K&S Elektronik   **MB-electronic**

GROUP

Circuit Breaker Testing Accessories

Item	Description	TM1800	TM1600	EGIL	Art. No.
CABA – Software					
CABA Win	Breaker analysis software, incl. Ethernet cross-over cable	X			**CG-8000X**
	Breaker analysis software, incl. fiberoptics and USB interface		X		**BL-8203X**
	Breaker analysis software, incl. RS232 cable			X	**BL-8204X**
CABA Win upgrade	Upgrade	X	X	X	**CG-8010X**
Transducers – Linear					
TLH 500	500 mm (20") travel Incl. cable 0.5 m (20")	X	X	X	**XB-30020**
LWG 225	225 mm (9") travel Incl. cable 0.5 m (20")	X	X	X	**XB-30117**
TS 150	150 mm (5.9") travel Incl. cable 1.0 m (39")	X	X	X	**XB-30030**
TS 25	25 mm (1") travel Incl. cable 1.0 m (39")	X	X	X	**XB-30033**

The above transducers are also available in many other lengths, please contact GE Energy for more information.

Item	Description	TM1800	TM1600	EGIL	Art. No.
Transducers – Rotary					
Analog					
Novotechnic IP6501	Incl. cable 1 m (39"), 6 mm Flex coupling, Hexagon wrench	X	X	X	**XB-31010**
Digital					
Baumer BDH16.05A3600-LO-B	Incl. cable 10 m (33ft), 10/6 mm Flex coupling, Hexagon wrench	X			**XB-39130**
Transducer mounting kits – Universal					
Rotary transducer mounting kit	For transducers XB-31010 and XB-39130	X	X	X	**XB-51010**
Universal transducer mounting kit	For linear and rotary transducers	X	X	X	**XB-51020**
Transducer mounting kits – Circuit breaker specific					
LTB Kit (ABB)	Incl. mounting kit XB-51010, Software conversion table BL-8730X	X	X		**XB-61010**
HPL/BLG Kit (ABB)	Incl. mounting kit XB-51010, Software conversion table BL-8720X	X	X		**XB-61020**
Ready-to-use kits – Rotary					
Analog					
1-phase kit	Incl. transducer XB-31010, mounting kit XB-51010	X	X	X	**XB-71010**
3-phase kit	Incl. 3 x 1-pase kits XB-71010	X	X		**XB-71013**
Digital					
1-phase kit	Incl. transducer XB-39130, mounting kit XB-51010	X			**XB-71020**
3-phase kit	Incl. 3 x 1-pase kits XB-71020	X			**XB-71023**
Accessories for transducer mounting					
Universal support		X	X	X	**XB-39029**
Switch magnetic base		X	X	X	**XB-39013**
Cables					
Cable reel 20 m (65.5 ft), 4 mm stackable safety plugs	Black	X	X	X	**GA-00840**
	Red	X	X	X	**GA-00842**
	Yellow	X	X	X	**GA-00844**
	Green	X	X	X	**GA-00845**
	Blue	X	X	X	**GA-00846**
Timing cable sets	The cable sets consist of 8 cables with clamps and 4 mm stackable safety plugs				
	8 x 5 m, (16.4 ft)		X		**GA-00231**
	8 x 10 m, (32.8 ft)		X		**GA-00241**
	8 x 15 m, (49.2 ft)		X		**GA-00251**
Cable reel	Cable reel and multi-connector for 4 timing channels Note: without cable		X		**BL-90060**
Extension cable	Cable for cable reel BL-90060. Specify length when ordering		X		**03-10070**
Extension cable XL	10 m (32.8 ft), for time measurement of main contacts			X	**GA-00150**
Open analog cable	For customized analog transducer connection	X	X	X	**GA-01000**
XLR to 4 mm safety plugs	For customized analog transducer connection	X	X	X	**GA-00040**
Digital transducer extension cable	10 m (33 ft)	X			**GA-00888**
Open digital cable	For customized digital transducer connection	X			**GA-00885**

Linear transducer, TLH 225

Linear transducer, TS 25

Rotary transducer, Novotechnic IP6501 (analog)
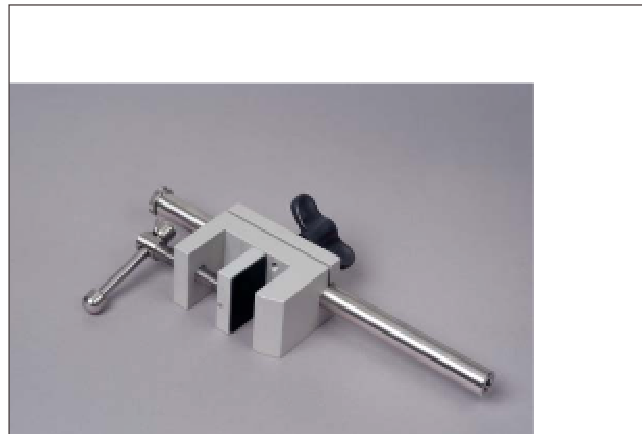
Rotary transducer, Baumer BDH (digital)

Rotary transducer mounting kit

Switch magnetic base

Cable reels, 20 m (65.5 ft), 4 mm stack-able safety plugs

Universal support

Item	Description	TM1800	TM1600	EGIL	Art. No.
Ethernet cable, network	For connection to network	X			**GA-00960**

Vibration testing

Item	Description	TM1800	TM1600	EGIL	Art. No.
SCA606	Signal Conditioning Amplifier. Power supply, amplifier and signal conditioning filter for vibration testing using accelerometers with built-in charge amplifiers. (Note: DTW-analysis software needed)		X		**BL-13096**
Vibration analysis software	CABA option for DTW-analysis		X		**BL-8270X**
Accelerometer	DYTRAN 3200B5		X		**XB-32010**

Synchronized Switching Relay test kit

Item	Description	TM1800	TM1600	EGIL	Art. No.
SSR kit incl. accessories, software and cables (delivered in transport case)	SSR kit for TM1800	X			**CG-91200**
	SSR for TM1600 (incl. VD401)		X		**BL-91200**

Dynamic resistance measurement

Item	Description	TM1800	TM1600	EGIL	Art. No.
DRM1000	Dynamic resistance measurement of breaker contacts. Controls injection current up to 1000 A. External supply 12 V DC. Delivered complete, including the following:		X		**BL-90041**
	• Control unit DRM1000 incl. cable KG-00702 (red) and cable KG-00706 (blue) with snap-on connectors for a sealed 12 V battery.		X		BL-90040
	• Connection box		X		BL-90035
	• Sensing cables, 2 x 2 m, (6.5 ft) with clamps for connecting the circuit breaker to the connection box		X		GA-00430
	• Transport case		X		**50-00110**
DRM for TM1800	(To be released)	X			
Current cables	100 A		X		**GA-00424**
	250 A		X		**GA-00422**
	1000 A		X		**GA-00420**

Other

Item	Description	TM1800	TM1600	EGIL	Art. No.
VD401	Voltage divider, ratio 400/1 (for TM1600 and EGIL with analog channel)		X	X	**BL-90070**
PIR adapter	The adapter is used to test circuit breakers with pre-insertion resistors, when the resistance is lower than 250 $\wedge$ or higher than 3000 $\wedge$. There are two versions:				
	PIR, 15 – 250 $\wedge$		X		**BL-90080**
	PIR2, 90 – 4500 $\wedge$		X		**BL-90082**
Current	AC/DC clamp/clip-on/current probe, Fluke 80i-110s				
	Current sensor kit 1 channel (Fluke 80i-110s incl. cable GA-00140)	X	X		**BL-90600**
	Current sensor kit 3 channels (Fluke 80i-110s incl. cables GA-00140)	X	X		**BL-90610**
Temperature sensor	For ambient temperature measurement (To be released)	X			
Long term monotoring	EPROM to be mounted in the TM1600				
LTM1	Starts measurement when there is a change at any of the time-measuring inputs		X		**BL-80010**
LTM2	Functions in the same way as a standard TM1600, but returns automatically to the READY state after measurement		X		**BL-80011**
Thermopaper	114 mm, 30 m		X	X	**GC-00030**
Thermopaper	114 mm, Ø 40 mm	X			**GC-00040**
Soft case		X			**GD-00340**

For more information about optional accessories please contact GE Energy.

Signal conditioning amplifier, SCA606

Cable reel, BL-90060

Extension cable XL, GA-00150

Accelerometer, Dytran 3200B5 and cable

DRM1000

Voltage divider, VD401

PIR adapter

Soft case