

SELECTION GUIDE

Ekip UP

Multifunction relay



ABB Ekip UP is an innovative multifunction relay that provides the ability to upgrade your low-voltage electrical distribution system from analog to digital.

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Introduction

Quickly and easily configure an Ekip UP multifunction relay to update your analog low-voltage electrical distribution system to digital, offering you access to the latest digital solutions.

This document provides step-by-step guidance on how to configure the Ekip UP multifunction relay for your system, all in one catalog number.

This guide should be used in conjunction with the Ekip UP technical catalog **1SDC001051D0201** and technical guide **1SXU200003G0201**.

Ekip UP multifunction relays are configured by the user specifically for their intended application. A complete Ekip UP part number consists of 15 characters, as illustrated in this selection guide. Positions shown without a gray box are mandatory characters. Positions shown within a gray box are for options and may be filled with a zero (0) if not desired.



Instructions for ordering

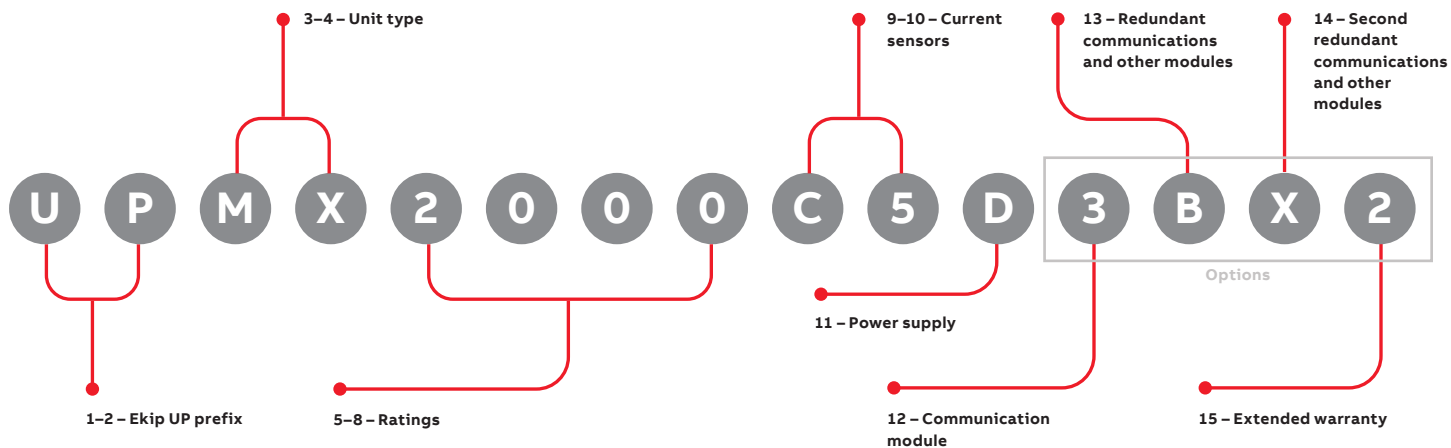
Ekip UP

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

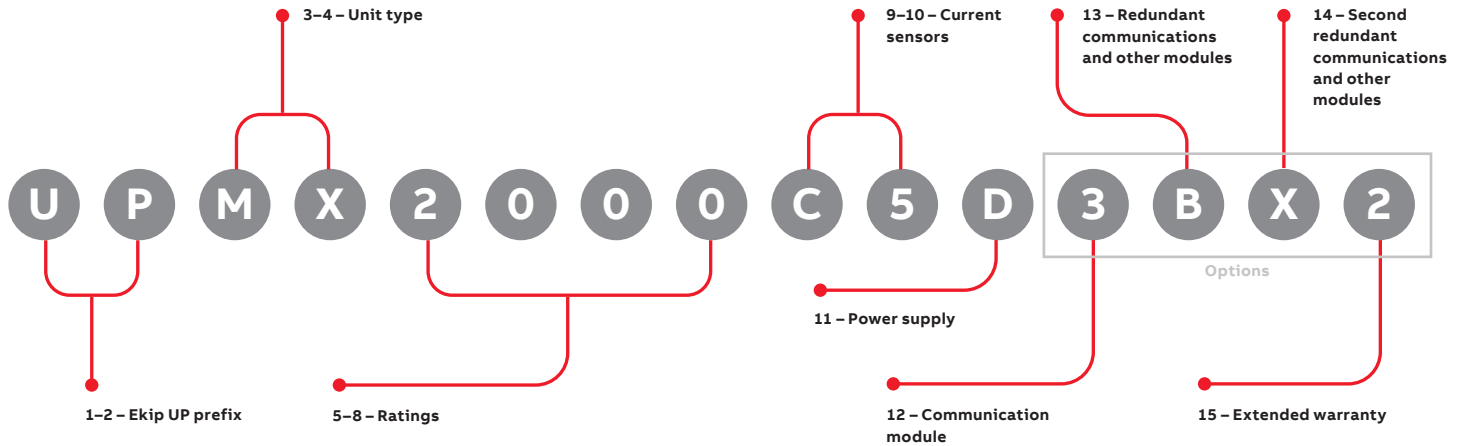
Ekip UP

Ekip UP order code explanation continued

A complete Ekip UP part number consists of 15 characters.

The first 11 characters shown are mandatory.

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



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 + Ekip Com Modbus TCP	A
Ekip Com Modbus TCP + Ekip Com Profibus	B
Ekip Com Profibus + Ekip Com Profinet	C
Ekip Com Profinet + Ekip Com DeviceNet	D
Ekip Com DeviceNet + Ekip Com EtherNet/IP	E
Ekip Com EtherNet/IP + Ekip Com IEC61850	F
Ekip Com Modbus RS-485 + Ekip Com Profibus	G
Ekip Com Modbus TCP + Ekip Com Profinet	H

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

Accessories

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Accessories — order separately

Cat. no.	Description
UPINSERTCSD	Insertion bridges CS type D Ekip UP
UPCENDTYC	Support CS Rogowski type C, 12 mm D open
UPDDKIT	Installation kit DIN/door Ekip UP
UPCABKIT	Cable extension kit 4 p Ekip UP
UPCOV	Transparent cover Ekip UP



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