

UPgrade campaign

Create a new revenue stream for your services business while saving your customers money. Easily upgrade existing switchgear into next-generation electrical distribution plants using Ekip UP and the ABB Ability™ cloud-based platform.



Become a more service driven organization

Selling digital services gives an organization an ability to transform from product sales into a solution sales



Create continuous relationships

By selling an integrated package of hardware and software, you can create a customer relationship that extends far beyond the initial equipment purchase.



Develop new revenue streams

Selling digital subscription services can provide new, ongoing revenue streams that can help diversify your business.

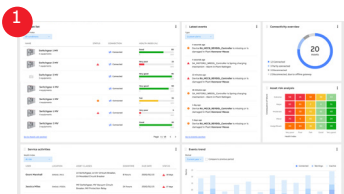


Become a leader in digital transformation

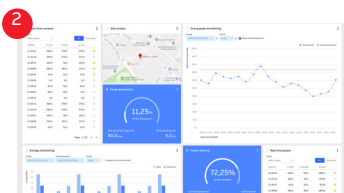
Gain access to innovative IoT technologies and help lead clients into the future by partnering with ABB.

How Ekip UP works

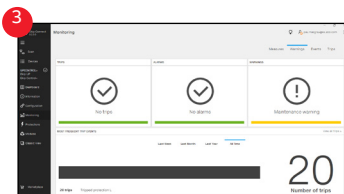
Thanks to Ekip UP + ABB Ability™ platforms, ABB supports systems integrators and service contractors by offering a solution to upgrade switchgear to digital systems.



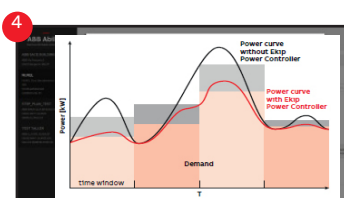
Optimized maintenance based on predictive maintenance algorithm. Alerting via email/SMS.



Remote monitoring of existing switchboard and power quality analysis

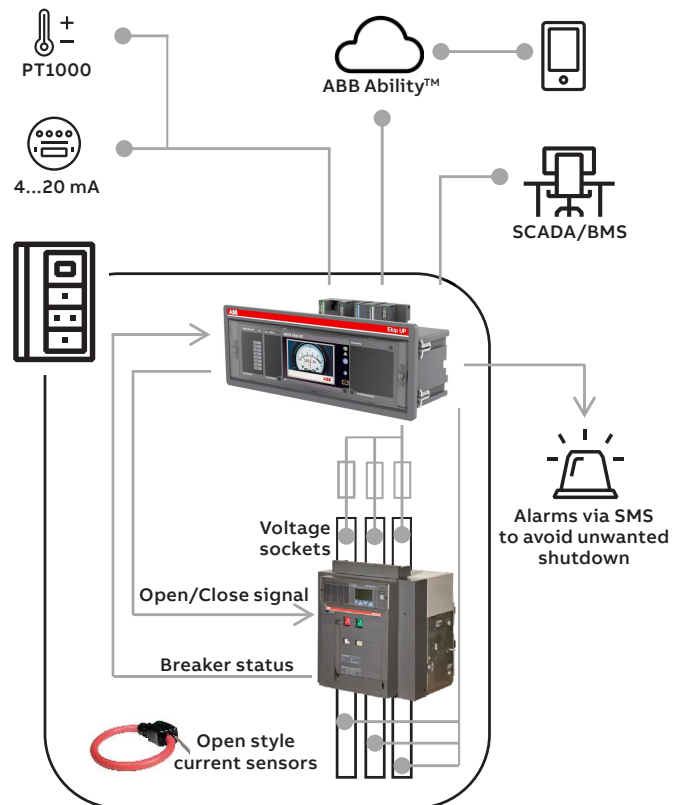


Intelligent protection functions to increase the safety of the plant



Power Management: shed non-critical loads and optimize energy billing

Thermal analysis



- Minimize installation downtime with ABB open style current sensors
- User-friendly color touch screen
- A single unit for DIN-rail or door mounted

What to order

Ekip UP monitoring, protection and control relay



Get more information



Get access to Ekip UP landing page

Technical data	Ekip UP Monitor	Ekip UP Protect	Ekip UP Control	Ekip UP Control +
1 Predictive maintenance		•		•
2 Remote monitoring and power quality analysis	•	•	•	•
3 Intelligent protection functions		•		•
4 Power management			•	•

For full list of codes [click here](#)

2. Mandatory Accessories



Power Supply Module
Ekip Supply 24...48VDC



+Rating Plugs
In 100...6300A



+Open style current sensors
Ø120mm 3P and 4P In up to 4000A

Ø200mm 3P and 4P In up to 4000A

Ø290mm 3P and 4P In up to 6300A

3. Optional Accessories



+ABB Ability™ comm module
Ekip Com Hub



+Temperature/Input module
Ekip Com Signalling 3T



+Fieldbus comm module
Ekip Com Modbus TCP

4. Accessory for commissioning



+Commissioning interface
Ekip T&P
ZEAKEPPGM




ABB Ability™ platform
ABB Ability Energy Manager subscription
ABB Ability Asset Manager Subscription

[Talk to an Expert](#)

Instructions for ordering

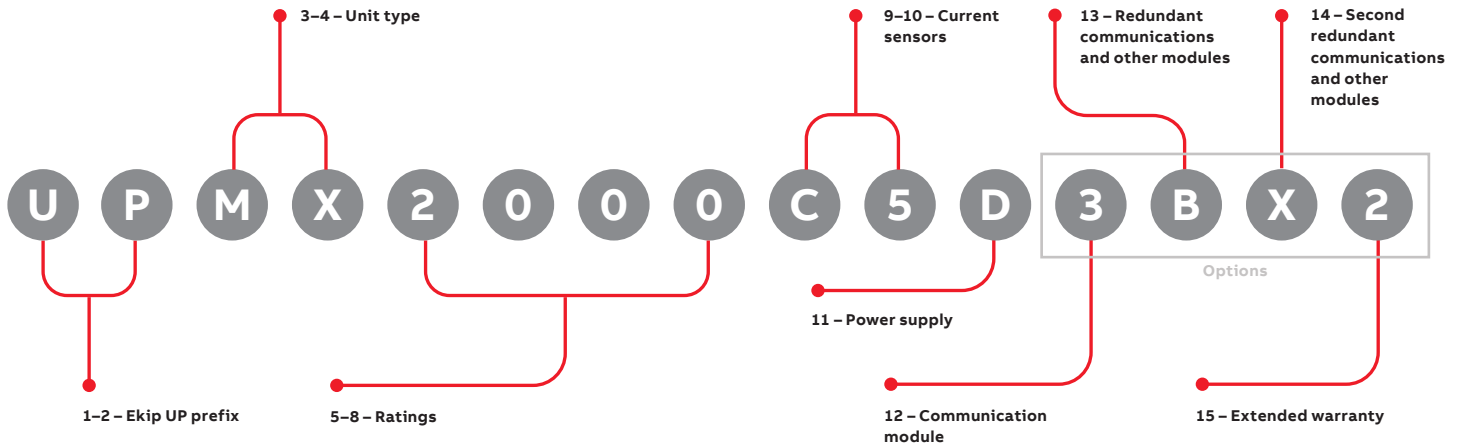
Ekip UP

Ekip UP order code explanation

A complete Ekip UP part number consists of 15 characters.

The first 11 characters shown are mandatory.

The last 4 characters shown indicate options and may be filled with X if not utilized.



Mandatory characters

1-2 - Ekip UP prefix

	Code
Ekip UP multifunction relay	U P

3-4 - Unit type

	Code
Monitor	M X
Protect	P X
Control	C X
Protect +	P P
Control +	C P

5-8 - Ratings

Frame	Code
100 A	0 1 0 0
200 A	0 2 0 0
250 A	0 2 5 0
400 A	0 4 0 0
600 A	0 6 0 0
630 A	0 6 3 0
800 A	0 8 0 0
1000 A	1 0 0 0
1200 A	1 2 0 0
1250 A	1 2 5 0
1600 A	1 6 0 0
2000 A	2 0 0 0
2500 A	2 5 0 0
3200 A	3 2 0 0
3600 A	3 6 0 0
4000 A	4 0 0 0
5000 A	5 0 0 0
6000 A	6 0 0 0

9-10 - Current sensors

	Code
CS 100-2000 A 3P + copper type A	A 1
CS 100-2000 A 4P + copper type A	A 2
CS 2000-4000 A 3P + copper type A	A 3
CS 2000-4000 A 3P + copper type A	A 4
CS 100-400 A 3P type B	B 1
CS 100-400 A 4P type B	B 2
CS 400-1600 A 3P type B	B 3
CS 400-1600 A 4P type B	B 4
Open CS 3P type C 120 4000 A max.	C 3
Open CS 4P type C 120 4000 A max.	C 4
Open CS 3P type C 200 4000 A max.	C 5
Open CS 4P type C 200 4000 A max.	C 6
Open CS 3P type C 290 6000 A max.	C 7
Open CS 4P type C 290 6000 A max.	C 8
Open CS 3P type C 100 1600 A max.	C 9
Open CS 4P type C 100 1600 A max.	C 0

11 - Power supply

	Code
E1.2..E6.2 Ekip supply 24-48 V DC	D

Instructions for ordering

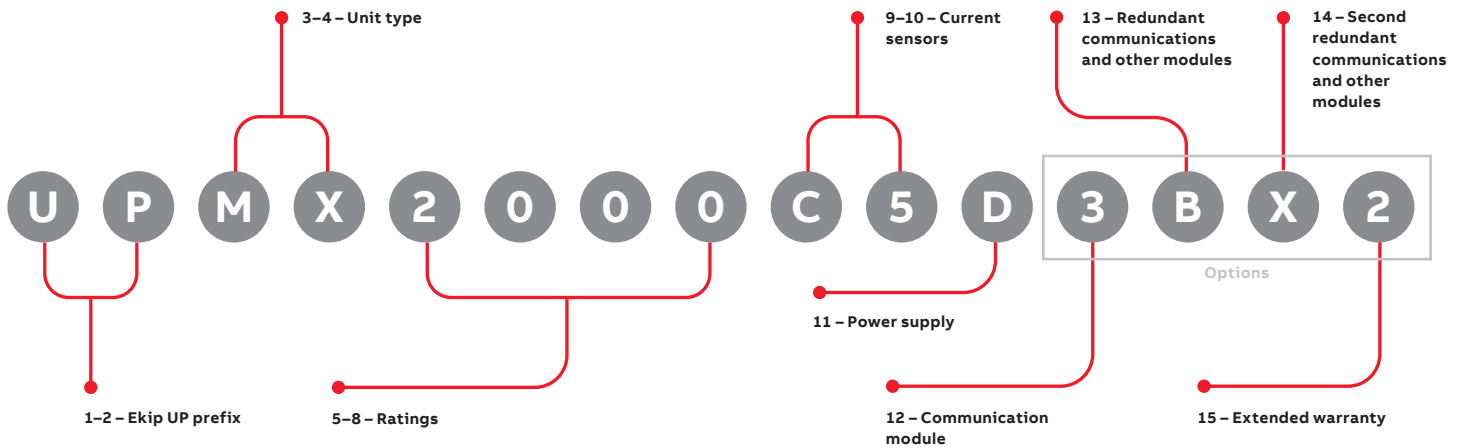
Ekip UP

Ekip UP order code explanation continued

A complete Ekip UP part number consists of 15 characters.

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Optional characters

12 – Communication module

	Code
None	X
Ekip Com Modbus RS-485	2
Ekip Com Modbus TCP	3
Ekip Com Profibus	4
Ekip Com Profinet	5
Ekip Com DeviceNet™	6
Ekip Com EtherNet/IP™	7
Ekip Com IEC61850	8
Ekip Com Modbus RS-485 +	A
Ekip Com Modbus TCP +	B
Ekip Com Profibus	C
Ekip Com Profibus +	C
Ekip Com Profinet	C
Ekip Com Profinet +	D
Ekip Com DeviceNet	D
Ekip Com DeviceNet +	E
Ekip Com EtherNet /IP	E
Ekip Com EtherNet/IP +	F
Ekip Com IEC61850	F
Ekip Com Modbus RS-485 +	G
Ekip Com Profibus	G
Ekip Com Modbus TCP +	H
Ekip Com Profinet	H

	Code
Ekip Com Profibus +	J
Ekip Com DeviceNet	J
Ekip Com Profinet +	K
Ekip Com EtherNet/IP	K
Ekip Com DeviceNet +	L
Ekip Com IEC61850	L
Ekip Com Modbus RS-485 +	M
Ekip Com Profinet	M
Ekip Com Modbus TCP +	N
Ekip Com DeviceNet	N
Ekip Com Profibus +	P
Ekip Com EtherNet/IP	P
Ekip Com Profinet +	Q
Ekip Com IEC61850	Q
Ekip Com Modbus RS-485 +	R
Ekip Com DeviceNet	R
Ekip Com Modbus TCP +	S
Ekip Com EtherNet/IP™	S
Ekip Com Profibus +	T
Ekip Com IEC61850	T
Ekip Com Modbus RS-485 +	U
Ekip Com EtherNet/IP	U
Ekip Com Modbus TCP +	V
Ekip Com IEC61850	V
Ekip Com Modbus RS-485 +	W
Ekip Com IEC61850	W

13 – Redundant communications and other modules

	Code
None	X
Ekip Com Modbus RS-485	2
Ekip Com Modbus TCP	3
Ekip Com Profibus	4
Ekip Com Profinet	5
Ekip Com DeviceNet	6
Ekip Com EtherNet/IP	7
Ekip Com IEC61850	8
Ekip Link	A
Ekip Com hub	D
Ekip Signalling 3T-1	E

14 – Second redundant communications and other modules

	Code
None	X
Ekip Com Modbus RS-485	2
Ekip Com Modbus TCP	3
Ekip Com Profibus	4
Ekip Com Profinet	5
Ekip Com DeviceNet	6
Ekip Com EtherNet/IP	7
Ekip Com IEC61850	8
Ekip Link	A
Ekip Com hub	D
Ekip Signalling 3T-1	F
Ekip Signalling 3T-2	G

15 – Extended warranty

	Code
None	X
Warranty extension 2 years	2
Warranty extension 4 years	4
Warranty extension 5 years	5