

T8

Accessories, electrical

UL Rating plugs

		Catalog number
T8	1000A Rating plug	KT81000RP
	1200A Rating plug	KT81200RP
	1600A Rating plug	KT81600RP
	2000A Rating plug	KT82000RP
	2500A Rating plug	KT82500RP
	3000A Rating plug	KT83000RP

Accessories for trip units

		Field/factory installation Catalog number
T8	Communication module (Modbus (RTU)	PR330/D-M ②
	External wireless communication module	BT030
	Power supply unit	PR030/B
	Voltage module, 3 pole ③	PR330/V-T83
	Voltage module, 4 pole ③	PR330/V-T84

Current sensor for external neutral

		Field installation Catalog number
T8	Current sensor for external neutral 1000A-3000A	KT8NCT

Closing coil

		Field/factory installation Catalog number
T8	440 VAC	KE6C1
	380...400VAC	KE6C2
	240...250 VAC/DC	KE6C3
	220...240 VAC/DC	KE6C4
	120...127 VAC/DC	KE6C5
	110...120 VAC/DC	KE6C6
	60 VAC/DC	KE6C7
	48 VAC/DC	KE6C8
	30 VAC/DC	KE6C9
	24 VDC	KE6C0

Auxiliary contacts

		Field/factory installation Catalog number
T8	4 open/closed PR232-T8/PR331	KT8A4
	4 open/closed PR332 ①	KT8A4-PR332
	4 open/closed 24V PR232-T8/PR331	KT8A4D
	4 open/closed 24V PR332	KT8A4D-PR332

Bell alarm

		Field/factory installation Catalog number
T8	Allows visual signaling (mechanical) and remote signaling (electrical) of circuit breaker opening by overcurrent release	DE6TBA

Bell alarm with remote reset command

		Field/factory installation Catalog number
T8	Remote setting of circuit breaker after opening by overcurrent release 220-240 VAC/DC	DE6TBAR4
	Remote setting of circuit breaker after opening by overcurrent release 110-130 VAC/DC	DE6TBAR5
	Remote setting of circuit breaker after opening by overcurrent release 24-30 VAC/DC	DE6TBAR9

Contact signaling undervoltage de-energized

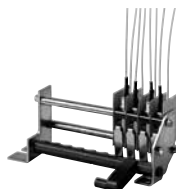
		Field/factory installation Catalog number
T8	NC UV signaling contact	KE6UE01
	NO UV signaling contact	KE6UE10

Spring charging motor

		Field/factory installation Catalog number
T8	24...30 VAC/DC	KE6M9
	48...60 VAC/DC	KE6M7
	100...130 VAC/DC	KE6M5
	220...250 VAC/DC	KE6M3



KE6C*



KT8A4



KE6M*

① Included as standard on breakers ordered with PR332 trip unit

② Discount schedule SAT (T0)

③ Factory install only.

T8

Accessories, electrical



KE6S*

Shunt trip		Field/factory installation Catalog number
T8	440 VAC	KE6S1
	380...400 VAC	KE6S2
	240...250 VAC/DC	KE6S3
	220...240 VAC/DC	KE6S4
	120...127 VAC/DC	KE6S5
	110...120 VAC/DC	KE6S6
	60 VAC/DC	KE6S7
	48 VAC/DC	KE6S8
	30 VAC/DC	KE6S9
	24 VDC	KE6S0

Second shunt trip ①		Field/factory installation Catalog number
T8	440 VAC	KE6S1-2
	380...400 VAC	KE6S2-2
	240...250 VAC/DC	KE6S3-2
	220...240 VAC/DC	KE6S4-2
	120...127 VAC/DC	KE6S5-2
	110...120 VAC/DC	KE6S6-2
	60 VAC/DC	KE6S7-2
	48 VAC/DC	KE6S8-2
	30 VAC/DC	KE6S9-2
	24 VDC	KE6S0-2



KE6U*

Undervoltage		Field/factory installation Catalog number
T8	440 VAC	KE6U1
	380...400 VAC	KE6U2
	240...250 VAC	KE6U3
	220...240 VAC/DC	KE6U4
	120...127 VAC/DC	KE6U5
	110...120 VAC/DC	KE6U6
	60 VAC/DC	KE6U7
	48 VAC/DC	KE6U8
	30 VAC/DC	KE6U9
	24 VDC	KE6U0

① May be used in place undervoltage.

T8

Accessories, mechanical



KE6PG

Key lock in open position		Field/factory installation Catalog number
T8	Key lock n. 20005 ①	KT8KL2
	Key lock n. 20006	KT8KL3
	Key lock n. 20007	KT8KL4
	Key lock n. 20008	KT8KL5
	Key lock different keys	KT8KL1

Padlocking button cover		Field/factory installation Catalog number
T8	3-4mm locks (padlocks not supplied)	KE6PD1
	HD padlock device	KE6PDHD1
	Extra HD padlock device	KE6PDHD2

Button guard		Field/factory installation Catalog number
T8	Protective cover for opening and closing pushbuttons	KE6PG

Mechanical operation counter		Field/factory installation Catalog number
T8	Indicates the number of mechanical operations	KE6MC

Phase barriers-top terminals only		Field installation Catalog number
T8	Low 100mm 2 pcs (3P)	KT8PBL-3
	Low 100mm 3 pcs (4P)	KT8PBL-4
	High 200mm 2 pcs (3P)	KT8PBH-3
	High 200mm 4 pcs (4P)	KT8PBH-4

IP54 door protection		Field installation Catalog number
T8	Protective cover	KE6DC

Vertical terminals			Field installation Catalog number
T8	Rear Vertical Terminals (2)	Set of six	KT82500VR-6
		Set of eight	KT82500VR-8

Cable terminals		Wire size	Field installation Catalog number
T8	Mechanical Lugs (set of 3)	1/0-750 kcmil (4)	K8TL
		1/0-750 kcmil (6)	K8TM

① Key lock number when factory installed is 20005.

T8

Technical data

Absorbed power on inrush

Shunt trip, Second shunt trip, closing coil		
Voltage	AC	DC
24 VDC	—	200
30 VAC/DC	200	200
48 VAC/DC	200	200
60 VAC/DC	200	200
110...120 VAC/DC	200	200
120...127 VAC/DC	200	200
220...240 VAC/DC	200	200
380...400 VAC	200	—
440 VAC	200	—
Opening time shunt trip - Second shunt trip (ms)	≤ 60	≤ 60
Closing time closing coil (ms)	≤ 80	≤ 80

Spring charging motor

Shunt trip, Second shunt trip, closing coil		
Rated Voltage	AC	DC
	24...30	24...30
	48...60	48...60
	100...130	100...130
	220...250	220...250
Operating voltage (%Un)	85...110	85...110
Power consumption on inrush	500 VA	500 W
Inrush time (s)	0.2	0.2
Charging time (s)	4-5	4-5