM P0006370	CT Demagnetization P0007600
Static contact resistance	P0006809	1x	1x	1x	1x										
Timing	P0006808	1x	1x	1x	1x										
Travel / pressure	P0006807			1x	1x				1x	1x	1x	1x			
Minimum pick-up	P0006805		1x	1x	1x	1x									
Motor current	P0006806		1x	1x	1x	1x									
Current clamp	P0006810		1x	1x	1x	1x									
Dynamic contact resistance	P0006804		1x			1x	1x	1x							
Under-voltage release test	P0000264				1x										
Overcurrent release test	P0000265				1x										
Voltage-based timing measurement (VTM)	P0006815				1x								1x		
Current Sensor Measurement (CSM)	P0006811													1x	
First Trip	P0006814														
CT Demagnetization	P0006812														1x
Manufacturer Application Programming Interface (API)	P0006813														

Clamps and grounding sticks

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EBH1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Kelvin clamp, 3 x 4 mm connector red, 1 x 4 mm connector black	B0975300	2x	2x	2x	2x												
	Kelvin clamp, red, 1x 4 mm connector, 1x 6 mm connector	B0835902		6x			6x	6x	6x			2x						
	Kelvin clamp, black, 1 x 4 mm connector, 1 x 6 mm connector	B0836302		3x			3x	3x	3x			1x						
	Ratchet Kelvin clamp, red, 1x 4 mm connector, 1x 6 mm connector	B1474500																
	Ratchet Kelvin clamp, black, 1x 4 mm connector, 1x 6 mm connector	B1474400																
	Kelvin screw M12	B1225600																
	Kelvin screw M14	B1334400																
	Kelvin screw M16	B1259800																
	Stick clamp for grounding stick	B2122300																
	Set of six stick clamps. Including HE adapters (E2129300) and longer cables (B1326500, B1462700)	P0000259																
	Grounding stick connection hexagon big (HE). Needs S46HE adapter on grounding stick side; Grounding sticks with this adapter can be ordered from www.sf-electric.com/	E2129300																
	Grounding stick connection hexagon small. Needs hexagon spindle SW19 adapter on grounding stick side; Grounding sticks with this adapter can be ordered from www.elsic.de/	E2129500																
	Grounding stick connection bayonete (B). Needs S46B adapter on grounding stick side; Grounding sticks with this adapter can be ordered from www.sf-electric.com/	E2129400																

Clamps

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EBB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Set of one red and one black battery clamp, 4 mm connector	P0006305			3x													
	Set of two red and two black crocodile clamps, 4 mm connector	B0347200	2x	2x	2x	2x												
	Y clamp, 6 mm connector	B0990501		9x			9x	9x	9x			3x						
	Y clamp, 4 mm connector	B1009401		9x			9x	9x	9x			3x						

Cables

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EBH1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Power cord, black, 16 A, 2.5 m / 8 ft (country specific)		1x	1x	1x	1x												
	Power cord, black, 13 A, 2.5 m / 8 ft (country specific)							1x	1x	1x								
	Ethernet PC connection cable, 3 m / 10 ft	E1664400	1x	1x	1x	1x												
	Grounding cable, green / yellow, 6 m / 19.5 ft, 6 mm ²	B0349701	1x	1x	1x	1x					1x							
	Standard measurement cable, black, 5.5 cm / 2 in, 2.5 mm ²	E0439300									8x							
	Standard measurement cable, red, 5.5 cm / 2 in, 2.5 mm ²	E1333600									8x							
	Standard measurement cable, black, 25 cm / 10 in, 2.5 mm ²	E0206600									4x							
	Standard measurement cable, red, 25 cm / 10 in, 2.5 mm ²	E1333500									4x							
	Standard measurement cable, black, 1 m / 3 ft, 2.5 mm ²	E0888100	3x	9x	3x	3x	6x	6x	6x			2x						
	Standard measurement cable, red, 2 m / 6.5 ft, 2.5 mm ²	E0201800									1x							
	Standard measurement cable, black, 2 m / 6.5 ft, 2.5 mm ²	E0201900									1x							
	Standard measurement cable with retractable sleeves, black, 5 cm / 1.9 in, 2.5 mm ²					1x												1x
	Standard measurement cable with retractable sleeves, red, 5 cm / 1.9 in, 2.5 mm ²					3x												3x
	Set of standard measurement cables with retractable sleeves, 5 cm / 1.9 in, 2.5 mm ² , 6 x red, 6 x black	P0006167																

Cables

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EBH1 P0006365	IOB1 P0006368	CBMC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Standard measurement cable, black, 6 m / 19.5 ft, 2.5 mm ²	B1462700	1x	1x	4x	4x												
	Standard measurement cable, red, 3 m / 10 ft, 2.5 mm ²	E0808400		6x			6x	6x	6x			2x						
	Standard measurement cable, red, 6 m / 19.5 ft, 2.5 mm ²	B1462400	1x	1x	4x	4x												
	3-in-1 current cable adapter, 3 x standard measurement cable, 2.5 mm ² , 1x high current cable 10 mm ²	B2026900																
	Standard high-current cable, red, 100 A, 3 m / 10 ft, 10 mm ² , 6 mm banana plug	B0649703		6x			6x	6x	6x			2x						
	Standard high current cable, red, 100 A, 6 m / 19.5 ft, 10 mm ² , 6 mm banana plug	B1326600																
	Standard high current cable, black, 100 A, 0.75 m / 2.5 ft, 10 mm ² , 6 mm banana plug	B0649603		3x			3x	3x	3x			1x						
	Standard high-current cable, black, 100 A, 3 m / 10 ft, 10 mm ² , 6 mm banana plug	B1262700																
	Standard high current cable, black, 100 A, 6 m / 19.5 ft, 10 mm ² , 6 mm banana plug	B1326500																
	Standard high-current cable, red, 200 A, 1.5 m / 5 ft, 25 mm ² , 6 mm banana plug	B1547800																
	Standard high-current cable, red, 200 A, 3 m / 10 ft, 25 mm ² , 6 mm banana plug	B1547900															3x	
	Standard high-current cable, red, 200 A, 6 m / 19.5 ft, 25 mm ² , 6 mm banana plug	B1568300																
	High-current cable coupler, 25 mm ²	B1761400																

Cables

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Cable for A outputs, 6 m / 19.5 ft, 4 x 2.5 mm²	B0973601	1x	1x		1x												
	Cable for A outputs, 18 m / 60 ft, 4 x 2.5 mm²	B1224700			1x													
	Cable for B outputs, 6 m / 19.5 ft, 5 x 2.5 mm²	B0973701	1x	1x		1x												
	Cable for B outputs, 13 m / 45 ft, 5 x 2.5 mm²	B1224800			1x													
	Summary cable, color-coded, 7 m / 23 ft, 12 x 1.5 mm²	B1570200								1x								
	Terminal adapter box, ISO and ANSI screw threads; collection of different adapters to connect cables with 4 mm connectors to control cabinet terminals	P0006366																
	Terminal adapter box, ISO screw threads; collection of different adapters to connect cables with 4 mm connectors to control cabinet terminals	P0006367																
	Flexible terminal adapters for screw type terminals, set consists of 12 pieces	E0439201	1x	1x	1x	1x												

Current sensors and EtherCAT® cables

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Current sensor (Rogowski coil), diameter 12.7 cm / 5 inch, 2 x 2.5 mm ²	B1546700															3x	
	Slim current sensor (Rogowski coil)	B1618200																
	EtherCAT® cable, 15 m / 49 ft	B0888001		3x			3x	3x	3x			1x						
	EtherCAT® cable, 6 m / 19.5 ft	B0889301			1x	1x							1x	1x	1x	1x		
	EtherCAT® cable, 1.5 m / 5 ft	B1570100					1x	1x	1x	1x								
	EtherCAT® cable coupler, used to connect two EtherCAT® cables	E1107700																

Rotary motion accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Digital rotary transducer with 10 mm solid shaft, including CB TN3 connection cable and mounting adapter	B1326302			1x	1x									1x	3x		
	Mounting kit for B1326302, fitting the following breakers: Siemens: SPS/3AP up to 145 kV; 3AP > 145 kV ABB: HPL/LTB >145 kV Alstom/GE: GL >72.5 kV	B1511900																
	Digital rotary transducer for tooth shaft, including the connection cable for the CB TN3 and a mounting adapter.	B1454200																
	Mounting kit for B1454200, fitting the following breakers: Siemens: SPS/3AP up to 145 kV; 3AP >145 kV ABB: HPL/LTB >145 kV Alstom/GE: GL >72.5 kV	B1454100																
	Drill chuck, S1 = 10 mm / 0.4 in S2 = 1 ... 10 mm / 0.04 ... 0.4 in	B1108401			1x	1x									1x	3x		
	Rotary connection for GE GL316	B1959500																
	Flexible coupling, 10 mm/ 0.4 in	E1042700			1x	1x									1x	3x		
	Allen wrench, 2.5 mm, for flexible coupling				1x	1x									1x	1x		

Linear motion accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Digital linear transducer, including the connection cable for the CB TN3 and a mounting adapter	B1326800											1x	3x				
	Magnetic tapes for linear transducer B1326800, 250 mm / 10 in	E1333900											3x	9x				
	Digital linear transducer for ABB HMB 4/8 mechanisms	P0006371																
	Three phase set for ABB HMB 4/8 mechanisms with three transducers, cables and transport case	B1628800																
	Digital linear dead-tank transducer 300	P0006373																
	Linear transducer for Siemens graphite nozzle breakers	P0006374																
	Three phase set for linear transducer of Siemens graphite nozzle breakers	P0006375																
	Linear live-tank transducer 250	P0006376																
	Lever device for GE HYpact (use together with linear live-tank transducer 250)	B1957900																
	Lever device for GE GL314 (use together with linear live-tank transducer 250).	B1958900																

Motion accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Flexible arm with support clip, long, M8, L1 = 26 cm / 10 in, L2 = 19 cm / 7.5 in	B1041700												3x		3x		
	Flexible arm without support clip, long, M8, L1 = 26 cm / 10 in, L2 = 19 cm / 7.5 in				1x								1x		1x			
	Flexible arm, short, M8, L1 = 20 cm / 7.8 in, L2 = 13 cm / 5 in	E1328300				1x												
	Short extension for flexible arm, M8, L = 5 cm / 2 in,	E1009800			1x	1x							1x	3x	1x	3x		
	Long extension for flexible arm, M8, L = 10 cm / 4 in,	E1009900			1x	1x							1x	3x	1x	3x		
	Parallel vice for flexible arm, heavy, M8	B1041500			1x								1x	3x	1x	3x		
	Parallel vice for flexible arm, small, M8	E1328400				1x												
	Open end wrench, 8/10, for flexible arm and motion sensor				1x	1x							1x	2x	1x	2x		
	Open end wrench, 16/18 or flexible arm and motion sensor				2x	2x							2x	2x	2x	2x		
	Motion sensor extension cable 10 m / 33 ft	B1108700												2x		2x		

Motion accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	Adapter for digital transducer of Doble	B1108901																
	Adapter for Vanguard digital transducer	B1108800																
	Adapter for Elcon digital transducer	B1207200																
	Adapter for Siemens digital transducer	B1327000																
	Adapter for Megger analog transducer	B1327200																
	Open-end CB TN3 connection cable	B1986601																

Transport accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	CIBANO 500 transport case with wheels 70 x 52 x 46 cm , (W x H x D) storage room for one CIBANO 500 and related cables	B0955001	1x	1x	1x	1x												
	Transport case for accessories; 70 x 52 x 46 cm , (W x H x D) storage room for one soft bag and one IOB1 or EHB1	B1449803																
	Soft bag, red, 24 x 6 x 6 cm , (W x H x D)	E0897800	1x	1x	1x	1x												
	Soft bag, red/blue/yellow, 41 x 35 x 27 cm, (W x H x D) Note: every three CB MC2 come in one such bag	E0955201		1x	1x	1x	1x	1x	1x			1x	1x	1x	1x	1x		
	Soft bag, red/blue/yellow, 25 x 22 x 6 cm, (W x H x D)	E0249201			1x	1x							1x	1x	1x	1x		
	Soft bag, red/blue, 30 x 22 x 8 cm, (W x H x D)	E0692501					1x	1x	1x								1x	
	Soft bag, red/blue/yellow, 41 x 23 x 27 cm, (W x H x D)	E1091201								1x								

Safety accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	SAA1 Beeper dongle	P0006349																
	SAA2 Warning Lamp Set - Basic package, including: 1 x SAA2 control unit 1 x signal lamp 1 x transport case for 1 signal lamp	P0006337																
	SAA2 Warning Lamp Set – Standard package, including: 1 x SAA2 control unit 1 x signal lamp 1 x transport case for 4 signal lamps	P0006338																
	SAA2 Extention Kit 1 Signal Lamp, including: 1 x signal lamp 1 x connection cable	P0000995																
	SAA3 3-position remote safety switch; cable length 15 m / 49 ft	P0006323																

Miscellaneous accessories

	Description	Item no.	Standard P0000651	Advanced P0005864	Dead Tank P0005865	Medium Voltage P0000256	Standard to Advanced P0006359	Dead Tank to Advanced P0006243	Medium Voltage to Advanced P0000257	EHB1 P0006365	IOB1 P0006368	CB MC2 P0006355	Motion Linear Basic P0006357	Motion Linear Standard P0006360	Motion Rotary Basic P0006356	Motion Rotary Standard P0006361	CSM P0006370	VTM P0006586
	BNO1 binary output relay	P0006487																
	Elastic rope with cable clamp and hook	B0976000		3x	1x	1x	3x	3x	3x			1x	1x	1x	1x	1x		
	Stickers 30 mm, blue, yellow, red			1x			1x	1x	1x			1x						
	Zip ties, 10 pieces												1x	1x				
	Double sided adhesive tape												1x	1x				
	Adhesive tape												1x	1x				

OMICRON is an international company that works passionately on ideas for making electric power systems safe and reliable. Our pioneering solutions are designed to meet our industry's current and future challenges. We always go the extra mile to empower our customers: we react to their needs, provide extraordinary local support, and share our expertise.

Within the OMICRON group, we research and develop innovative technologies for all fields in electric power systems. When it comes to electrical testing for medium- and high-voltage equipment, protection testing, digital substation testing solutions, and cybersecurity solutions, customers all over the world trust in the accuracy, speed, and quality of our user-friendly solutions.

Founded in 1984, OMICRON draws on their decades of profound expertise in the field of electric power engineering. A dedicated team of more than 900 employees provides solutions with 24/7 support at 25 locations worldwide and serves customers in more than 160 countries.

For more information, additional literature, and detailed contact information of our worldwide offices please visit our website.