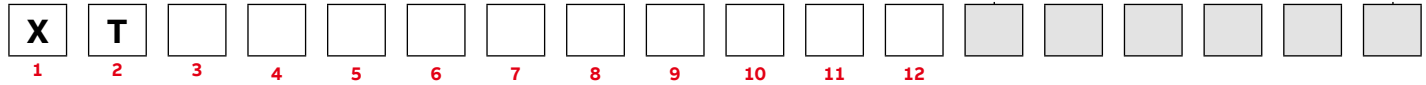


XT1-XT7

U.S. ordering code construction

- - See page 8/6-8/7 for remaining descriptions - -



1 & 2: Version XT	3: Frame 1 2 3 4 5 6 7
---------------------------------	----------------------------------

4: Interrupting ratings¹

	B	C	D	N	S	H	L	V	X
UL kA @ 480 V	-	-	-	25	35	65	100	150	200
UL kA @ 600Y/347 V	-	-	-	18/10	22/10	25	-	-	-
UL kA @ 600 V	-	-	-	18	22	25	35/50	42/65	42/100/65
IEC kA @ 415 V	18	25	MCS	36	50	70	120	150	-

¹For additional information, please refer to pages 2/2-2/14.

5: Standard
UL & IEC

- U UL 80%
- Q UL 100%
- C UL 80% + CCC
- D UL 100% + CCC
- E IEC only
- 5 IEC 50°C

6: Number of poles

- 2 2 Poles
- 3 3 Poles
- 4 4 P 100%
- N 4P 50% (IEC only)

7, 8, 9: Amp frame

XT1-4		XT5-7	
Digits	Amps	Digits	Amps
010	10 A	25A	250 A (XT5)
015	15 A	30A	300 A (XT5)
020	20 A	32A	320 A (XT5 IEC ²)
025	25 A	40A	400 A (XT5)
030	30 A	50B	500 A (XT5)
035	35 A	60B	600 A (XT5)
040	40 A	600	600 A (XT6)
045	45 A	60C	600 A (XT7)
050	50 A	63B	630 A (XT5 IEC ²)
060	60 A	630	630 A (XT6 IEC ²)
070	70 A	800	800 A (XT6)
080	80 A	80C	800 A (XT7)
090	90 A	1K0	1000 A (XT6 IEC ²)
100	100 A	10D	1000 A (XT7)
110	110 A	12E	1200 A/1250 A (XT7)
125	125 A	16F	1600 A (XT7 IEC ²)
150	150 A		
175	175 A		
200	200 A		
225	225 A		
250	250 A		

²IEC only.

10: Trip unit

A TMF	J Ekip DIP I	S Ekip Touch Measuring LSI
B TMA/TMD	K Ekip DIP M-I	T Ekip Hi-Touch LSI
C Ekip DIP LIG	L Ekip DIP M-LIU	U Ekip Hi-Touch LSI
D MCS	M MA (MCP)	W Ekip M Touch LRIU
E Ekip DIP LS/I	N TMG	X Ekip G Dip LS/I
F Ekip DIP LSI	P Ekip Touch LSI	Y Ekip G Touch LSI
G Ekip DIP LSI	Q Ekip Touch LSI	Z Ekip G Hi-Touch LSI
H Ekip DIP E-LSIG	R Ekip Touch Measuring LSI	

11: Line side termination (top)

- F** F front terminals, no lugs installed
- A** FC Cu Terminals for Cu cables (saddle clamps)
- B** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 110 A-125 (XT1, XT2)
- C** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 110 A, control tap included (XT2)
- D** KIT FC CuAl 10–2/0 AWG (XT1, XT2)
- E** KIT FC CuAl 10–2/0 AWG control tap included (XT1, XT2)
- G** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 100 A (XT3, XT4)
- H** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 100 A, control tap included (XT3, XT4)
- J** KIT FC CuAl 4 AWG–300 kcmil, 225A (XT3, XT4)
- K** FC CuAl Terminals for CuAl cables, 4 AWG–300 kcmil, 225 A, control tap included (XT3, XT4)
- L** FC CuAl Terminals for CuAl Cables, 3/0 AWG–350 kcmil, 250 A (XT4)
- M** FC CuAl Terminals for CuAl Cables, 3/0 AWG–350 kcmil, 250 A, control tap included (XT4)
- Z** MC Multi-cable terminals for Cu (6x14–2 AWG)
- 1** EF Extended front terminals
- 2** ES Extended spread terminals
- 3** FB Terminals for flexible busbar
- 4** R Rear terminals
- 6** Plug-in kit (must also use 6 for load side)
- 7** Withdrawable kit (must also use 7 for the load side) (XT2, XT4)
- 8** FC CuAl 1x4/0 AWG–500 kcmil (XT5)
- 9** FCCuAl 1x6 AWG–350 kcmil (XT5)
- N** FC CuAl 2x2/0 AWG–500 kcmil (XT5)
- P** KIT FCCuAl 1x500 kcmil control tap included (XT5)
- Q** KIT FCCuAl 1x350 kcmil control tap included (XT5)
- R** KIT FCCuAl 2x500 kcmil control tap included (XT5, XT6)
- S** KIT FCCuAl 500–750 kcmil (XT5)
- O** KIT FCCuAl 500–750 kcmil control tap included (XT5)
- T** FC CuAl 2x250–500 kcmil (XT6)
- U** FC CuAl 3x2/0 AWG–400 kcmil (XT6)
- V** FC CuAl 3x400 kcmil control tap included (XT6)
- W** FC CuAl 4x4/0 AWG–500 kcmil
- X** FC CuAl 3x500–750 kcmil
- Y** LSC for ReliaGear NeXT power panelboard

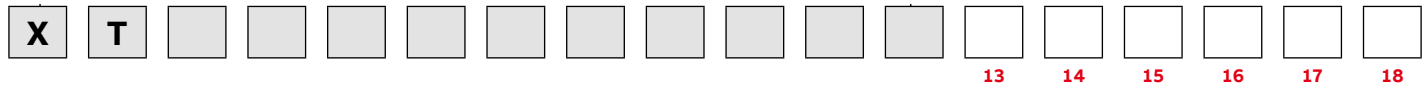
12: Load side termination (bottom)

- F** F front terminals, no lugs installed
- A** FC Cu Terminals for Cu cables (saddle clamps)
- B** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 110 A-125 (XT1, XT2)
- C** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 110 A, control tap included (XT2)
- D** KIT FC CuAl 10–2/0 AWG (XT1, XT2)
- E** KIT FC CuAl 10–2/0 AWG control tap included (XT1, XT2)
- G** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 100 A (XT3, XT4)
- H** FC CuAl Terminals for CuAl cables, 14–1/0 AWG, 100 A, control tap included (XT3, XT4)
- J** KIT FC CuAl 4 AWG–300 kcmil, 225A (XT3, XT4)
- K** FC CuAl Terminals for CuAl cables, 4 AWG–300 kcmil, 225 A, control tap included (XT3, XT4)
- L** FC CuAl Terminals for CuAl Cables, 3/0 AWG–350 kcmil, 250 A (XT4)
- M** FC CuAl Terminals for CuAl Cables, 3/0 AWG–350 kcmil, 250 A, control tap included (XT4)
- Z** MC Multi-cable terminals for Cu (6x14–2 AWG)
- 1** EF Extended front terminals
- 2** ES Extended spread terminals
- 3** FB Terminals for flexible busbar
- 4** R Rear terminals
- 6** Plug-in kit (must also use 6 for load side)
- 7** Withdrawable kit (must also use 7 for the line side) (XT2, XT4)
- 8** FC CuAl 1x250–500 kcmil (XT5)
- 9** FC CuAl 1x6 AWG–350 kcmil (XT5)
- N** FC CuAl 2x2/0 AWG–500 kcmil (XT5)
- P** KIT FCCuAl 1x500 kcmil control tap included (XT5)
- Q** KIT FCCuAl 1x350 kcmil control tap included (XT5)
- R** KIT FCCuAl 2x500 kcmil control tap included (XT5, XT6)
- S** KIT FCCuAl 500–750 kcmil (XT5)
- O** KIT FCCuAl 500–750 kcmil control tap included (XT5)
- T** FC CuAl 2x250–500 kcmil (XT6)
- U** FC CuAl 3x2/0 AWG–400 kcmil (XT6)
- V** FC CuAl 3x400 kcmil control tap included (XT6)
- W** FC CuAl 4x4/0 AWG–500 kcmil
- X** FC CuAl 3x500–750 kcmil

XT1-XT7

U.S. ordering code construction (cont.)

See page 8/4–8/5 for descriptions



13 & 14: Internal accessories

00 None

Shunt trip, open

A0 (SOR-C) 12 V DC (XT1-XT4)

B0 (SOR-C) 24-30 V AC/DC (XT1-XT4)

C0 (SOR-C) 48-60 V AC/DC (XT1-XT4)

D0 (SOR-C) 110-127 V AC/110-125 V DC (XT1-XT4)

E0 (SOR-C) 220-240 V AC/220-250 V DC (XT1-XT4)

F0 (SOR-C) 380-440 V AC (XT1-XT4)

G0 (SOR-C) 480-525 V AC (XT1-XT4)

A0 (YO-C) 12 V DC (XT5, XT6)

B0 (YO-C) 24-60 V AC/DC (XT5, XT6)

D0 (YO-C) 110-240 V AC, 110-250 V DC (XT5, XT6)

F0 (YO-C) 380-440 V AC (XT5, XT6)

G0 (YO-C) 480-525 V AC (XT5, XT6)

A0 (YO) 24 V AC/DC (XT7)

B0 (YO) 48 V AC/DC (XT7)

C0 (YO) 60 V AC/DC (XT7)

D0 (YO) 110-120 V AC/DC (XT7)

E0 (YO) 120-127 V AC/DC (XT7)

F0 (YO) 220-240 V AC/DC (XT7)

G0 (YO) 240-250 V AC/DC (XT7)

H0 (YO) 380-400 V AC (XT7)

I0 (YO) 415-440 V AC (XT7)

J0 (YO) 480-500 V AC (XT7)

Undervoltage release

10 (UVR-C) 24-30 V AC/DC (XT1-XT4)

20 (UVR-C) 48 V AC/DC (XT1-XT4)

30 (UVR-C) 60 V AC/DC (XT1-XT4)

40 (UVR-C) 110-127 V AC 110-125 V DC (XT1-XT4)

50 (UVR-C) 220-240 V AC 220-250 V DC (XT1-XT4)

60 (UVR-C) 380-440 V AC (XT1-XT4)

70 (UVR-C) 480-525 V AC (XT1-XT4)

80 (YU-C) 12 V DC (XT5, XT6)

10 (YU-C) 24-30 V AC/DC (XT5, XT6)

20 (YU-C) 48-60 V AC/DC (XT5, XT6)

40 (YU-C) 110-127 V AC 110-125 V DC (XT5, XT6)

50 (YU-C) 220-240 V AC 220-250 V DC (XT5, XT6)

60 (YU-C) 380-440 V AC (XT5, XT6)

70 (YU-C) 480-525 V AC (XT5, XT6)

10 (YU) 24 V AC/DC (XT7)

20 (YU) 48 V AC/DC (XT7)

30 (YU) 60 V AC/DC (XT7)

40 (YU) 110-120 V AC/DC (XT7)

K0 (YU) 120-127 V AC/DC (XT7)

50 (YU) 220-240 V AC/DC (XT7)

80 (YU) 240-250 V AC/DC (XT7)

60 (YU) 380-400 V AC (XT7)

90 (YU) 415-440 V AC (XT7)

70 (YU) 480-500 V AC (XT7)

Signaling

C0 EKIP signaling 1K-1 (XT5)

E0 EKIP maintenance module (XT5)

L0 Ekip supply 24-48 V DC (XT7)

M0 Ekip supply 110-240 V AC/DC (XT7)

N0 1 x Ekip signaling 2k-1 + supply 24-48 V DC (XT7)

P0 1 x Ekip signaling 2k-1 + supply 110-240 V AC/DC (XT7)

Q0 2 x Ekip signaling 2k-1 + supply 24-48 V DC (XT7)

R0 2 x Ekip signaling 2k-1 + supply 110-240 V AC/DC (XT7)

S0 1 x Ekip signaling 3T-1 + supply 24-48 V DC (XT7)

T0 1 x Ekip signaling 3T-1 + supply 110-240 V AC/DC (XT7)

U0 2 x Ekip signaling 3T-1 + supply 24-48 V DC (XT7)

V0 2 x Ekip signaling 3T-1 + supply 110-240 V AC/DC (XT7)

W0 Ekip CI + supply 24-48 V DC (XT7)

X0 Ekip CI + supply 110-240 V AC/DC (XT7)

Auxiliary contacts

0A AUX-C 1Q+1SY 250 V AC/DC (XT1-XT6)

0B AUX-C 2Q+1SY 250 V AC/DC (XT1-XT6)

0C AUX-C 3Q+1SY 250 V AC/DC (XT2-XT6)

0D AUX-C 3Q+2SY 250 V AC/DC (XT2, XT4)

0E AUX-C 2Q+2SY+1 551 250 V AC/DC (XT2, XT4)

0F AUX-C 1 551 250 V AC/DC (XT2, XT4, XT5, XT6)

0G AUX-C 1Q+1SY 24 V DC (XT1-XT6)

0H AUX-C 3Q+1SY 24 V DC (XT2-XT6)

0J AUX-C 1 551 24 V DC (XT2, XT4, XT5, XT6)

0K AUX-C 1Q+1SY 400 V AC (XT2, XT4, XT5)

0L AUX-C 2Q 400 V AC (XT2, XT4, XT5)

Z0 AUX-C 3Q L 250 V AC (XT1-XT4)

0I AUX-C 1Q + 1SY L 250 V AC/DC (XT5)

0M AUX-C 1Q + 1SY L 24 V DC (XT5)

0N AUX-C 1S52 250 V AC/DC (XT5, XT6)

0P AUX-C 1S52 24 V DC (XT5, XT6)

0A AUX 4Q 400 V AC (XT7)

0B AUX 4Q 24 V DC (XT7)

0C AUX 2Q 400 V AC + 2Q 24 V DC (XT7)

0D AUX 1S52 24 V DC (XT7)

0E AUX 1S52 250 V AC (XT7)

0F AUX 1SY 24 V DC (XT7)

0G AUX 1SY 400 V AC (XT7)

0H S51 250 V AC (XT7)

0I S51 24 V DC (XT7)

Ekip COMs

01 Ethernet (XT2, XT4, XT5)

02 Hub (XT2, XT4, XT5)

03 IEC61850 (XT2, XT4, XT5)

04 Modbus RTU/STA Modbus RTU (XT2, XT4, XT5)

05 Modbus TCP/STA Modbus TCP (XT2, XT4, XT5)

04 STA Modbus RTU (XT2, XT4, XT5)

05 STA Modbus TCP (XT2, XT4, XT5)

06 Profinet (XT2, XT4, XT5)

07 Ekip Link (XT2, XT4, XT5)

08 OPC UA (XT5)

09 Open ADR (XT5)

Y0 Modbus RTU + supply 24-48 V DC (XT7)

Z0 Modbus TCP + supply 24-48 V DC (XT7)

0J Profibus + supply 24-48 V DC (XT7)

0K Profinet + supply 24-48 V DC (XT7)

0L Devicenet + supply 24-48 V DC (XT7)

0M Ethernet/IP + supply 24-48 V DC (XT7)

0N IEC61850 + supply 24-48 V DC (XT7)

0P Ekip Link + supply 24-48 V DC (XT7)

0Q Hub + supply 24-48 V DC (XT7)

0R Modbus RTU + supply 110-240 V AC/DC (XT7)

05 Modbus TCP + supply 110-240 V AC/DC (XT7)

0T Profibus + supply 110-240 V AC/DC (XT7)

0U Profinet + supply 110-240 V AC/DC (XT7)

0V Devicenet + supply 110-240 V AC/DC (XT7)

0W Ethernet/IP + supply 110-240 V AC/DC (XT7)

0X IEC61850 + supply 110-240 V AC/DC (XT7)

0Y Ekip Link + supply 110-240 V AC/DC (XT7)

0Z Hub + supply 110-240 V AC/DC (XT7)

01 Ekip Syncrocheck + supply 24-48 V DC (XT7)

02 Ekip Syncrocheck + supply 110-240 V AC/DC (XT7)

Note: Additional combination available through the Tmax XT configurator.

1) An XT7 frame includes a 24-48 V DC Ekip power supply.

* Under development

15: Front accessories

O None	T RHE Variable depth mechanism emergency + early aux contact, opening
A Motor operator 24 V DC	U RHD Standard direct handle + early aux contact, closing
B Motor operator 48–60 V DC	V RHD Emergency direct handle + early aux contact, closing
C Motor operator 110–125 V AC/DC	W RHE Variable depth mechanism, standard + early aux contact, closing
D Motor operator 220–250 V AC/DC	X RHE Variable depth mechanism emergency + early aux contact, closing
E Motor operator 380–440 V AC	Z RHE Variable depth mechanism, emergency
F Motor operator 480–525 V AC	9 RHE Variable depth mechanism + 2 PLL
G PLL Fixed padlock device in open/closed position	1 Motor operator for use with Modbus 24 V DC – MOE-E fast opening
H PLL Fixed padlock device in open position	2 Motor operator for use with Modbus 48–60 V DC – MOE-E fast opening
J PLL Removable padlock device in open position (XT1, XT3)	3 Motor operator for use with Modbus 110–125 V AC/DC – MOE-E fast opening
K FLD Front for locking operating lever mechanism (XT2, XT4)	4 Motor operator for use with Modbus 220–250 V AC/DC – MOE-E fast opening
L RHD Standard direct handle	5 Motor operator for use with Modbus 380–440 V AC – MOE-E fast opening
M RHD Emergency direct handle	6 Motor operator for use with Modbus 480–525 V AC – MOE-E fast opening
Y RHD Standard direct handle + 2 PLL	
N RHE Variable depth mechanism, standard	
P RHE Variable depth mechanism emergency + 2 PLL	
Q RHD Normal direct handle + early Aux contact, opening	
R RHD Emergency direct handle + early Aux contact, opening	
S RHE Variable depth mechanism, standard + early aux contact, opening	

16: Key locks

X None
A Ronis key lock, open position – A type
B Ronis key lock, open position – B type
C Ronis key lock, open position – C type
D Ronis key lock, open position – D type
E Ronis key lock, open position – different keys
F Ronis key lock, open/closed – different keys (not available for motors)
G KLC-A key lock open kirk (XT5 - XT7)
H KLC-A key lock open Ronis 1104 (XT5 - XT7)
J KLC-A key lock open STI (XT5 - XT7)
K KLC-A Castell key lock open (XT5 - XT7)

18: Additional certifications

X None
E Test certificate provided (in English)
F Test certificate provided (in French)
S Test certificate provided (in Spanish)
4 Extended warranty, 4 years
5 Extended warranty, 5 years

17: Advanced functionality

X None	Q ROCOF protection
A Class 1 power & energy metering	R EKIP power controller
G Measuring	S ATS main-tie-main closed license
H Voltages protection	T ATS main-tie-main open license
J Frequency protection	U ATS main-main closed license
K Power protection	V ATS main-main open license
L Adaptive protection	W Synchro reclosing
M Datalogger	X IPS – Interface protection system
N Network analyzer	Y Load shedding – predictive
P Voltages protection advanced	Z Load shedding – adaptive