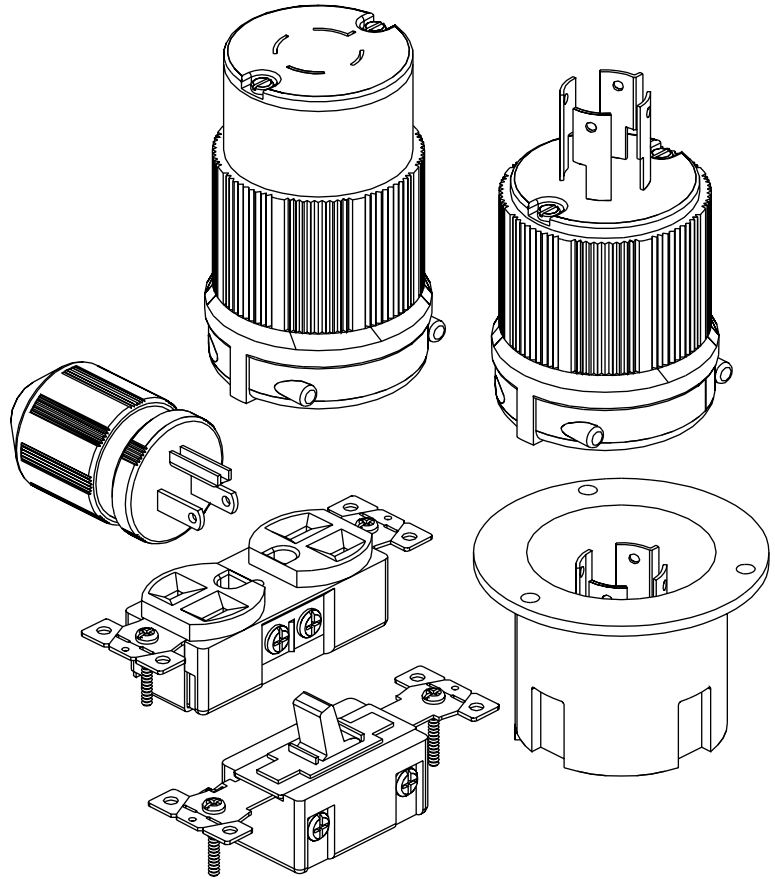


Cooper Wiring Devices

Wiring Devices according to NEMA/CSA



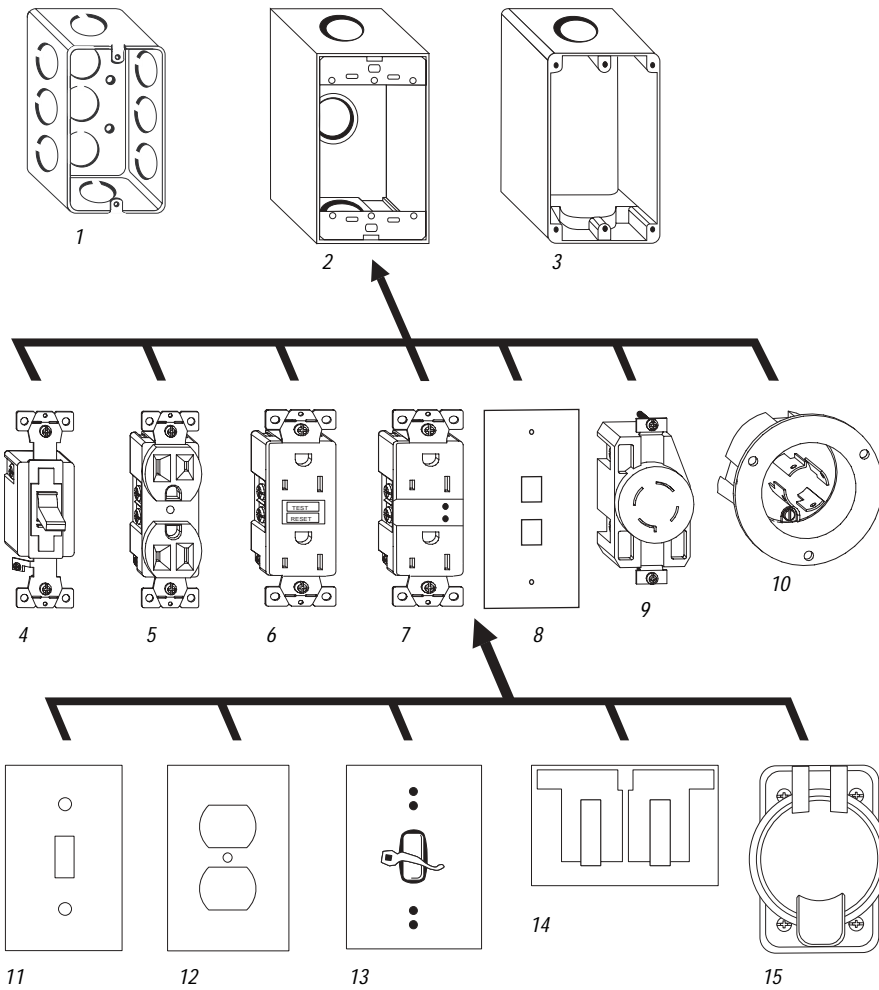
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www.chscontrols.se
Always available - Always open!

Cooper Wiring Devices

Wiring Devices according to NEMA/CSA

We offer a complete line of wiring devices according to North American Standard from Cooper Wiring Devices.

The product line consists of receptacles, inlets, plugs, connectors and corresponding device boxes and covers. The pin configuration meets the configurations specified by ANSI/NEMA and CSA. The majority of the products is UL and CSA approved and meet Federal Specification WC596-F.



Device Boxes

1. Device box with knockouts
2. Splashproof device box, made of aluminium
3. Splashproof device box, made of fiberglass

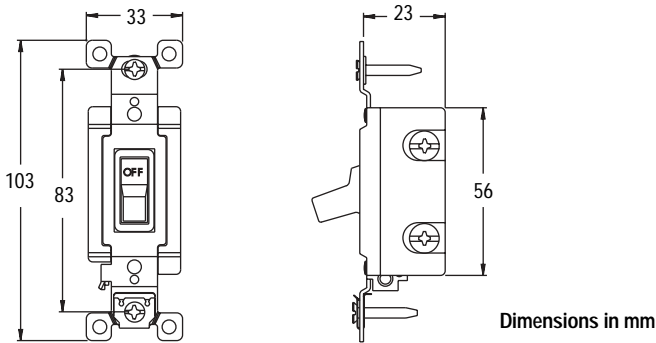
Switches, receptacles, Inlets

4. Switches
5. Single phase double receptacle
6. Single phase double receptacle with eart fault protection
7. Single phase double receptacle with surge protection
8. Modular jacks
9. Three phase single receptacle
10. Single phase and three phase inlets

Cover Plates

11. Cover plate for switches
12. Cover plate for double receptacle
13. Splashproof cover plate for switches
14. Splashproof cover plate for double receptacle
15. Splashproof cover plate for single receptacle and inlet

Switches see notes 1, 2



Technical Data

Temperature range	-20 - +60°C
Wire range	AWG14 -10
Weight	55 g
Approvals	UL, CSA

Type	Rated voltage, V	Current A	Catalogue numbers		
			Single pole	Double pole	Three way
Commercial Grade	120-277	15	IUS15SP	IUS15DP	IUS153W
Commercial Grade	120-277	20	IUS20SP	IUS20DP	IUS203W
Specifiers Grade	120-277	15	IUS15SPSG	IUS15DPSG	IUS153WSG
Specifiers Grade	120-277	20	IUS20SPSG	IUS20DPSG	IUS203WSG
3 position momentary <small>see note 2</small>	125-250	10/5	IUS10SPM	IUS10DPM	

Notes

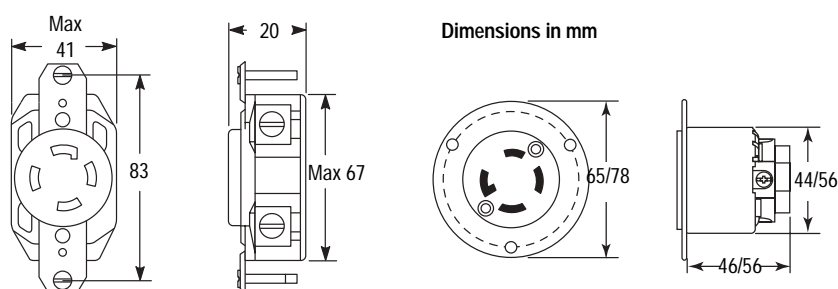
- 1 Switches and receptacles are brown. For white units, add **W** last in the catalogue number. Example: IU2515R will be IU2515RW
- 2 Momentary, spring return to centre position - off position
- 3 The designation refers to receptacle, see page 8 for configurations

Cooper Wiring Devices

Wiring Devices according to NEMA/CSA

Type	Rated Voltage, V	Current A	Designation to NEMA/CSA	Catalogue numbers Single receptacle	Plug
2 pole + neutral + earth	125-250	30	14-30R	IU1430R	IU1430P
2 pole + neutral + earth	125-250	50	14-50R	IU1450R	IU1450P
2 pole + neutral + earth	125-250	60	14-60R	IU1460R	IU1460P
3 pole + earth	250	30	15-30R	IU1530R	IU1530P
3 pole + earth	250	50	15-50R	IU1550R	IU1550P
3 pole + earth	250	60	15-60R	IU1560R	IU1560P

Single Phase and Three Phase Locking Device, 15 - 30 A see notes 3, 6, 8, 12, 13



Technical Data

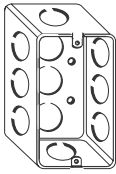
Temperature range	
Wire range, 15 A	AWG 14-10
Wire range, 20-30 A	AWG 14-8
Weight, receptacle	130
Weight, inlet	100
Approvals	UL, CSA

Type	Rated voltage, V	Current A	Designation to NEMA/CSA	Catalogue numbers Receptacle	Inlet, flange	Plug	Connector
2 pole + earth	125	15	L5-15R	IUL515R	IUL515I	IUL515P	IUL515C
2 pole + earth	125	20	L5-20R	IUL520R	IUL520I	IUL520P	IUL520C
2 pole + earth	125	30	L5-30R	IUL530R	IUL530I	IUL530P	IUL530C
2 pole + earth	250	15	L6-15R	IUL615R	IUL615I	IUL615P	IUL615C
2 pole + earth	250	20	L6-20R	IUL620R	IUL620I	IUL620P	IUL620C
2 pole + earth	250	30	L6-30R	IUL630R	IUL630I	IUL630P	IUL630C
2 pole + earth	277	15	L7-15R	IUL715R	IUL715I	IUL715P	IUL715C
2 pole + earth	277	20	L7-20R	IUL720R	IUL720I	IUL720P	IUL720C
2 pole + earth	277	30	L7-30R	IUL730R	IUL730I	IUL730P	IUL730C
2 pole + neutral + earth	125-250	20	L14-20R	IUL1420R	IUL1420I	IUL1420P	IUL1420C
2 pole + neutral + earth	125-250	30	L14-30R	IUL1430R	IUL1430I	IUL1430P	IUL1430C
3 pole + earth	250	20	L15-20R	IUL1520R	IUL1520I	IUL1520P	IUL1520C
3 pole + earth	250	30	L15-30R	IUL1530R	IUL1530I	IUL1530P	IUL1530C
3 pole + earth	480	20	L16-20R	IUL1620R	IUL1620I	IUL1620P	IUL1620C
3 pole + earth	480	30	L16-30R	IUL1630R	IUL1630I	IUL1630P	IUL1630C
3 pole + earth	600	30	L17-30R	IUL1730R	IUL1730I	IUL1730P	IUL1730C
3 pole + neutral + earth	120/208	20	L21-20R	IUL2120R	IUL2120I	IUL2120P	IUL2120C
3 pole + neutral + earth	120/208	30	L21-30R	IUL2130R	IUL2130I	IUL2130P	IUL2130C
3 pole + neutral + earth	277/480	20	L22-20R	IUL2220R	IUL2220I	IUL2220P	IUL2220C
3 pole + neutral + earth	277/480	30	L22-30R	IUL2230R	IUL2230I	IUL2230P	IUL2230C
3 pole + neutral + earth	347/600	20	L23-20R	IUL2320R	IUL2320I	IUL2320P	IUL2320C
3 pole + neutral + earth	347/600	30	L23-30R	IUL2330R	IUL2330I	IUL2330P	IUL2330C

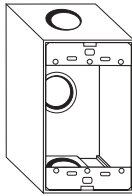
Notes

- 6 Contact CHS Controls for weights and dimensions for plugs and connectors
- 8 Plugs and connectors for outdoor use, ingress protection NEMA 3R/4X/6, IP 66, add **WP** at the end of the catalogue number. Example: IU515P will be IU515PWP
- 11 The receptacle is blue, blue plastic cover plate included. For white receptacle, add **W** at the end of the catalogue number. Example: IU2515RM will be IU2515RMW
- 12 Contact CHS Controls for other voltages and currents
- 13 Receptacles can also be supplied with flange, same dimensions as for inlet. For receptacle with flange, add **F** at the end of the catalogue number. Example: IUL1420R will be IUL1420RF
- 14 Dimensions for inlet, first dimension applies for 15 A devices, second for 20-30 A devices

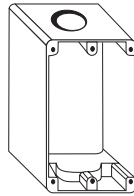
Outlet Boxes see notes 15, 16, 17, 18, 19



IUTP594



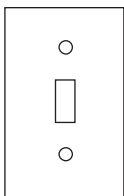
IUTP7014



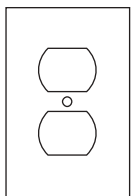
IU6080

Description	Catalogue number	Dimensions, mm			Weight g
		Height	Width	Depth	
Steel box with 1/2" knockouts, UL approved	IUTP594	101	55	47	220
Splashproof box, aluminium, 1/2" NPT thread, c-UL approved	IUTP7014	116	71	51	240
Splashproof box, black fiberglass, 3/4" NPT thread, UL approved	IU6080	116	71	64	275

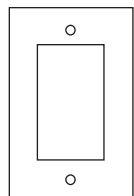
Standard Cover Plates



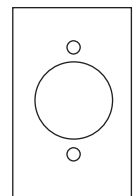
For switch



For double receptacle



For double receptacle,
earth fault/surge protection



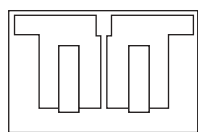
For single receptacle

For device, UL and CSA approved	Catalogue numbers		Dimensions, mm		Weight g
	Plastic Brown	Stainless steel unpainted	Height	Width	
Blank cover	IUWP1G	IUWP1GSS	114	70	46
Switch	IUWP1GSW	IUWP1GSWSS	114	70	46
Double receptacle	IUWP1G2R	IUWP1G2RSS	114	70	46
Double receptacle with earth fault protection	IUWP1GGF	IUWP1GGFSS	114	70	46
Double receptacle with surge protection	IUWP1GGF	IUWP1GGFSS	114	70	46
Three phase receptacle, straight blade device		IUWP1GTSBDSS	114	70	46
Receptacle, locking device, 15 A	IUWP1G15LT	IUWP1G15LTPSS	114	70	46
Receptacle, locking device, 20-30 A	IUWP1G30LT	IUWP1G30LTPSS	114	70	46

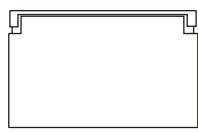
Notes

- 15 Splashproof boxes and covers meet NEMA 3R, IP54
- 16 Use IUTP6080 for three phase receptacles, straight blade type
- 17 Contact CHS Controls for cable connectors, flexible conduit connectors and hubs with NPT thread
- 18 IUTP7010 has 3 conduit entries, 2 plugs are included. Contact CHS Controls for outlet boxes with alternative conduit entries
- 19 IU6080 has 2 conduit entries, sealed when supplied
- 20 Splashproof covers are to be used with splashproof boxes. They can also be used with box type IUTP594 (eg for installation in walls) by using adaptor plate IU7349, to be ordered separately
- 21 Contact CHS Controls for cover plates made of aluminium
- 22 Meets National Electrical Code 2002 article 406-8 (b), for receptacles installed outdoors both receptacle and plug shall be protected
- 23 Depth is only valid for in-use cover plates, In-use cover plates weight ca 300 g
- 24 Splashproof cover plates for double receptacle and receptacle with earth fault/surge protection for vertical installation, add **V** last in the catalogue number.
Example: IUWC1G2R will be IUWC1G2RV
- 25 Covers to be used with box IUTP7010
- 26 The switch operator can be padlocked, comply with OSHA lockout/tagout requirements
- 27 The enclosure is equipped with 3/4" conduit entry.

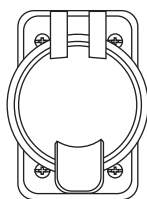
Splashproof Cover Plates see notes 15, 20, 21, 22, 23, 24



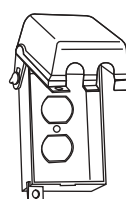
For double receptacle horizontal installation



for double receptacle earth fault/surge protection horizontal installation



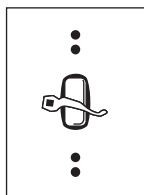
For single receptacle, inlet



For double receptacle, with in-use cover

For device, UL/CSA alt. c-UL approved	Catalogue number		Inlet Plastic	Dimensions, mm			Weight g
	Standard type	With In-use cover		Height	Width	Depth	
Blank cover, die cast	IUWC2G			72	116		150
Double receptacle, die-cast	IUWC1G2R	IUWC1GIUC		72	116	75	160
Double receptacle, earth fault protection, die-cast	IUWC1GGF	IUWC1GIUC		72	116	75	225
Double receptacle, earth fault protection, die-cast	IUWC1GGF	IUWC1GIUC		72	116	75	225
Single phase inlet, straight blade device			IUWC1G15	116	72		150
Three phase receptacle, straight blade device, Al	IUWC1GTSBD			116	72		225
Receptacle/inlet, locking device, 15 A, die cast	IUWC1G30LT		IUWC1G15	116	72		150
Receptacle/inlet, locking device, 20-30 A, die-cast	IUWC1G30LT		IUWC1G130	116	72		150

Splashproof Cover Plates for Switches sees note 15, 25

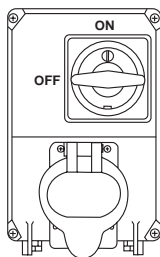


Technical Data, Switch

Temperature range	-20 - +60°C
Wire range	AWG 14
Approvals	UL/CSA alt c-UL

Description	Catalogue numbers		Dimensions, mm		Weight g
	Steel	Aluminium	Height	Width	
Only cover plate, switch ordered separately	IUWC1GS		116	72	126
Cover plate with single pole switch, 125 V, 10 A	IUWC1G10SP	IUWC1G10SPA	116	72	130
Cover plate with double pole switch, 125 V, 10 A		IUWC1G10DPA	116	72	130
Cover plate with 3-way switch, 125 V 10 A	IUWC1G103W	IUWC1G103WA	116	72	130

Enclosed Disconnect Switch with Receptacle, Locking Device see note 26, 27



Technical Data








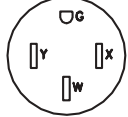
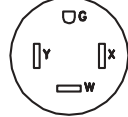
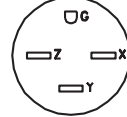
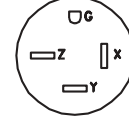
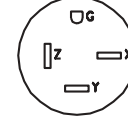











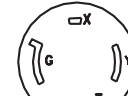









Temperature range	-40 - +70°C
Enclosure material	Polycarbonate
Rated voltage/current, switch	600 V/30 A
Ingress protection	NEMA3R/12, IP 54
Approval	UL, CSA

Description	Catalogue number	Dimensions, mm			Weight kg
		Height	Width	Depth	
Encl. disconnect switch, receptacle with flange ordered separately	IUSE6000	245	160	161	6
Auxiliary contact, NO-NC	IUAH20AUX				

Cooper Wiring Devices

Uttag och anslutningsdon enligt NEMA/CSA

Device Designations according to ANSI/NEMA - CSA, Receptacle

5-15R 125V, 15A 	5-20R 125V, 20A 	5-20R, CSA 125V, 20A 	6-15R 250V, 15A 	6-20R 250V, 20A 	6-20R, CSA 250V, 20A 
14-30R 125-250V, 30A 	14-50R 125-250V, 50A 	14-60R 125-250V, 60A 	15-30R 250V, 30A 	15-50R 250V, 50A 	15-60R 250V, 60A 
L5-15R 125V, 15A 	L5-20R 125V, 20A 	L5-30R 125V, 30A 	L6-15R 250V, 15A 	L6-20R 250V, 20A 	L6-30R 250V, 30A 
L7-15R 277V, 15A 	L7-20R 277V, 20A 	L7-30R 277V, 30A 	L14-20R 125-250V, 20A 	L14-30R 125-250V, 30A 	L15-20R 250V, 20A 
L15-30R 250V, 30A 	L16-20R 480V, 20A 	L16-30R 480V, 30A 	L17-30R 600V, 30A 	L21-20R 120/208V, 20A 	L21-30R 120/208V, 30A 
L22-20R 277/480V, 20A 	L22-30R 277/480, 30A 	L23-20R 347/600, 20A 	L23-30R 347/600V, 30A 