

AC CONTACTORS

Reliable Switching for Industrial Power Control

Complete Range of AC Contactors
for Every Application



SAFE & RELIABLE

Engineered for safe
and dependable operation



HIGH PERFORMANCE

Efficient switching with
long electrical life



GLOBAL TRUST

Exported to 50+ countries
worldwide



XUX2 Series



XUX5 Series



XUX8 Series



Complete AC
Contactor Range
9A – 1000A



Wide Coil
Options
AC / DC / AC/DC



Long Electrical
Life
High Durability



Easy Installation
& Maintenance





State-of-the-art Manufacturing Facility | Wenzhou, Zhejiang Province, China

Zhejiang Xunwo Electric Co., Ltd. is a leading Chinese manufacturer specializing in Motor Protection Circuit Breakers, Magnetic Contactors, and Thermal Overload Relays. Established in **2011** and headquartered in Wenzhou, Zhejiang Province, China, we have grown into a globally trusted brand present in over 50 countries. With **15+** years of 100% in-house manufacturing experience, every product is designed, engineered, tested, and quality-checked under one roof — ensuring consistent quality, competitive pricing, and on-time delivery for our global partners.



15+

Years of Experience



50+

Countries Served



200+

Employees



100%

In-House Production



ISO 9001:2015



CE Marking



CCC Certified



IEC 60947



RoHS Compliant

Our Certifications



ISO 9001:2015 — Quality Management System
Valid until: 2028



ISO 14001:2015 — Environmental Management System
Valid until: 2026



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ISO 9001

Where Precision Meets Production

From raw material to finished product — everything under one roof



01 **CNC & Tooling** —
Precision machining for
tight tolerances



02 **Automated PCB** —
Advanced assembly &
soldering lines



03 **Injection Moulding** —
Durable housing
production



04 **Coil & Contacts** —
Core component
manufacturing



05 **Surface Treatment** —
In-house finishing &
coating



06 **Quality Testing** —
100% in-house
QC lab



Every XUNWO product is assembled, tested
and quality-checked at our Wenzhou facility, China

“ | Quality is not inspected — it is manufactured. ”

ELX — contactors range

3P, 4P & capacitor duty — with AC/DC coil



3P CONTACTOR

3P CONTACTOR

CAPACITOR DUTY CONTACTOR

ELX range includes:

- 3P Contactor from 9A to 800A AC3
- 4P Contactor from 16A to 1000A AC1
- Capacitor Duty Contactor — 3kVAr to 100kVAr, AC6b

ELX Series Contactors can be utilized as per following application for frequent operation and harsh environment with wide band coil which assure reliable and trouble free operations:

- Heating, Lighting, DG, Transformer, Motor and Capacitors etc.
- Controlling distribution circuit, EV charger, Data centers etc.

These contactors confirm to latest IEC/EN 60947-4-1 & CE.

Operation, installation & technical performance

Type	Operation, installation & performance
Installation class	III
Pollution degree	3
Compliant standards	IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1
Certification mark	CE
Enclosure protection degree	IP20
Ambient temperature	Normal: -5°C~+55°C. Storage: -60°C~+80°C.
Altitude	< 2000 m above sea level
Atmospheric conditions	Up to 90%
Installation conditions	Angle between installation surface and vertical surface should not exceed $\pm 5^\circ$
Rated insulation voltage U_i (V)	800V upto 100A AC-3 / 1000V upto 800A AC-3
Rated impulse withstand voltage U_{imp} (kV)	8kV
Rated making capacity	Making current: $10 \times I_e$ (AC-3) or $12 \times I_e$ (AC-4)

Electrical & mechanical life

Model range	Electrical life (cycles, AC-3)	Mechanical life (cycles)
ELX-09~18	2.8×10^6	22×10^6
ELX-25~32	2.0×10^6	22×10^6
ELX-40~65	2.0×10^6	18×10^6
ELX-80~100	2.0×10^6	12×10^6
ELX-115~265	1.8×10^6	11×10^6
ELX-330~800	1.6×10^6	8×10^6

Contact, relay & coil specifications

Parameter	Value
Main contact configuration	3 Pole & 4 Pole
Matching thermal overload relay (ELX-09~32)	ETR-32
Matching thermal overload relay (ELX-40~100)	ETR-100
Built-in auxiliary contact (3P)	1 NO + 1 NC
Built-in auxiliary contact (4P)	Not fitted
Coil control power (ELX-09~18)	24, 110, 220, 240, 415 V + wide band
Coil control power (ELX-25~100)	24, 36, 48, 110, 220, 240, 415 V + wide band
Coil control power (ELX-150~800)	24~660 V
Control voltage — pick up (ELX-9~100)	70~120% U_s
Control voltage — pick up (ELX-115~800)	85~110% U_s
Control voltage — drop off (ELX-9~100)	20~65% U_s
Control voltage — drop off, AC (ELX-115~800)	20~75% U_s
Control voltage — drop off, DC (ELX-115~800)	10~75% U_s
Coil avg power — inrush VA (ELX-09~18)	40~60
Coil avg power — inrush VA (ELX-25~32)	50~70
Coil avg power — inrush VA (ELX-40~65)	160~120
Coil avg power — inrush VA (ELX-80~100)	190~250
Coil avg power — inrush VA (115~150)	550

Technical performance

Power data & model ratings — ELX-09 to ELX-100

Pick-up and hold power

Model range	Pick up power (VA)	Hold power (VA)
ELX-185~225	810	55
ELX-265	1200	85
ELX-330	600	10
ELX-400	1000	12
ELX-500	1050	16
ELX-630	1500	20
ELX-780	1900	45
ELX-800	1600	22

Contactor 3P model ratings — ELX-09 to ELX-32

Model	Rated voltage (V)	Ith (A)	Ie AC-3 (A)	Ie AC-4 (A)	AC-3 (kW)
ELX-09	220/230/240V	25	9	9	2.2
ELX-09	380/400/415V	25	9	9	4
ELX-09	660/690V	25	6.6	6.6	5.5
ELX-12	220/230/240V	30	12	12	3
ELX-12	380/400/415V	30	12	12	5.5
ELX-12	660/690V	30	8.9	8.9	7.5
ELX-18	220/230/240V	30	18	18	4
ELX-18	380/400/415V	32	18	18	7.5
ELX-18	660/690V	32	12	12	10
ELX-25	220/230/240V	45	25	25	5.5
ELX-25	380/400/415V	45	25	25	11
ELX-25	660/690V	45	18	18	15
ELX-32	220/230/240V	55	32	32	7.5
ELX-32	380/400/415V	55	32	32	15
ELX-32	660/690V	55	22	22	18.5

Contactor 3P model ratings — ELX-40 to ELX-100 (AC-3/AC-4)

Model	Rated voltage (V)	Ith (A)	Ie AC-3 (A)	Ie AC-4 (A)	AC-3 (kW)
ELX-40	380/400/415V	55	40	40	18.5
ELX-40	660/690V	55	34	34	30
ELX-40	220/230/240V	85	50	50	15
ELX-50	380/400/415V	85	50	50	22
ELX-50	660/690V	85	39	39	37
ELX-50	220/230/240V	100	65	65	18.5
ELX-70	380/400/415V	100	65	65	30
ELX-70	660/690V	100	42	42	37
ELX-70	220/230/240V	100	80	80	22
ELX-80	380/400/415V	100	80	80	37
ELX-80	660/690V	100	49	49	45
ELX-80	220/230/240V	160	100	100	25
ELX-100	380/400/415V	160	100	100	45
ELX-100	660/690V	160	49	49	45

Contactor model ratings

ELX-115 to ELX-265 (max AC-1 / AC-3)

Model	Rated voltage	Ith (A)	max AC-1 (A)	max AC-3 (A)	AC-3 (kW)
ELX-115	220/240V	200	200	115	30
	380/400V	200	200	115	55
	415/440V	200	200	115	59
	500V	200	200	—	75
	660/690V	200	200	—	80
	1000V	200	200	—	65
ELX-150	220/240V	250	250	150	40
	380/400V	250	250	150	75
	415/440V	250	250	150	80
	500V	250	250	—	90
	660/690V	250	250	—	100
	1000V	250	250	—	65
ELX-185	220/240V	275	275	185	55
	380/400V	275	275	185	90
	415/440V	275	275	185	100
	500V	275	275	—	110
	660/690V	275	275	—	120
	1000V	275	275	—	100
ELX-225	220/240V	315	315	225	63
	380/400V	315	315	225	100
	415/440V	315	315	225	110
	500V	315	315	—	129
	660/690V	315	315	—	129
	1000V	315	315	—	140
ELX-265	220/240V	350	350	265	75
	380/400V	350	350	265	132
	415/440V	350	350	265	140
	500V	350	350	—	160
	660/690V	350	350	—	180
	1000V	350	350	—	147

Contactor model ratings

ELX-330 to ELX-800 (max AC-1 / AC-3)

Model	Rated voltage	Ith (A)	max AC-1 (A)	max AC-3 (A)	AC-3 (kW)
ELX-330	240V	400	400	330	100
	400V	400	400	330	160
	440V	400	400	330	180
	500V	400	400	—	200
	690V	400	400	—	220
	1000V	400	400	—	160
ELX-400	240V	500	500	400	129
	400V	500	500	400	200
	440V	500	500	400	220
	500V	500	500	—	257
	690V	500	500	—	280
	1000V	500	500	—	185
ELX-500	240V	700	700	500	147
	400V	700	700	500	250
	440V	700	700	500	280
	500V	700	700	—	335
	690V	700	700	—	355
	1000V	700	700	—	335
ELX-630	240V	900	800	630	200
	400V	900	800	630	335
	440V	900	800	630	275
	500V	900	800	—	400
	690V	900	800	—	450
	1000V	900	800	—	450
ELX-800	240V	1000	1000	780	220
	400V	1000	1000	780	400
	440V	1000	1000	780	425
	500V	1000	1000	—	450
	690V	1000	1000	—	475
	1000V	1000	1000	—	450

Four-pole contactors

ELX20K to ELX100K — AC control circuit

Contactor 4P	Rated voltage (V)	Ith (A) 0≤55°C	max AC-1 (A) 0≤55°C	Rated control power AC-3 (kW)
ELX20K	230V	20	20	8
	400V	20	20	14
	415V	20	20	14
	440V	20	20	15
	500V	20	20	16
	690V	20	20	22
ELX25K	230V	25	25	9.5
	400V	25	25	16
	415V	25	25	17
	440V	25	25	18
	500V	25	25	21
	690V	25	25	27
ELX28K	230V	28	28	10
	400V	28	28	18
	415V	28	28	19
	440V	28	28	20
	500V	28	28	23
	690V	28	28	32
ELX32K	230V	32	32	12
	400V	32	32	21
	415V	32	32	22
	440V	32	32	23
	500V	32	32	26
	690V	32	32	36
ELX45K	230V	45	45	17
	400V	45	45	30
	415V	45	45	31
	440V	45	45	33
	500V	45	45	37
	690V	45	45	51
ELX60K	230V	56 (60)	56 (60)	21
	400V	56 (60)	56 (60)	36
	415V	56 (60)	56 (60)	38
	440V	56 (60)	56 (60)	40
	500V	56 (60)	56 (60)	45
	690V	56 (60)	56 (60)	62
ELX70K	230V	70	70	26
	400V	70	70	46
	415V	70	70	48
	440V	70	70	51
	500V	70	70	58
	690V	70	70	79
ELX90K	1000V	70	70	115
	230V	90	90	34
	400V	90	90	59
	415V	90	90	61
	440V	90	90	65
	500V	90	90	74
ELX100K	690V	90	90	102
	1000V	90	90	148
	230V	100	100	38
	400V	100	100	65
	415V	100	100	68
	440V	100	100	72
ELX100K	500V	100	100	82
	690V	100	100	114
	1000V	100	100	165

Four-pole contactors

ELX115K to ELX450K — AC control circuit

Contactor 4P	Rated voltage (V)	I _{th} (A) 0≤55°C	max AC-1 (A) 0≤55°C	Rated control power AC-3 (kW)
ELX115K	230V	115	115	43
	400V	115	115	76
	415V	115	115	79
	440V	115	115	83
	500V	115	115	95
	690V	115	115	120
	1000V	115	115	185
ELX140K	230V	140	140	53
	400V	140	140	92
	415V	140	140	96
	440V	140	140	101
	500V	140	140	115
	690V	140	140	159
	1000V	140	140	230
ELX160K	230V	160	160	61
	400V	160	160	105
	415V	160	160	109
	440V	160	160	116
	500V	160	160	132
	690V	160	160	182
	1000V	160	160	263
ELX165K	230V	165	165	62
	400V	165	165	110
	415V	165	165	113
	440V	165	165	119
	500V	165	165	136
	690V	165	165	187
	1000V	165	165	271
ELX250K	230V	250	250	95
	400V	250	250	165
	415V	250	250	171
	440V	250	250	181
	500V	250	250	206
	690V	250	250	284
	1000V	250	250	411
ELX275K	230V	275	275	104
	400V	275	275	181
	415V	275	275	188
	440V	275	275	199
	500V	275	275	226
	690V	275	275	312
	1000V	275	275	452
ELX350K	230V	350	350	132
	400V	350	350	230
	415V	350	350	239
	440V	350	350	253
	500V	350	350	288
	690V	350	350	397
	1000V	350	350	576
ELX450K	230V	450	450	170
	400V	450	450	296
	415V	450	450	307
	440V	450	450	326
	500V	450	450	370
	690V	450	450	511
	1000V	450	450	740

Four-pole contactors

ELX500K to ELX1600K — AC control circuit

Contactor 4P	Rated voltage (V)	Ith (A) 0≤55°C	max AC-1 (A) 0≤55°C	Rated control power AC-3 (kW)
ELX500K	230V	500	500	189
	400V	500	500	329
	415V	500	500	341
	440V	500	500	362
	500V	500	500	411
	690V	500	500	568
	1000V	500	500	823
ELX600K	230V	600	600	227
	400V	600	600	395
	415V	600	600	410
	440V	600	600	434
	500V	600	600	494
	690V	600	600	681
	1000V	600	600	987
ELX700K	230V	700	700	252
	400V	700	700	438
	415V	700	700	478
	440V	700	700	500
	500V	700	700	575
	690V	700	700	755
	1000V	700	700	1100
ELX800K	230V	800	800	288
	400V	800	800	500
	415V	800	800	545
	440V	800	800	580
	500V	800	800	655
	690V	800	800	860
	1000V	800	800	1250
ELX1000K	230V	1000	1000	350
	400V	1000	1000	600
	415V	1000	1000	630
	440V	1000	1000	725
	500V	1000	1000	750
	690V	1000	1000	1000
	1000V	1000	1000	1600
ELX1250K	230V	1250	1250	480
	400V	1250	1250	830
	415V	1250	1250	900
	440V	1250	1250	905
	500V	1250	1250	1100
	690V	1250	1250	1450
	1000V	1250	1250	2000
ELX1600K	230V	1600	1600	550
	400V	1600	1600	950
	415V	1600	1600	1000
	440V	1600	1600	1160
	500V	1600	1600	1200
	690V	1600	1600	1650
	1000V	1600	1600	2500

Contactor wiring

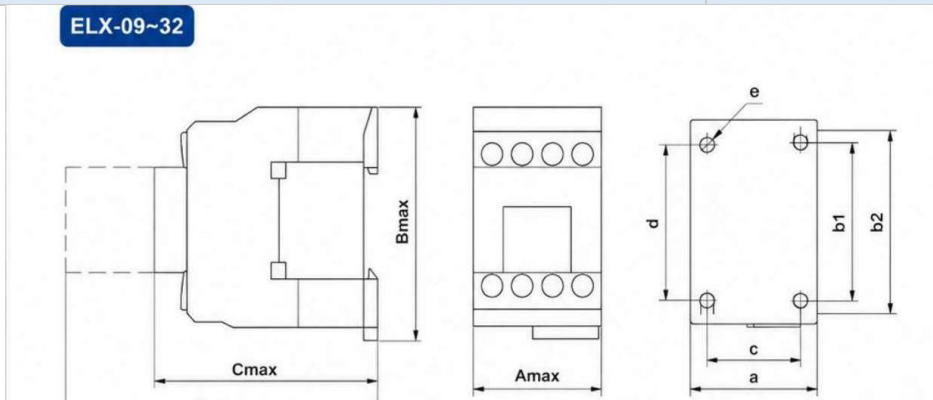
Cable & connection specifications — ELX-09 to ELX-110

Main circuit connection

Main circuit connection	ELX-09~12	ELX-18~25	ELX-32~40	ELX-50~70	ELX-80~110
Main circuit — flexible wire (1 core, mm ²)	1-4	1.5-6	1.5-10	6-25	10-35
Main circuit — flexible wire (2 core, mm ²)	1-2.5	1.5-4	1.5-6	4-10	6-16
Main circuit — hard wire (1 core, mm ²)	1-4	1.5-6	1.5-6	6-25	10-35
Main circuit — hard wire (2 core, mm ²)	1-4	1.5-6	1.5-6	4-10	6-16
Fastening screw size	M3.5	M3.5	M4	M8	M8
Tightening torque (N·m)	0.8	0.8	1.2	6	6

Cable circuit connection

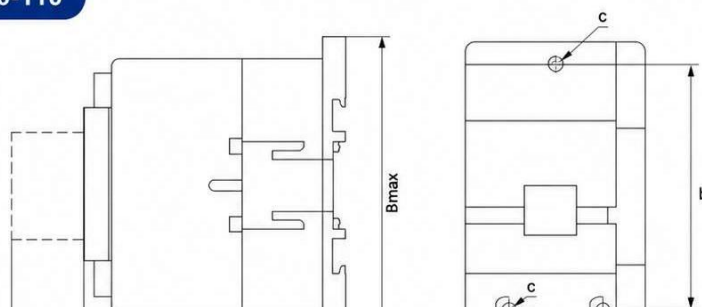
Cable circuit connection (ELX-32~40 only)	Value
Prefabricated flexible wire, 1 core (mm ²)	1-4
Flexible wire, 2 core (mm ²)	1-2.5
Hard wire, 1 core (mm ²)	1-4
Hard wire, 2 core (mm ²)	1-4
Fastening screw size	M3.5
Tightening torque (N·m)	0.8



Dimension table

Model	Amax	Bmax	Cmax	Dmax	a	b1/b2	c	d	e
ELX-09~18	45	75	85	117	35	50/60	34	48	Ø 5
ELX-25~32	45	85	92	124	35	50/60	34	48	Ø 5

ELX-40~110



Dimension table

Model	Amax	Bmax	Cmax	Dmax	a	b	c
ELX-40~70	77	127	117	151	40	100/110	Ø 6.5
ELX-80~110	86	127	125	160	40	100/110	Ø 6.5

Cabling — ELX-115 to ELX-800

Parameter	115	150/185	225	265	330	400	500	630	780	800
Max. cable cross-section (count)	2	2	2	2	2	2	2	2	2	2
Cable (mm)	20×3	25×3	32×3	32×4	30×5	30×5	40×5	60×5	100×5	60×5
Cable with tabs (mm ²)	95	120/150	185	240	240	2×150	2×240	—	—	—
Cable with connectors (mm ²)	95	120/150	185	240	—	—	—	—	—	—
Bolt diameter (mm)	Ø6	Ø8	Ø10	Ø10	Ø10	Ø10	Ø10	Ø12	Ø12	Ø12
Tightening torque (N·m)	10	18	35	35	35	35	35	58	58	58

Capacitor duty contactor

ELX-C series

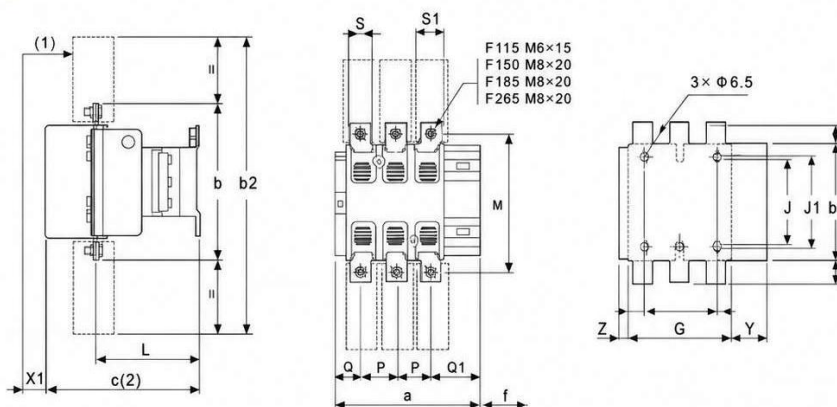


Designed for AC systems with rated voltages up to 690V, with and without harmonic conditions, at operating frequencies of 50Hz/60Hz. The ELX-C19 capacitor contactor is purpose-built for switching low-voltage shunt capacitors in parallel reactive power compensation circuits. A built-in current-limiting resistor suppresses inrush surge current at the moment of capacitor energization, reducing electrical stress on the capacitors and extending their service life.

Capacitor duty contactors are available from 5 kVar to 100 kVar with an inrush current limitation factor of 250 Ir.

Operation and installation conditions

Type	Operation and installation conditions
Installation class	III
Pollution degree	3
Compliant standards	IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1
Certification mark	CE
Enclosure protection degree	IP20
Ambient temperature (normal)	5°C to +55°C
Ambient temperature (storage)	-60°C to +80°C
Altitude	< 2000 m above sea level
Atmospheric conditions	Up to 90%
Installation angle tolerance	± 5° from vertical



Dimension table — by current rating (A)

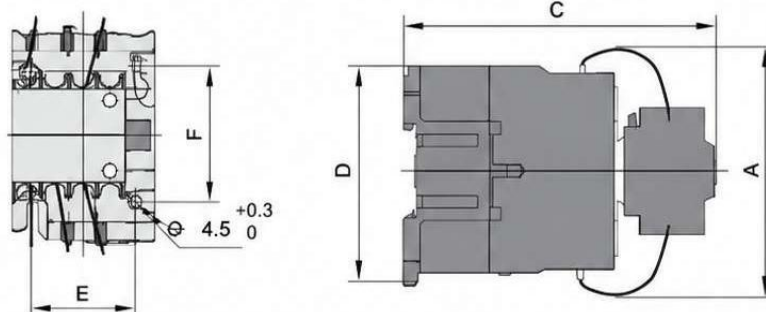
Item	115	150	185	225	265	330	400	500	630	780	800
A	163.5	163.5	168.5	168.5	201.5	213	213	233	309	704	309
B	162	170	174	197	203	206	206	238	304	435	304
C	171	171	181	181	213	219	219	232	255	255	255
F	131	131	130	130	147	147	151	169	201	201	201
G	106	106	111	111	140	154.5	170	170	180	180	240
J	120-106	120-106	120-106	120-106	120-106	120-106	180	180	180	180	180
L	107	107	113.5	113.5	141	145	145	146	155	165	155
M	147	150	154	172	178	181	181	208	264	400	264
P	37	40	40	48	48	48	48	55	80	160	80
Q	29.5	26	29	21	39	43	69	76	60	192	60
S	20	20	20	25	25	25	25	30	40	60	40

Dimensions (mm)

Capacitor duty — ELX-C25~32 & ELX-C40~95

ELX-C25~32

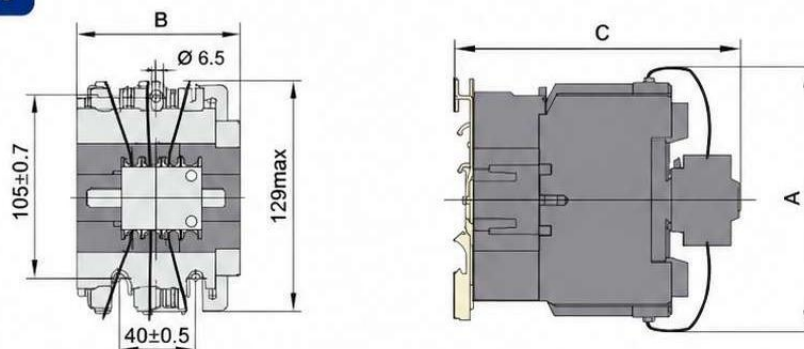
ELX-C25~32



Model	Amax	Bmax	Cmax	Dmax	E	F	Note
ELX-C25~32	80	45	132	85	34	50/60	Not only fixed by screws but also could be fixed with 35mm din rail

ELX-C40~95

ELX-C40~95



Model	Amax	Bmax	Cmax	Dmax	Note
ELX-40~63	132	77	153	127	Not only fixed by screws but also could be fixed with 35mm and 75mm din rail
ELX-95	135	86	153	127	Not only fixed by screws but also could be fixed with 35mm and 75mm din rail

Wiring and installation

- The connection terminals are protected through insulation cover, which is reliable and secure for installation and operation.
- For ELX-C 25~40, screws are available for installation, as well as the DIN rail; for ELX-C 63~95, standard rail are available for 35mm or 75mm standards rail are available for installation.