XTSE Contactor

Contents

XTSE Contactors

Product Description

Eaton XTSE safety contactors are designed with the OEM and end customer in mind.

Providing enhanced levels of safety, XTSE contactors integrate to applications to not only achieve the highest safety circuits, but provide additional levels of protection that reinforce end-user safety.

Application Description

With offerings up to 150 A and 125 hp, XTSE contactors were engineered to provide highly effective control and protection for motors, compressors and pumps, etc. XTSE contactors can be used in safety applications according to EN 954-1, EN ISO 13849-1 and IEC 62061 up to Category 4, PI e and SIL 3. Information concerning safety-related characteristics (B10 and B10d values) is available online. The auxiliary contact modules and built-in auxiliary contacts meet IEC EN 60947-5-1 Annex L (positively driven) and IEC EN 60947-4-1 Annex F (mirror contacts).

Features and Benefits

Clear Inspection Window

- The clear inspection window located on top of the auxiliary contact prevents the contactor from being manually activated and also allows for safe status monitoring for the user

Rated for Highest Safety Characteristics

- XTSE contactors are able to integrate to safety circuits for up to category 4, PI e and SIL 3 applications
- SUVA Certified

Safety Agency Approval

- Integrated front-mounted auxiliary contacts
- XTSE contactors utilize a new enhanced latching mechanism to prevent removal of the auxiliary contact

Standards and Certifications

- CE Approved
- UL Listed
- IEC/EN 60947-4-1, 60947-5-1
- CSA Listed

Catalog Number Selection

XTSE Contactors

XT SE 007 B 22 TD

Designation
XT = ***XT*** line of IEC control

Type
SE = Three-pole FVNR IEC safety contactor
SRE = Auxiliary IEC safety contactor relay

Current Ratings, AC-3			
007	= 7 A	**050**	= 50 A
009	= 9 A	**065**	= 65 A
012	= 12 A	**080**	= 80 A
018	= 18 A	**095**	= 95 A
025	= 25 A	**115**	= 115 A
032	= 32 A	**150**	= 150 A
040	= 40 A		

Frame Size Designation
B = 45 mm
C = 45 mm
D = 55 mm
F = 90 mm
G = 90 mm
BE = 45 mm electronic compatible auxiliary contact
CE = 45 mm electronic compatible auxiliary contact

Built-In Auxiliary Contact
22 = 2NO–2NC
23 = 2NO–3NC
44 = 4NO–4NC

Coil Codes
A = 110 V, 50 Hz; 120 V, 60 Hz
TD = 24 Vdc

Product Selection

XTSE Safety Relay

XTSRE10B_

Conventional Thermal Current	Rated Operational Current AC-15 I_e (A)				Coil Voltage 110 V, 50 Hz; 120 V, 60 Hz	Coil Voltage 24 Vdc
I_{th} (A)	220–240 V	380–415 V	500 V	Auxiliary Contacts	Catalog Number	Catalog Number
16	6	4	1.5	4NO, 4NC	**XTSRE10B44A**	**XTSRE10B44TD**
16	6	4	1.5	3NO, 3NC+1NO, 1NC ①	**XTSRE10BE44A**	**XTSRE10BE44TD**

XTSE Safety Contactor

	Horsepower Rating (hp), Three-Phase					Coil Voltage 110 V, 50 Hz; 120 V, 60 Hz	Coil Voltage 24 Vdc
	200/208 V	230/240 V	460/480 V	575/600 V	Auxiliary Contacts	Catalog Number	Catalog Number
XTSE_B_	1-1/2	2	3	5	2NO, 3NC	**XTSE007B23A**	**XTSE007B23TD**
	3	3	5	7-1/2	2NO, 3NC	**XTSE009B23A**	**XTSE009B23TD**
	3	3	10	10	2NO, 3NC	**XTSE012B23A**	**XTSE012B23TD**
	1-1/2	2	3	5	1NO, 2NC+1NO, 1NC ①	**XTSE007BE23A**	**XTSE007BE23TD**
	3	3	5	7-1/2	1NO, 2NC+1NO, 1NC ①	**XTSE009BE23A**	**XTSE009BE23TD**
	3	3	10	10	1NO, 2NC+1NO, 1NC ①	**XTSE012BE23A**	**XTSE012BE23TD**
XTSE_C_	5	7-1/2	10	15	2NO, 3NC	**XTSE018C23A**	**XTSE018C23TD**
	7-1/2	7-1/2	15	20	2NO, 3NC	**XTSE025C23A**	**XTSE025C23TD**
	10	10	20	25	2NO, 3NC	**XTSE032C23A**	**XTSE032C23TD**
	5	7-1/2	10	15	1NO, 2NC+1NO, 1NC ①	**XTSE018CE23A**	**XTSE018CE23TD**
	7-1/2	7-1/2	15	20	1NO, 2NC+1NO, 1NC ①	**XTSE025CE23A**	**XTSE025CE23TD**
	10	10	20	25	1NO, 2NC+1NO, 1NC ①	**XTSE032CE23A**	**XTSE032CE23TD**
XTSE_D_	10	15	30	40	2NO, 2NC	**XTSE040D22A**	**XTSE040D22TD**
	15	20	40	50	2NO, 2NC	**XTSE050D22A**	**XTSE050D22TD**
	20	25	40	60	2NO, 2NC	**XTSE065D22A**	**XTSE065D22TD**
XTSE_F_	25	30	60	75	2NO, 2NC	**XTSE080F22A**	**XTSE080F22TD**
	25	40	75	100	2NO, 2NC	**XTSE095F22A**	**XTSE095F22TD**
	40	50	100	125	2NO, 2NC	**XTSE115G22A**	**XTSE115G22TD**
	40	60	125	125	2NO, 2NC	**XTSE150G22A**	**XTSE150G22TD**

Note

① 1NO and 1NC electronic compatible.

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XTOB, XTOT Overload Relays

Contents

Thermal Overload Relays

Product Description

The ***XT*** line of IEC motor thermal overload relays provides an efficient motor protection solution, available up to 630A. XTOB units can be directly mounted to the contactor or mounted separately.

Features and Benefits

- Direct connect up to 250A
- Stand alone and CT type up to 630A
- Large thermal overcurrent range
- Test button
- Manual/automatic selectable reset
- NO-NC auxiliary as standard
- Class 10A (to 250A)
- Class 30 (CT type)

Standards and Certifications

- IEC EN 60947
- CE approved
- UL
- CSA
- ATEX
- RoHS

Notes

Short-circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. See MN03402001E for more information on overload relays for Frames B–G.

Trip Class: 10A

Suitable for protection of EEx e-motors. EC prototype test certificate available upon request.

See manuals MN03402001E and MN03407001E, **Page V5-T1-135**.

Instructional Leaflets

Pub51221	XTOB, D Frame overload relays (inside of packaging)
Pub51222	XTOB, B–C Frame overload relays (inside of packaging)

Catalog Number Selection

XT IEC Overload Relays

XT OB P16 B C1 S

Device Type
XT = ***XT*** line of IEC control

Type
OB = Bimetallic overload relay
OT = Current transformer overload relay

Overload Release	
Frame B	**Frame G**
P16 = 0.1–0.16A	**035** = 25–35A
P24 = 0.16–0.24A	**050** = 35–50A
P40 = 0.24–0.4A	**070** = 50–70A
P60 = 0.4–0.6A	**100** = 70–100A
001 = 0.6–1A	**125** = 95–125A
1P6 = 1.0–1.6A	**150** = 120–150A
2P4 = 1.6–2.4A	**175** = 145–175A
004 = 2.4–4A	
006 = 4–6A	**Frame H**
010 = 6–10A	**070** = 50–70A
012 = 9–12A	**100** = 70–100A
016 = 12–16A	**125** = 95–125A
	160 = 120–160A
Frame C	**220** = 160–220A
P16 = 0.1–0.16A	**250** = 200–250A
P24 = 0.16–0.24A	
P40 = 0.24–0.4A	**Frame L**
P60 = 0.4–0.6A	**070** = 50–70A
001 = 0.6–1A	**100** = 70–100A
1P6 = 1.0–1.6A	**125** = 95–125A
2P4 = 1.6–2.4A	**160** = 120–160A
004 = 2.4–4A	**220** = 160–220A
006 = 4–6A	**250** = 200–250A
010 = 6–10A	**300** = 200–300A
016 = 12–16A	
024 = 16–24A	**Frame M**
032 = 24–32A	**063** = 42–63A
	090 = 60–90A
Frame D	**125** = 85–125A
010 = 6–10A	**160** = 110–160A
016 = 12–16A	**240** = 160–240A
024 = 16–24A	**290** = 190–290A
040 = 24–40A	**400** = 170–400A
057 = 40–57A	**540** = 360–540A
065 = 50–65A	
075 = 65–75A	**Frame N**
	063 = 42–63A
Frame F	**090** = 60–90A
035 = 25–35A	**125** = 85–125A
050 = 35–50A	**160** = 110–160A
070 = 50–70A	**240** = 160–240A
100 = 70–100A	**290** = 190–290A
	400 = 170–400A
	540 = 360–540A
	630 = 420–630A

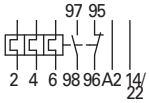
Frame Size Designation
B = 45 mm
C = 45 mm
D = 55 mm
G = 90 mm
L = 140 mm
Blank = XTOT only

Trip Class
C1 = Class 10A (XTOB)
C3 = Class 30 (XTOT)

Mounting
Blank = Direct to contactor
S = Separate mount

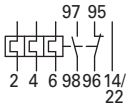
Frame B

Overload Relay, Direct Mount—Frame B

Overload Releases, I_r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A) Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker	CEC/NEC Fuse	Catalog Number
0.1–0.16		1NO-1NC	7–15A	25	0.5	25	3	**XTOBP16BC1**
0.16–0.24		1NO-1NC	7–15A	25	1	25	3	**XTOBP24BC1**
0.24–0.4		1NO-1NC	7–15A	25	2	25	3	**XTOBP40BC1**
0.4–0.6		1NO-1NC	7–15A	25	4	25	3	**XTOBP60BC1**
0.6–1		1NO-1NC	7–15A	25	4	25	3	**XTOB001BC1**
1–1.6		1NO-1NC	7–15A	25	6	25	6	**XTOB1P6BC1**
1.6–2.4		1NO-1NC	7–15A	25	10	25	6	**XTOB2P4BC1**
2.4–4		1NO-1NC	7–15A	25	16	25	15	**XTOB004BC1**
4–6		1NO-1NC	7–15A	25	20	25	20	**XTOB006BC1**
6–10		1NO-1NC	7–15A	50	25	25	35	**XTOB010BC1**
9–12		1NO-1NC	9–15A	50	25	25	45	**XTOB012BC1**
12–16		1NO-1NC	12–15A	50	25	30	45	**XTOB016BC1**

Frame C

Overload Relay, Direct Mount—Frame C

Overload Releases, I_r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A) Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker	CEC/NEC Fuse	Catalog Number
0.1–0.16		1NO-1NC	18–32A	25	0.5	25	3	**XTOBP16CC1**
0.16–0.24		1NO-1NC	18–32A	25	1	25	3	**XTOBP24CC1**
0.24–0.4		1NO-1NC	18–32A	25	2	25	3	**XTOBP40CC1**
0.4–0.6		1NO-1NC	18–32A	25	4	25	3	**XTOBP60CC1**
0.6–1		1NO-1NC	18–32A	25	4	25	3	**XTOB001CC1**
1–1.6		1NO-1NC	18–32A	25	6	25	6	**XTOB1P6CC1**
1.6–2.4		1NO-1NC	18–32A	25	10	25	6	**XTOB2P4CC1**
2.4–4		1NO-1NC	18–32A	25	16	25	15	**XTOB004CC1**
4–6		1NO-1NC	18–32A	25	20	25	20	**XTOB006CC1**
6–10		1NO-1NC	18–32A	50	25	25	25	**XTOB010CC1**
10–16		1NO-1NC	18–32A	63	35	30	25	**XTOB016CC1**
16–24		1NO-1NC	18–32A	100	35	30	25	**XTOB024CC1**
24–32		1NO-1NC	25–32A	125	63	30	25	**XTOB032CC1**
32–38		1NO-1NC	32–38A	125	63	30	25	**XTOB032CC1**

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XTSE Contactors

Product Description

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Providing enhanced levels of safety, XTSE contactors integrate to applications to not only achieve the highest safety circuits, but provide additional levels of protection that reinforce end-user safety.

Application Description

With offerings up to 150 A and 125 hp, XTSE contactors were engineered to provide highly effective control and protection for motors, compressors and pumps, etc. XTSE contactors can be used in safety applications according to EN 954-1, EN ISO 13849-1 and IEC 62061 up to Category 4, PI e and SIL 3. Information concerning safety-related characteristics (B10 and B10d values) is available online. The auxiliary contact modules and built-in auxiliary contacts meet IEC EN 60947-5-1 Annex L (positively driven) and IEC EN 60947-4-1 Annex F (mirror contacts).

Features and Benefits

Clear Inspection Window

- The clear inspection window located on top of the auxiliary contact prevents the contactor from being manually activated and also allows for safe status monitoring for the user

Rated for Highest Safety Characteristics

- XTSE contactors are able to integrate to safety circuits for up to category 4, PI e and SIL 3 applications
- SUVA Certified

Safety Agency Approval

- Integrated front-mounted auxiliary contacts
- XTSE contactors utilize a new enhanced latching mechanism to prevent removal of the auxiliary contact

Standards and Certifications

- CE Approved
- UL Listed
- IEC/EN 60947-4-1, 60947-5-1
- CSA Listed

Catalog Number Selection

XTSE Contactors

XT SE 007 B 22 TD

Designation
XT = ***XT*** line of IEC control

Type
SE = Three-pole FVNR IEC safety contactor
SRE = Auxiliary IEC safety contactor relay

Current Ratings, AC-3			
007	= 7 A	**050**	= 50 A
009	= 9 A	**065**	= 65 A
012	= 12 A	**080**	= 80 A
018	= 18 A	**095**	= 95 A
025	= 25 A	**115**	= 115 A
032	= 32 A	**150**	= 150 A
040	= 40 A		

Frame Size Designation
B = 45 mm
C = 45 mm
D = 55 mm
F = 90 mm
G = 90 mm
BE = 45 mm electronic compatible auxiliary contact
CE = 45 mm electronic compatible auxiliary contact

Built-In Auxiliary Contact
22 = 2NO–2NC
23 = 2NO–3NC
44 = 4NO–4NC

Coil Codes
A = 110 V, 50 Hz; 120 V, 60 Hz
TD = 24 Vdc

Product Selection

XTSE Safety Relay

XTSRE10B_

Conventional Thermal Current	Rated Operational Current AC-15 I_e (A)				Coil Voltage 110 V, 50 Hz; 120 V, 60 Hz	Coil Voltage 24 Vdc
I_{th} (A)	220–240 V	380–415 V	500 V	Auxiliary Contacts	Catalog Number	Catalog Number
16	6	4	1.5	4NO, 4NC	**XTSRE10B44A**	**XTSRE10B44TD**
16	6	4	1.5	3NO, 3NC+1NO, 1NC ①	**XTSRE10BE44A**	**XTSRE10BE44TD**

XTSE Safety Contactor

	Horsepower Rating (hp), Three-Phase					Coil Voltage 110 V, 50 Hz; 120 V, 60 Hz	Coil Voltage 24 Vdc
	200/208 V	230/240 V	460/480 V	575/600 V	Auxiliary Contacts	Catalog Number	Catalog Number
XTSE_B_	1-1/2	2	3	5	2NO, 3NC	**XTSE007B23A**	**XTSE007B23TD**
	3	3	5	7-1/2	2NO, 3NC	**XTSE009B23A**	**XTSE009B23TD**
	3	3	10	10	2NO, 3NC	**XTSE012B23A**	**XTSE012B23TD**
	1-1/2	2	3	5	1NO, 2NC+1NO, 1NC ①	**XTSE007BE23A**	**XTSE007BE23TD**
	3	3	5	7-1/2	1NO, 2NC+1NO, 1NC ①	**XTSE009BE23A**	**XTSE009BE23TD**
	3	3	10	10	1NO, 2NC+1NO, 1NC ①	**XTSE012BE23A**	**XTSE012BE23TD**
XTSE_C_	5	7-1/2	10	15	2NO, 3NC	**XTSE018C23A**	**XTSE018C23TD**
	7-1/2	7-1/2	15	20	2NO, 3NC	**XTSE025C23A**	**XTSE025C23TD**
	10	10	20	25	2NO, 3NC	**XTSE032C23A**	**XTSE032C23TD**
	5	7-1/2	10	15	1NO, 2NC+1NO, 1NC ①	**XTSE018CE23A**	**XTSE018CE23TD**
	7-1/2	7-1/2	15	20	1NO, 2NC+1NO, 1NC ①	**XTSE025CE23A**	**XTSE025CE23TD**
	10	10	20	25	1NO, 2NC+1NO, 1NC ①	**XTSE032CE23A**	**XTSE032CE23TD**
XTSE_D_	10	15	30	40	2NO, 2NC	**XTSE040D22A**	**XTSE040D22TD**
	15	20	40	50	2NO, 2NC	**XTSE050D22A**	**XTSE050D22TD**
	20	25	40	60	2NO, 2NC	**XTSE065D22A**	**XTSE065D22TD**
XTSE_F_	25	30	60	75	2NO, 2NC	**XTSE080F22A**	**XTSE080F22TD**
	25	40	75	100	2NO, 2NC	**XTSE095F22A**	**XTSE095F22TD**
	40	50	100	125	2NO, 2NC	**XTSE115G22A**	**XTSE115G22TD**
	40	60	125	125	2NO, 2NC	**XTSE150G22A**	**XTSE150G22TD**

Note

① 1NO and 1NC electronic compatible.

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XTOB, XTOT Overload Relays

Contents

Thermal Overload Relays

Product Description

The ***XT*** line of IEC motor thermal overload relays provides an efficient motor protection solution, available up to 630A. XTOB units can be directly mounted to the contactor or mounted separately.

Features and Benefits

- Direct connect up to 250A
- Stand alone and CT type up to 630A
- Large thermal overcurrent range
- Test button
- Manual/automatic selectable reset
- NO-NC auxiliary as standard
- Class 10A (to 250A)
- Class 30 (CT type)

Standards and Certifications

- IEC EN 60947
- CE approved
- UL
- CSA
- ATEX
- RoHS

Notes

Short-circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. See MN03402001E for more information on overload relays for Frames B–G.

Trip Class: 10A

Suitable for protection of EEx e-motors. EC prototype test certificate available upon request.

See manuals MN03402001E and MN03407001E, **Page V5-T1-135**.

Instructional Leaflets

Pub51221	XTOB, D Frame overload relays (inside of packaging)
Pub51222	XTOB, B–C Frame overload relays (inside of packaging)

Catalog Number Selection

XT IEC Overload Relays

XT OB P16 B C1 S

Device Type
XT = ***XT*** line of IEC control

Type
OB = Bimetallic overload relay
OT = Current transformer overload relay

Overload Release	
Frame B	**Frame G**
P16 = 0.1–0.16A	**035** = 25–35A
P24 = 0.16–0.24A	**050** = 35–50A
P40 = 0.24–0.4A	**070** = 50–70A
P60 = 0.4–0.6A	**100** = 70–100A
001 = 0.6–1A	**125** = 95–125A
1P6 = 1.0–1.6A	**150** = 120–150A
2P4 = 1.6–2.4A	**175** = 145–175A
004 = 2.4–4A	
006 = 4–6A	**Frame H**
010 = 6–10A	**070** = 50–70A
012 = 9–12A	**100** = 70–100A
016 = 12–16A	**125** = 95–125A
	160 = 120–160A
Frame C	**220** = 160–220A
P16 = 0.1–0.16A	**250** = 200–250A
P24 = 0.16–0.24A	
P40 = 0.24–0.4A	**Frame L**
P60 = 0.4–0.6A	**070** = 50–70A
001 = 0.6–1A	**100** = 70–100A
1P6 = 1.0–1.6A	**125** = 95–125A
2P4 = 1.6–2.4A	**160** = 120–160A
004 = 2.4–4A	**220** = 160–220A
006 = 4–6A	**250** = 200–250A
010 = 6–10A	**300** = 200–300A
016 = 12–16A	
024 = 16–24A	**Frame M**
032 = 24–32A	**063** = 42–63A
	090 = 60–90A
Frame D	**125** = 85–125A
010 = 6–10A	**160** = 110–160A
016 = 12–16A	**240** = 160–240A
024 = 16–24A	**290** = 190–290A
040 = 24–40A	**400** = 170–400A
057 = 40–57A	**540** = 360–540A
065 = 50–65A	
075 = 65–75A	**Frame N**
	063 = 42–63A
Frame F	**090** = 60–90A
035 = 25–35A	**125** = 85–125A
050 = 35–50A	**160** = 110–160A
070 = 50–70A	**240** = 160–240A
100 = 70–100A	**290** = 190–290A
	400 = 170–400A
	540 = 360–540A
	630 = 420–630A

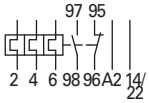
Frame Size Designation
B = 45 mm
C = 45 mm
D = 55 mm
G = 90 mm
L = 140 mm
Blank = XTOT only

Trip Class
C1 = Class 10A (XTOB)
C3 = Class 30 (XTOT)

Mounting
Blank = Direct to contactor
S = Separate mount

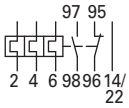
Frame B

Overload Relay, Direct Mount—Frame B

Overload Releases, I_r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A) Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker	CEC/NEC Fuse	Catalog Number
0.1–0.16		1NO-1NC	7–15A	25	0.5	25	3	**XTOBP16BC1**
0.16–0.24		1NO-1NC	7–15A	25	1	25	3	**XTOBP24BC1**
0.24–0.4		1NO-1NC	7–15A	25	2	25	3	**XTOBP40BC1**
0.4–0.6		1NO-1NC	7–15A	25	4	25	3	**XTOBP60BC1**
0.6–1		1NO-1NC	7–15A	25	4	25	3	**XTOB001BC1**
1–1.6		1NO-1NC	7–15A	25	6	25	6	**XTOB1P6BC1**
1.6–2.4		1NO-1NC	7–15A	25	10	25	6	**XTOB2P4BC1**
2.4–4		1NO-1NC	7–15A	25	16	25	15	**XTOB004BC1**
4–6		1NO-1NC	7–15A	25	20	25	20	**XTOB006BC1**
6–10		1NO-1NC	7–15A	50	25	25	35	**XTOB010BC1**
9–12		1NO-1NC	9–15A	50	25	25	45	**XTOB012BC1**
12–16		1NO-1NC	12–15A	50	25	30	45	**XTOB016BC1**

Frame C

Overload Relay, Direct Mount—Frame C

Overload Releases, I_r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A) Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker	CEC/NEC Fuse	Catalog Number
0.1–0.16		1NO-1NC	18–32A	25	0.5	25	3	**XTOBP16CC1**
0.16–0.24		1NO-1NC	18–32A	25	1	25	3	**XTOBP24CC1**
0.24–0.4		1NO-1NC	18–32A	25	2	25	3	**XTOBP40CC1**
0.4–0.6		1NO-1NC	18–32A	25	4	25	3	**XTOBP60CC1**
0.6–1		1NO-1NC	18–32A	25	4	25	3	**XTOB001CC1**
1–1.6		1NO-1NC	18–32A	25	6	25	6	**XTOB1P6CC1**
1.6–2.4		1NO-1NC	18–32A	25	10	25	6	**XTOB2P4CC1**
2.4–4		1NO-1NC	18–32A	25	16	25	15	**XTOB004CC1**
4–6		1NO-1NC	18–32A	25	20	25	20	**XTOB006CC1**
6–10		1NO-1NC	18–32A	50	25	25	25	**XTOB010CC1**
10–16		1NO-1NC	18–32A	63	35	30	25	**XTOB016CC1**
16–24		1NO-1NC	18–32A	100	35	30	25	**XTOB024CC1**
24–32		1NO-1NC	25–32A	125	63	30	25	**XTOB032CC1**
32–38		1NO-1NC	32–38A	125	63	30	25	**XTOB032CC1**