



I

Plugs & Sockets

Interactive Catalogue



Plugs & Sockets



Industrial plugs
& Sockets

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Industrial plugs & sockets



Optima series: 16A - 32A - 63A - 125A

- Insulation voltage: 690 VAC
- Standards: IEC 60309-2
- Material: Thermoplastic (**halogen free**)
- Impact resistance: IK08 (1.7kg with a striking energy of 2J)
- Operating temperature: -25...+40°C (max operating temperature +60°C)
- Cable inlet: External cable stay with tulip clamping IP67 gland

Voltage Coding

100 to 130V*
200 to 250V
380 to 480V
480 to 525V

* On request



213.163...



218.163...



218.1636...



313.324...



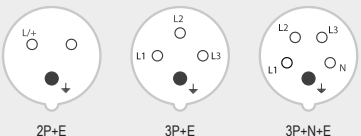
318.324...

type	rated current	(h) pos.	pin configuration	IP protection 44/54 66/7/9	description	cable outlet	price
Male plugs (straight cable exit) 16 - 125A							
213.1633	16A	6h	2P+E (3pin)	•	male ind. plug	straight	79.80
213.1636	16A	6h	3P+E (4pin)	•	male ind. plug	straight	106.05
213.1637	16A	6h	3P+N+E (5pin)	•	male ind. plug	straight	132.30
213.3233	32A	6h	2P+E (3pin)	•	male ind. plug	straight	151.20
213.3236	32A	6h	3P+E (4pin)	•	male ind. plug	straight	179.55
213.3237	32A	6h	3P+N+E (5pin)	•	male ind. plug	straight	189.00
213.6333	63A	6h	2P+E (3pin)	•	male ind. plug	straight	806.40
213.6336	63A	6h	3P+E (4pin)	•	male ind. plug	straight	682.50
213.6337	63A	6h	3P+N+E (5pin)	•	male ind. plug	straight	718.20
218.1633	16A	6h	2P+E (3pin)	•	male ind. plug	straight	176.40
218.1636	16A	6h	3P+E (4pin)	•	male ind. plug	straight	206.85
218.16366	16A	7h	3P+E (4pin)	•	male ind. plug	straight	280.35
218.1637	16A	6h	3P+N+E (5pin)	•	male ind. plug	straight	234.15
218.16376	16A	7h	3P+N+E (5pin)	•	male ind. plug	straight	333.90
218.3233	32A	6h	2P+E (3pin)	•	male ind. plug	straight	285.60
218.3236	32A	6h	3P+E (4pin)	•	male ind. plug	straight	291.90
218.32364*	32A	3h	3P+E (4pin)	•	male ind. plug	straight	291.90
218.32366	32A	7h	3P+E (4pin)	•	male ind. plug	straight	364.35
218.3237	32A	6h	3P+N+E (5pin)	•	male ind. plug	straight	324.45
218.32376	32A	7h	3P+N+E (5pin)	•	male ind. plug	straight	405.30
218.6333	63A	6h	2P+E (3pin)	•	male ind. plug	straight	896.70
218.6336	63A	6h	3P+E (4pin)	•	male ind. plug	straight	748.65
218.63366	63A	7h	3P+E (4pin)	•	male ind. plug	straight	1 165.50
218.6337	63A	6h	3P+N+E (5pin)	•	male ind. plug	straight	783.30
218.63376	63A	7h	3P+N+E (5pin)	•	male ind. plug	straight	1 239.00
218.12533	125A	6h	2P+E (3pin)	•	male ind. plug	straight	2 142.00
218.12536	125A	6h	3P+E (4pin)	•	male ind. plug	straight	1 858.50
218.125366	125A	7h	3P+E (4pin)	•	male ind. plug	straight	2 782.50
218.12537	125A	6h	3P+N+E (5pin)	•	male ind. plug	straight	1 984.50
218.125376	125A	7h	3P+N+E (5pin)	•	male ind. plug	straight	2 961.00
Connectors/couplers (female in-line socket)							
313.1643	16A	6h	2P+E (3pin)	•	female connector	straight	140.70
313.1646	16A	6h	3P+E (4pin)	•	female connector	straight	148.05
313.1647	16A	6h	3P+N+E (5pin)	•	female connector	straight	181.65
313.3243	32A	6h	2P+E (3pin)	•	female connector	straight	172.20
313.3246	32A	6h	3P+E (4pin)	•	female connector	straight	210.00
313.3247	32A	6h	3P+N+E (5pin)	•	female connector	straight	232.05
313.6343	63A	6h	2P+E (3pin)	•	female connector	straight	926.10
313.6346	63A	6h	3P+E (4pin)	•	female connector	straight	825.30
313.6347	63A	6h	3P+N+E (5pin)	•	female connector	straight	846.30
318.1643	16A	6h	2P+E (3pin)	•	female connector	straight	247.80
318.1646	16A	6h	3P+E (4pin)	•	female connector	straight	274.05
318.16466	16A	7h	3P+E (4pin)	•	female connector	straight	357.00
318.1647	16A	6h	3P+N+E (5pin)	•	female connector	straight	300.30
318.16476	16A	7h	3P+N+E (5pin)	•	female connector	straight	411.60
318.3243	32A	6h	2P+E (3pin)	•	female connector	straight	344.40
318.3246	32A	6h	3P+E (4pin)	•	female connector	straight	339.15
318.32464*	32A	3h	3P+E (4pin)	•	female connector	straight	357.00
318.32466	32A	7h	3P+E (4pin)	•	female connector	straight	446.25
318.3247	32A	6h	3P+N+E (5pin)	•	female connector	straight	370.65
318.32476	32A	7h	3P+N+E (5pin)	•	female connector	straight	510.30
318.6343	63A	6h	2P+E (3pin)	•	female connector	straight	1 027.95
318.6346	63A	6h	3P+E (4pin)	•	female connector	straight	906.15
318.63466	63A	7h	3P+E (4pin)	•	female connector	straight	1 302.00
318.6347	63A	6h	3P+N+E (5pin)	•	female connector	straight	925.05
318.63476	63A	7h	3P+N+E (5pin)	•	female connector	straight	1 396.50

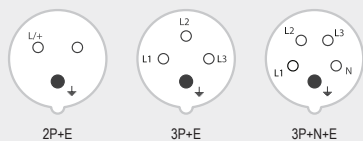
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* Refrigerated container (Reefer plugs)

Industrial plugs & sockets

	type	rated current	(h) pos.	pin configuration	IP protection 44/54	66/7/9	description	flange size	price
	continued... Connectors/couplers (female in-line socket)								
	318.12543	125A	6h	2P+E (3pin)		•	female connector	straight	2 562.00
	318.12546	125A	6h	3P+E (4pin)		•	female connector	straight	2 572.50
	318.125466	125A	7h	3P+E (4pin)		•	female connector	straight	3 664.50
	318.12547	125A	6h	3P+N+E (5pin)		•	female connector	straight	2 751.00
	318.125476	125A	7h	3P+N+E (5pin)		•	female connector	straight	3 990.00
 243.639...	Optima series - Appliance inlets (male pins - accept female connector)								
	Flush mount appliance inlet (straight inlet)								
	243.1693	16A	6h	2P+E (3pin)	•		flush mnt appliance inlet	75 x 75	185.85
	243.1696	16A	6h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	208.95
	243.1697	16A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	270.90
 248.329...	243.3293	32A	6h	2P+E (3pin)	•		flush mnt appliance inlet	75 x 75	302.40
	243.3296	32A	6h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	322.35
	243.3297	32A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	330.75
	243.6393	63A	6h	2P+E (3pin)	•		flush mnt appliance inlet	100 x 110	903.00
	243.6396	63A	6h	3P+E (4pin)	•		flush mnt appliance inlet	100 x 110	964.95
 240.1693...T	243.6397	63A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	100 x 110	1 023.75
	248.1693	16A	6h	2P+E (3pin)	•		flush mnt appliance inlet	75 x 75	263.55
	248.1696	16A	6h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	278.25
	248.16966	16A	7h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	351.75
	248.1697	16A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	351.75
 570.90164	248.16976	16A	7h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	437.85
	248.3293	32A	6h	2P+E (3pin)	•		flush mnt appliance inlet	75 x 75	370.65
	248.3296	32A	6h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	393.75
	248.32966	32A	7h	3P+E (4pin)	•		flush mnt appliance inlet	75 x 75	492.45
	248.3297	32A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	431.55
	248.32976	32A	7h	3P+N+E (5pin)	•		flush mnt appliance inlet	75 x 75	541.80
	248.6393	63A	6h	2P+E (3pin)	•		flush mnt appliance inlet	100 x 110	592.20
	248.6396	63A	6h	3P+E (4pin)	•		flush mnt appliance inlet	100 x 110	633.15
	248.63966	63A	7h	3P+E (4pin)	•		flush mnt appliance inlet	100 x 110	1 302.00
	248.6397	63A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	100 x 110	663.60
	248.63976	63A	7h	3P+N+E (5pin)	•		flush mnt appliance inlet	100 x 110	1 386.00
	248.12593	125A	6h	2P+E (3pin)	•		flush mnt appliance inlet	114 x 114	1 155.00
	248.12596	125A	6h	3P+E (4pin)	•		flush mnt appliance inlet	114 x 114	1 249.50
	248.125966	125A	7h	3P+E (4pin)	•		flush mnt appliance inlet	114 x 114	2 226.00
	248.12597	125A	6h	3P+N+E (5pin)	•		flush mnt appliance inlet	114 x 114	1 375.50
	248.125976	125A	7h	3P+N+E (5pin)	•		flush mnt appliance inlet	114 x 114	2 562.00
	Surface mount appliance inlet (angled inlet) cable entry								
	240.1693	16A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M25	276.15
	240.1696	16A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M25	303.45
	240.1697	16A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M25	373.80
	240.3293	32A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M32	409.50
	240.3296	32A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M32	432.60
	240.3297	32A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M32	441.00
	240.6393T	63A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M40	1 207.50
	240.6396T	63A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M40	1 323.00
	240.6397T	63A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M40	1 417.50
	245.1693	16A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M25	339.15
	245.1696	16A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M25	354.90
	245.1697	16A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M25	431.55
	245.3293	32A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M32	450.45
	245.3296	32A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M32	475.65
	245.3297	32A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M32	515.55
	245.6393T	63A	6h	2P+E (3pin)	•		surf mnt appliance inlet	M40	1 165.50
	245.6396T	63A	6h	3P+E (4pin)	•		surf mnt appliance inlet	M40	1 281.00
	245.6397T	63A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M40	1 375.50
	245.12597T	125A	6h	3P+N+E (5pin)	•		surf mnt appliance inlet	M63	3 255.00
	Protection caps for plugs and appliance inlets IP66 / IP67 / IP69								
	570.90163	16A	—	2P+E	•		covers for plugs and inlets		54.60
	570.90164	16A	—	3P+E	•		covers for plugs and inlets		59.85
	570.90165	16A	—	3P+N+E	•		covers for plugs and inlets		66.15
	570.90324	32A	—	2/3P+E	•		covers for plugs and inlets		73.50
	570.90325	32A	—	3P+N+E	•		covers for plugs and inlets		78.75
	570.9063	63A	—	all configurations	•		covers for plugs and inlets		48.30
	570.9125	125A	—	all configurations	•		covers for plugs and inlets		118.65

Industrial plugs & sockets



413.166...



418.636...



570.M0125



423.166...



428.166...

Optima series: Panel mount sockets 16A - 32A - 63A - 125A

- Insulation voltage: 690 VAC
- Operating temperature: -25...+40°C (max operating temperature +60°C)
- Material: Thermoplastic (**halogen free**) / Impact resistance IK08

type	rated current	(h) pos.	pin configuration	IP protection 44/54	67/8/9	description	flange size	price
Flush mount angled socket outlet (18°)				16A - 125A		Standards: IEC 60309-2		
413.1663	16A	6h	2P+E (3pin)	•		angled socket	70 x 87	132.30
413.1666	16A	6h	3P+E (4pin)	•		angled socket	70 x 87	140.70
413.1667	16A	6h	3P+N+E (5pin)	•		angled socket	70 x 87	154.35
413.3263	32A	6h	2P+E (3pin)	•		angled socket	84 x 106	176.40
413.3266	32A	6h	3P+E (4pin)	•		angled socket	84 x 106	184.80
413.3267	32A	6h	3P+N+E (5pin)	•		angled socket	84 x 106	194.25
413.6363	63A	6h	2P+E (3pin)	•		angled socket	100 x 110	851.55
413.6366	63A	6h	3P+E (4pin)	•		angled socket	100 x 110	877.80
413.6367	63A	6h	3P+N+E (5pin)	•		angled socket	100 x 110	951.30
418.1663	16A	6h	2P+E (3pin)	•		angled socket	70 x 87	202.65
418.1666	16A	6h	3P+E (4pin)	•		angled socket	70 x 87	220.50
418.16666	16A	7h	3P+E (4pin)	•		angled socket	70 x 87	373.80
418.1667	16A	6h	3P+N+E (5pin)	•		angled socket	70 x 87	250.95
418.16676	16A	7h	3P+N+E (5pin)	•		angled socket	70 x 87	456.75
418.3263	32A	6h	2P+E (3pin)	•		angled socket	84 x 106	317.10
418.3266	32A	6h	3P+E (4pin)	•		angled socket	84 x 106	322.35
418.32664*	32A	3h	3P+E (4pin)	•		angled socket	84 x 106	422.10
418.32666	32A	7h	3P+E (4pin)	•		angled socket	84 x 106	526.05
418.3267	32A	6h	3P+N+E (5pin)	•		angled socket	84 x 106	370.65
418.32676	32A	7h	3P+N+E (5pin)	•		angled socket	84 x 106	575.40
418.6363	63A	6h	2P+E (3pin)	•		angled socket	100 x 110	918.75
418.6366	63A	6h	3P+E (4pin)	•		angled socket	100 x 110	947.10
418.63666	63A	7h	3P+E (4pin)	•		angled socket	100 x 110	1 186.50
418.6367	63A	6h	3P+N+E (5pin)	•		angled socket	100 x 110	1 011.15
418.63676	63A	7h	3P+N+E (5pin)	•		angled socket	100 x 110	1 291.50
418.12563	125A	6h	2P+E (3pin)	•		angled socket	114 x 114	2 593.50
418.12566	125A	6h	3P+E (4pin)	•		angled socket	114 x 114	2 194.50
418.125666	125A	7h	3P+E (4pin)	•		angled socket	114 x 114	3 244.50
418.12567	125A	6h	3P+N+E (5pin)	•		angled socket	114 x 114	2 247.00
418.125676	125A	7h	3P+N+E (5pin)	•		angled socket	114 x 114	3 612.00

Micro-switch - for plug inserted indication of above angled outlet sockets only

654.0391	16/32A	1x NO	micro-switch for above angled sockets	—	160.65
654.0392	16/32A	1x NC	micro-switch for above angled sockets	—	160.65
654.0393	63/125A	1x NO	micro-switch for above angled sockets	—	233.10
654.0394	63/125A	1x NC	micro-switch for above angled sockets	—	233.10

Housings to surface mount (above) angled sockets

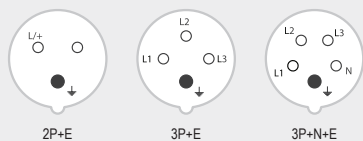
570.0116	16A	angled housing	•	for p/mnt sockets	70 x 87	112.35
570.0016	16A	straight housing	•	for p/mnt sockets	70 x 87	112.35
570.0132	32A	angled housing	•	for p/mnt sockets	84 x 106	154.35
570.0032	32A	straight housing	•	for p/mnt sockets	84 x 106	151.20
570.M0163	63A	angled housing	•	for p/mnt sockets	100 x 110	727.65
570.M0125	125A	angled housing	•	for p/mnt sockets	114 x 114	1 123.50

Flush mount straight socket outlet				16A - 125A		Standards: IEC 60309-2		
423.1663	16A	6h	2P+E (3pin)	•		straight socket	75 x 75	128.10
423.1663/R	16A	6h	2P+E (3pin)	•		straight socket	62 x 62	171.15
423.1666	16A	6h	3P+E (4pin)	•		straight socket	75 x 75	144.90
423.1666/R	16A	6h	3P+E (4pin)	•		straight socket	62 x 62	185.85
423.1667	16A	6h	3P+N+E (5pin)	•		straight socket	75 x 75	148.05
423.3263	32A	6h	2P+E (3pin)	•		straight socket	75 x 75	302.40
423.3266	32A	6h	3P+E (4pin)	•		straight socket	75 x 75	308.70
423.3267	32A	6h	3P+N+E (5pin)	•		straight socket	75 x 75	359.10
423.6363	63A	6h	2P+E (3pin)	•		straight socket	100 x 110	851.55
423.6366	63A	6h	3P+E (4pin)	•		straight socket	100 x 110	877.80
423.6367	63A	6h	3P+N+E (5pin)	•		straight socket	100 x 110	951.30
428.1663	16A	6h	2P+E (3pin)	•		straight socket	75 x 75	269.85
428.1666	16A	6h	3P+E (4pin)	•		straight socket	75 x 75	299.25
428.1667	16A	6h	3P+N+E (5pin)	•		straight socket	75 x 75	365.40
428.3263	32A	6h	2P+E (3pin)	•		straight socket	75 x 75	420.00
428.3266	32A	6h	3P+E (4pin)	•		straight socket	75 x 75	422.10
428.32664*	32A	3h	3P+E (4pin)	•		straight socket	75 x 75	422.10
428.3267	32A	6h	3P+N+E (5pin)	•		straight socket	75 x 75	459.90

Continued overleaf....

* Refrigerated container (Reefer plugs)

Industrial plugs & sockets



428.636...



513.325...



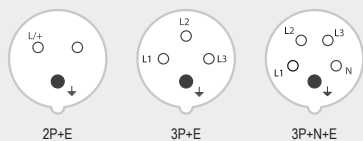
518.635...T



518.325...TS

type	rated current	(h) pos.	pin configuration	IP protection 44/54	67/8/9	description	flange size	price
continued... Flush mount socket outlet - straight								
428.6363	63A	6h	2P+E (3pin)		•	straight socket	100 x 110	918.75
428.6366	63A	6h	3P+E (4pin)		•	straight socket	100 x 110	947.10
428.6367	63A	6h	3P+N+E (5pin)		•	straight socket	100 x 110	966.00
428.12563	125A	6h	2P+E (3pin)		•	straight socket	114 x 114	2 593.50
428.12566	125A	6h	3P+E (4pin)		•	straight socket	114 x 114	2 593.50
428.12567	125A	6h	3P+N+E (5pin)		•	straight socket	114 x 114	2 887.50
OPTIMA series - Surface-mount socket outlets								
• Insulation voltage:		690 VAC						
• Operating temperature:		-25...+40°C (max operating temperature +60°C)						
• Material:		Thermoplastic (halogen free)						
• Impact resistance:		IK08 (1.7kg with a striking energy of 2J)						
type	rated current	(h) pos.	pin configuration	IP protection 44/54	67/8/9	description	cable entry	price
BASE version - IP44 compact, economical, slimline socket outlets (angled)								
513.1653	16A	6h	2P+E (3pin)	•		surface mnt socket	M20/25	195.30
513.1656	16A	6h	3P+E (4pin)	•		surface mnt socket	M20/25	229.95
513.1657	16A	6h	3P+N+E (5pin)	•		surface mnt socket	M20/25	235.20
513.3253	32A	6h	2P+E (3pin)	•		surface mnt socket	M32	298.20
513.3256	32A	6h	3P+E (4pin)	•		surface mnt socket	M32	302.40
513.3257	32A	6h	3P+N+E (5pin)	•		surface mnt socket	M32	369.60
TOP version - IP44 and IP67 (angled)								
• Compact, flexible, safe - removable socket section for ease of wiring								
• Reversible base (1 or 2 cable outlets top or bottom entry)								
513.1653T	16A	6h	2P+E (3pin)	•		surface mnt socket	M20/25	252.00
513.1656T	16A	6h	3P+E (4pin)	•		surface mnt socket	M20/25	298.20
513.1657T	16A	6h	3P+N+E (5pin)	•		surface mnt socket	M20/25	304.50
513.3253T	32A	6h	2P+E (3pin)	•		surface mnt socket	M32	385.35
513.3256T	32A	6h	3P+E (4pin)	•		surface mnt socket	M32	392.70
513.3257T	32A	6h	3P+N+E (5pin)	•		surface mnt socket	M32	478.80
513.6353T	63A	6h	2P+E (3pin)	•		surface mnt socket	M40	1 386.00
513.6356T	63A	6h	3P+E (4pin)	•		surface mnt socket	M40	1 407.00
513.6357T	63A	6h	3P+E (4pin)	•		surface mnt socket	M40	1 459.50
518.1653T	16A	6h	2P+E (3pin)	•	•	surface mnt socket	M20/25	446.25
518.1656T	16A	6h	3P+E (4pin)	•	•	surface mnt socket	M20/25	478.80
518.1657T	16A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M20/25	557.55
518.3253T	32A	6h	2P+E (3pin)	•	•	surface mnt socket	M32	676.20
518.3256T	32A	6h	3P+E (4pin)	•	•	surface mnt socket	M32	664.65
518.32564T*	32A	3h	3P+E (4pin)	•	•	surface mnt socket	M32	664.65
518.3257T	32A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M32	717.15
518.6353T	63A	6h	2P+E (3pin)	•	•	surface mnt socket	M40	1 491.00
518.6356T	63A	6h	3P+E (4pin)	•	•	surface mnt socket	M40	1 512.00
518.6357T	63A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M40	1 575.00
518.12553T	125A	6h	2P+E (3pin)	•	•	surface mnt socket	M63	3 066.00
518.12556T	125A	6h	3P+E (4pin)	•	•	surface mnt socket	M63	3 318.00
518.12557T	125A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M63	3 475.50
Surface mount switch sockets (not mechanical interlocked)								
513.1653TS	16A	6h	2P+E (3pin)	•		surface mnt socket	M25	558.60
513.1656TS	16A	6h	3P+E (4pin)	•		surface mnt socket	M25	589.05
513.1657TS	16A	6h	3P+N+E (5pin)	•		surface mnt socket	M25	606.90
513.3253TS	32A	6h	2P+E (3pin)	•		surface mnt socket	M32	748.65
513.3256TS	32A	6h	3P+E (4pin)	•		surface mnt socket	M32	781.20
513.3257TS	32A	6h	3P+N+E (5pin)	•		surface mnt socket	M32	815.85
518.1653TS	16A	6h	2P+E (3pin)	•	•	surface mnt socket	M25	748.65
518.1656TS	16A	6h	3P+E (4pin)	•	•	surface mnt socket	M25	781.20
518.1657TS	16A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M25	815.85
518.3253TS	32A	6h	2P+E (3pin)	•	•	surface mnt socket	M32	837.90
518.3256TS	32A	6h	3P+E (4pin)	•	•	surface mnt socket	M32	871.50
518.3257TS	32A	6h	3P+N+E (5pin)	•	•	surface mnt socket	M32	906.15
* Refrigerated container (Reefer plugs)								

Industrial plugs & sockets



Eureka series 16A/32A - 90° inlets

- Insulation voltage: 690 VAC
- Protection degree: IP44 and IP67
- Operating temperature: -25...+40°C (max operating temperature +60°C)
- Material: Thermoplastic
- Impact resistance: IK07 (0.5kg with a striking energy of 2J)
- Standards: IEC 6039-1 / EN 60309-3

type	rated current	(h) pos.	pin configuration	IP protection 44/54 66/7/9	description	flange size	price
Male plugs (90° cable inlet) 16A - 32A							
221.1633	16A	6h	2P+E (3pin)	•	90° ind male plug	sleeve	189.00
221.1636	16A	6h	3P+E (4pin)	•	90° ind male plug	sleeve	210.00
221.1637	16A	6h	3P+N+E (5pin)	•	90° ind male plug	sleeve	244.65
221.3233	32A	6h	2P+E (3pin)	•	90° ind male plug	sleeve	296.10
221.3236	32A	6h	3P+E (4pin)	•	90° ind male plug	sleeve	315.00
221.3237	32A	6h	3P+N+E (5pin)	•	90° ind male plug	sleeve	384.30
226.1633	16A	6h	2P+E (3pin)	•	90° ind male plug	gland	241.50
226.1636	16A	6h	3P+E (4pin)	•	90° ind male plug	gland	259.35
226.1637	16A	6h	3P+N+E (5pin)	•	90° ind male plug	gland	298.20
226.3233	32A	6h	2P+E (3pin)	•	90° ind male plug	gland	333.90
226.3236	32A	6h	P+E (4pin)	•	90° ind male plug	gland	349.65
226.3237	32A	6h	3P+N+E (5pin)	•	90° ind male plug	gland	428.40

Appliance inlets (90° inlet) 16A - 32A							
242.1693	16A	6h	2P+E (3pin)	•	90° appliance inlet	70 x 87	195.30
242.1696	16A	6h	3P+E (4pin)	•	90° appliance inlet	70 x 87	219.45
242.1697	16A	6h	3P+N+E (5pin)	•	90° appliance inlet	70 x 87	294.00
242.3293	32A	6h	2P+E (3pin)	•	90° appliance inlet	70 x 87	332.85
242.3296	32A	6h	3P+E (4pin)	•	90° appliance inlet	70 x 87	354.90
242.3297	32A	6h	3P+N+E (5pin)	•	90° appliance inlet	70 x 87	365.40
247.1693	16A	6h	2P+E (3pin)	•	90° appliance inlet	70 x 87	301.35
247.1696	16A	6h	3P+E (4pin)	•	90° appliance inlet	70 x 87	316.05
247.1697	16A	6h	3P+N+E (5pin)	•	90° appliance inlet	70 x 87	395.85
247.3293	32A	6h	2P+E (3pin)	•	90° appliance inlet	70 x 87	418.95
247.3296	32A	6h	3P+E (4pin)	•	90° appliance inlet	70 x 87	447.30
247.3297	32A	6h	3P+N+E (5pin)	•	90° appliance inlet	70 x 87	494.55

Sockets (90° outlet) 16A - 32A							
452.1663	16A	6h	2P+E (3pin)	•	90° female socket	70 x 87	242.55
452.1666	16A	6h	3P+E (4pin)	•	90° female socket	70 x 87	263.55
452.1667	16A	6h	3P+N+E (5pin)	•	90° female socket	70 x 87	365.40
452.3263	32A	6h	2P+E (3pin)	•	90° female socket	70 x 87	433.65
452.3266	32A	6h	3P+E (4pin)	•	90° female socket	70 x 87	444.15
452.3267	32A	6h	3P+N+E (5pin)	•	90° female socket	70 x 87	612.15
457.1663	16A	6h	2P+E (3pin)	•	90° female socket	70 x 87	402.15
457.1666	16A	6h	3P+E (4pin)	•	90° female socket	70 x 87	443.10
457.1667	16A	6h	3P+N+E (5pin)	•	90° female socket	70 x 87	548.10
457.3263	32A	6h	2P+E (3pin)	•	90° female socket	70 x 87	622.65
457.3266	32A	6h	3P+E (4pin)	•	90° female socket	70 x 87	625.80
457.3267	32A	6h	3P+N+E (5pin)	•	90° female socket	70 x 87	770.70

Container plugs and sockets 32A

Resistance is a fundamental requirement in a harsh and exhausting environment like a terminal container where sun, humidity, saltiness and temperature changes put a strain on any product.

Scame offers a full range of plugs and socket outlets in 3h configuration for the supply of refrigerated containers: OPTIMA series plugs and sockets, flush or surface mounting interlocked socket in OMNIA series, ADVANCE2 series of interlocked socket outlets in thermoplastic material to offer maximum resistance to shocks and atmospheric and chemical agents.

- Refrigeration container (Reefer plugs and sockets)
- Earth pin (3h) position
- IP rating: IP67

218.32364	32A	3h	3P+E (4pin)	•	container straight male plug		291.90
318.32464	32A	3h	3P+E (4pin)	•	container straight connector		357.00
428.32664	32A	3h	3P+E (4pin)	•	p/mnt straight socket	75 x 75	422.10
418.32664	32A	3h	3P+E (4pin)	•	p/mnt angled socket	84 x 106	422.10
518.32564T	32A	3h	3P+E (4pin)	•	TOP surface mnt socket outlet		664.65
505.32864	32A	3h	3P+E (4pin)	•	Omnia surf switch/socket outlet		1 627.50
561.32864	32A	3h	3P+E (4pin)	•	Advance surf switch/socket outlet		1 816.50

Industrial socket outlets



Industrial switched sockets (interlocked)

IEC 60309-1/-2

- Protection degree: IP44 and IP67 (non ageing elastomer seals)
- Operating temp: -25...+40°C (max operating temperature +60°C)
- Material: Thermoplastic (RAL 7035)
- Mechanical interlock: Only operates with plug inserted - cannot be removed with switch "ON"

type	rated current	(h) pos.	pin configuration	IP protection 44/54	67/8/9	description	price
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OMNIA series - Switched sockets

(I-O)

(interlocked)

- Surface mounting: (flush mountable with surface box removed)
- Impact resistance: IK08 (1.7kg with a striking energy of 2J)

OMNIA Series 16A - 32A

(H)125 x (W)136 x (D)85 mm

500.1683	16A	6h	2P+E (3pin)	•	•	surface switch socket outlet	920.85
500.1686	16A	6h	3P+E (4pin)	•	•	surface switch socket outlet	999.60
500.1687	16A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 092.00
500.3283	32A	6h	2P+E (3pin)	•	•	surface switch socket outlet	1 102.50
500.3286	32A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 207.50
500.3287	32A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 344.00
505.1683	16A	6h	2P+E (3pin)	•	•	surface switch socket outlet	1 165.50
505.1686	16A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 281.00
505.1687	16A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 375.50
505.3283	32A	6h	2P+E (3pin)	•	•	surface switch socket outlet	1 522.50
505.3286	32A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 627.50
505.32864*	32A	3h	3P+E (4pin)	•	•	surface switch socket outlet	1 627.50
505.3287	32A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 785.00

OMNIA Series 63A (rectangular shape)

(H)275 x (W)136 x (D)186 mm

505.6383	63A	6h	2P+E (3pin)	•	•	surface switch socket outlet	2 761.50
505.6386	63A	6h	3P+E (4pin)	•	•	surface switch socket outlet	2 992.50
505.6387	63A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	3 307.50

Accessories for above Omnia series switched sockets

572.0310	base	surface base housing for 125 x 136 mm 16/32A switch sockets	118.65
654.0120	blank	plain blank cover for above surface box 5720310	163.80
572.0120	6 way	6 module consumer insert and cover for box 5720310	573.30
409.0428	cover	IP56 Omnia cover accepts Evolution domestic sockets	1 375.50
572.0200	wall box	flush mounting wall box for Omnia 16/32A switch socket outlets	208.95
572.0220	frame	flush frame (IP55) for above flush mounting box 5720200	94.50

Advance 2 series - Industrial switch sockets

(I-O)

(interlocked)

- Impact resistance: IK07 (500g with a striking energy of 2J)

16A/32A - compact version

(H)240 x (W)106 x (D)129 mm

560.1683	16A	6h	2P+E (3pin)	•	•	surface switch socket outlet	786.45
560.1686	16A	6h	3P+E (4pin)	•	•	surface switch socket outlet	866.25
560.1687	16A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	852.60
560.3283	32A	6h	2P+E (3pin)	•	•	surface switch socket outlet	920.85
560.3286	32A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 005.90
560.3287	32A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	938.70
561.1683	16A	6h	2P+E (3pin)	•	•	surface switch socket outlet	1 281.00
561.1686	16A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 407.00
561.16866	16A	7h	3P+E (4pin)	•	•	surface switch socket outlet	1 753.50
561.1687	16A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 627.50
561.16876	16A	7h	3P+N+E (5pin)	•	•	surface switch socket outlet	2 026.50
561.3283	32A	6h	2P+E (3pin)	•	•	surface switch socket outlet	1 627.50
561.3286	32A	6h	3P+E (4pin)	•	•	surface switch socket outlet	1 816.50
561.32864*	32A	3h	3P+E (4pin)	•	•	surface switch socket outlet	1 816.50
561.32866	32A	7h	3P+E (4pin)	•	•	surface switch socket outlet	2 268.00
561.3287	32A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	1 995.00
561.32876	32A	7h	3P+N+E (5pin)	•	•	surface switch socket outlet	2 488.50

63A - large version

(H)390 x (W)136 x (D)166-207 mm

561.6383	63A	6h	2P+E (3pin)	•	•	surface switch socket outlet	3 706.50
561.6386	63A	6h	3P+E (4pin)	•	•	surface switch socket outlet	3 990.00
561.63866	63A	7h	3P+E (4pin)	•	•	surface switch socket outlet	4 998.00
561.6387	63A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	4 420.50
561.63876	63A	7h	3P+N+E (5pin)	•	•	surface switch socket outlet	5 523.00

125A - large version

(H)460 x (W)212 x (D)217 mm

548.12586	125A	6h	3P+E (4pin)	•	•	surface switch socket outlet	15 330.00
548.12587	125A	6h	3P+N+E (5pin)	•	•	surface switch socket outlet	16 905.00

* Refrigerated container (Reefer plugs)

Industrial socket outlets



568.168...



LED indication



503.638...



590.FEM6303

type	rated current	(h) pos.	pin configuration	IP protection	description	price
Advance2 - Switch socket outlet						
ADVANCE2 is a complete range of industrial interlocked sockets available from 16 up to 125A making it ideal for applications in purely industrial environments.						
- DIN rail facility for 6 x modular devices - MCB's, earth leakage, contactors - With interlocked switch and 6 way distribution board						
16/32A - switched socket						
(H)410 x (W)136 x (D)163 mm						
568.1683	16A	6h	2P+E (3pin)	•	surface switch socket outlet	2 068.50
568.1686	16A	6h	3P+E (4pin)	•	surface switch socket outlet	2 215.50
568.1687	16A	6h	3P+N+E (5pin)	•	surface switch socket outlet	2 331.00
(H)420 x (W)136 x (D)176 mm						
568.3283	32A	6h	2P+E (3pin)	•	surface switch socket outlet	2 551.50
568.3286	32A	6h	3P+E (4pin)	•	surface switch socket outlet	2 698.50
568.3287	32A	6h	3P+N+E (5pin)	•	surface switch socket outlet	2 929.50
63A - switched socket						
(H)438 x (W)136 x (D)182 mm						
568.6383	63A	6h	2P+E (3pin)	•	surface switch socket outlet	5 071.50
568.6386	63A	6h	3P+E (4pin)	•	surface switch socket outlet	5 460.00
568.6387	63A	6h	3P+N+E (5pin)	•	surface switch socket outlet	5 911.50
Advance-GRP "extra heavy duty" interlocked switch socket outlet 16 - 125A (O-II)						
Advance-GRP(Ex) series surface mounting interlocked socket outlets are designed to guarantee excellent mechanical resistance to impacts and chemical agents, even under extreme atmospheric and temperature conditions.						
- Material: Thermosetting (halogen free) RAL 7037 - Self-extinguishing: GW test: 960°C - UL94 V0 - Impact resistance: IK10 (5kg with a striking energy of 20J) - Ex classification: Atex code Ex II 2D - LED indication: Correct supply and all phases present						
16A/32A - extra heavy-duty						
(H)260 x (W)130 x (D)170-185 mm						
503.1683	16A	6h	2P+E (3pin)	•	heavy duty switch socket outlet	4 672.50
503.1686	16A	6h	3P+E (4pin)	•	heavy duty switch socket outlet	5 071.50
503.1687	16A	6h	3P+N+E (5pin)	•	heavy duty switch socket outlet	5 512.50
503.3283	32A	6h	2P+E (3pin)	•	heavy duty switch socket outlet	7 350.00
503.3286	32A	6h	3P+E (4pin)	•	heavy duty switch socket outlet	7 969.50
503.3287	32A	6h	3P+N+E (5pin)	•	heavy duty switch socket outlet	8 778.00
63A - extra heavy-duty						
(H)380 x (W)170 x (D)225 mm						
503.6386	63A	6h	3P+E (4pin)	•	heavy duty switch socket outlet	11 445.00
503.6387	63A	6h	3P+N+E (5pin)	•	heavy duty switch socket outlet	12 705.00
125A - extra heavy-duty						
(H)575 x (W)280 x (D)253 mm						
503.12586-01	125A	6h	3P+E (4pin)	•	heavy duty switch socket outlet	25 410.00
503.12587-01	125A	6h	3P+N+E (5pin)	•	heavy duty switch socket outlet	28 350.00
FR series - Enclosed switch disconnectors "Fire rated" IP65						
FR series is a range of fire rated switch disconnectors able to resist at a temperature of 400°C for a period of 120 minutes ensuring the operation of the smoke extraction systems as required by the EN 12101-3 Standard (2015).						
- Protection degree: IP65 - Operating ambient temp: -25...+ 60°C - Colour: RAL 3020 - Impact resistance: IK08 (20A...160A) - Material: Continuous-Casting- Aluminium Alloy - Locking mechanism: Padlockable handle in two positions (ON or OFF) - Conformity of standards: - BS EN 12101-3 (smoke and heat control system) - EN 60947-3 (Low voltage switchgear and controlgear) - EN 60529 (Degrees of protection provided by enclosure)						
General application:						
- Basement parking - Emergency evacuation exit						
type	AC-21A ≤ 690V	AC-23A ≤ 415V	poles	description	dimensions (mm) (H) (W) (D)	price
590.FEM2003	20A	9 kW	3	enclosed isolator switch	192 168 80	4 620.00
590.FEM3203	32A	15 kW	3	enclosed isolator switch	192 168 80	6 436.50
590.FEM6303	63A	35 kW	3	enclosed isolator switch	253 217 93	10 815.00
Larger sizes (up to 630A) available on request						

Surface-mount distribution boards



672.2012.1102



672.4032.1102



672.4316



672.1200



654.0420



654.0410

Domino series - Distribution boards

- Protection degree: IP66
- Max. operating temperature: 60°C
- Material: Thermoplastic (RAL 7035)
- Standards: EN 62208 / EN 60670-24 / EN 61439-3
- Impact resistance: IK07 (500g with a striking energy of 2J)

type	no. DIN modules	description	dimensions (mm)			price
			(H)	(W)	(D)	

Domino series - Distribution boards

- Reversible hinged door (*hinged from left or right side*)
- Adjustable DIN rail depth (*can accept rail mounted MCCBs*)
- Knock-outs on all sides (*can be coupled to other enclosures using coupler glands*)
- Facility to accept earth and neutral terminals

672.2002	2	IP66 consumer unit / distribution board	135	76	102	321.30
672.2004	4	IP66 consumer unit / distribution board	190	112	106	426.30
672.2008	8	IP66 consumer unit / distribution board	190	184	106	583.80
672.2012.1102	12 (1 x 12)	IP66 consumer unit / distribution board	250	256	140	878.85
672.4024.1102	24 (2 x 12)	IP66 consumer unit / distribution board	400	256	140	1 470.00
672.2016.1102	16 (1 x 16)	IP66 consumer unit / distribution board	250	328	140	1 228.50
672.4032.1102	32 (2 x 16)	IP66 consumer unit / distribution board	400	328	140	1 858.50
672.5048.1102	48 (3 x 16)	IP66 consumer unit / distribution board	550	328	140	2 341.50

.1102 (supplied with mounted earth and neutral terminals)

Boards with additional blank component section (for mounting non modular devices)

672.3100	12 (1 x 12)	with blank section (H) 150 x (D) 115 mm	400	256	140	1 092.00
672.4116	16 (1 x 16)	with blank section (H) 150 x (D) 115 mm	400	328	140	1 134.00
672.5116	16 (1 x 16)	with blank section (H) 300 x (D) 115 mm	550	328	140	1 575.00

Boards with section to accommodate industrial sockets

type	no. DIN modules	sockets No.	flange size (mm)	dimensions (mm)			price
				(H)	(W)	(D)	
672.2300	8 (1 x 8)	board + 2 x 16A sockets	70 x 87	340	184	106	1 249.50
672.3300*	12 (1 x 12)	board + 2 x 16A sockets	70 x 87	400	256	140	1 627.50
672.3302	12 (1 x 12)	board + 1 x 63A sockets	100 x 110	400	256	140	1 627.50
672.4316*	16 (1 x 16)	board + 3 x 16A sockets	70 x 87	400	328	140	2 152.50
672.5616*	16 (1 x 16)	board + 6 x 16A sockets	70 x 87	550	328	140	2 866.50

To accommodate Omnia interlocked switch sockets

672.3200	12 (1 x 12)	board + 1 x 16/32A sw/socket	136 x 125	400	256	140	1 627.50
672.4216	16 (1 x 16)	board + 2 x 16/32A sw/socket	136 x 125	400	328	140	2 215.50
672.5316	16 (1 x 16)	2 x 16/32A + 1 x 63A sw/socket	136 x 125	550	328	140	2 950.50
672.5416	16 (1 x 16)	board + 4 x 16/32A sw/socket	136 x 125	550	328	140	2 971.50

Empty enclosures for Domino series boards

type	for boards	description	flange	(H)	(W)	(D)	price
		• Enclosures can be attached to boards (<i>or one another</i>) using coupler glands (<i>below</i>)					
672.1101	12 way enclosure	with blank cover	—	150	256	115	434.70
672.1301*	12 way enclosure	2 x 16A sockets	70 x 87	150	256	115	463.05
* With suitable adaption, can accommodate 32A socket (84 x 106 mm flange)							
672.1100	16 way enclosure	with blank cover	—	150	328	115	573.30
672.1300*	16 way enclosure	3 x 16A sockets	70 x 87	150	328	115	573.30
672.1200	16 way enclosure	2 x 16/32A sw/socket	136 x 125	150	328	115	604.80

Accessories for Domino boards

654.0365	4 way	5 way insulated terminal block for boards	(IP20)	98.70
654.0363	8 way	10 way insulated terminal block for boards	(IP20)	106.05
654.0362	16 - 32	10 way insulated terminal block for boards	(IP20)	113.40
654.0360	12 - 48 way	additional 10 way insulated terminal block	(IP20)	89.25
654.0358	DIN rail mountable insulated terminal block	vertical	5 x 10 + 5 x 16 mm²	183.75
654.0359	DIN rail mountable insulated terminal block	horizontal	5 x 10 + 5 x 16 mm²	183.75
654.0400	4 module	blanking strip for boards	(sectionable ½ and 1 module)	18.27
654.0410	1 module	rail mount dummy module	(assists heat dissipation)	53.55
654.0420	½ module	rail mount dummy module	(assists heat dissipation)	54.60
654.0751	12 module	DIN rail kit		91.35

Coupler glands IP66 (to join two enclosures together)

805.3335	coupler gland PG21 for joining 12/24 way enclosures together	(ea)	23.94
805.3337	coupler gland PG36 for joining 16/32 way enclosures together	(ea)	58.80



MBOX series - Distribution assemblies (EN 60670-1 / EN 61439-3 / EN 61439-4)

MBOX panels are made of engineering resin with high mechanical sturdiness suitable for outdoor installations with high impact resistance and excellent dimensional stability at high temperatures.

Numerous combinations of sockets ensure reliability to meet common installation requirements for construction sites, equipped areas, camping sites, harbours and outdoor areas in general.

- Incorporated fold-out carrying handle
- Wall, trestle, turret or pole mountable (*with additional accessories*)
- Incorporated emergency disconnect pushbutton RAL 7035
- Incorporated distribution board to accommodate modular devices MCBs, earth leakages

type	no. DIN modules	mountable accessories to be ordered separately	dimensions (mm) (H) (W) (D)			price
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MBOX series - Distribution assemblies IP66

MBOX2 distribution assemblies (no front door)

- Supplied with 16 mm² 5-pole terminal box

656.0924-000	16 (2 x 8)	4 x16/32A	Omnia industrial switch sockets	365	332	290	11 130.00
656.0926-000	16 (2 x 8)	6 x16/32A	Optima industrial socket outlets	365	332	290	11 130.00

MBOX3 distribution assemblies (supplied with door for socket compartment)

- Supplied with door for socket compartment
- Incorporates extremely low consumption LED light connected to a daylight sensor (*for improved visibility at night or in areas with poor light*)

657.0936-000	39 (3 x 13)	6 x16/32A	Omnia industrial switch sockets	520	465	380	16 590.00
657.0938-000	39 (3 x 13)	9 x16/32A	Optima industrial socket outlets	520	465	380	16 590.00

MBOX5 distribution assemblies (supplied with door for socket compartment)

- Supplied with door for socket compartment
- Internal frame to accept 4 x Omnia switch sockets with facilities to mount an additional 8 surface
- Supplied with incoming terminal blocks (5 x 16 mm² + 5 x 35 mm²)
- Incorporates extremely low consumption LED light connected to a daylight sensor (*for improved visibility at night or in areas with poor light*)

658.0950-000	52 (4 x 13)	12 x16/32A	Omnia industrial switch sockets	670	775	400	23 520.00
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Accessories for MBOX distribution assemblies

			for enclosure	
654.0051	cable support kit (<i>to wind feeder cable on rear of enclosure</i>)		MBOX2	170.10
654.0024	wall	mounting bracket for enclosures	MBOX2/3/5	198.45
655.46090	pole	mounting bracket for enclosures	MBOX2	2 530.50
655.32090	pole	mounting bracket for enclosures	MBOX3/5	2 341.50
657.0121	trestle	metal support trestle for enclosures	MBOX3/5	9 250.50

• Characteristic of MBOX2

- 01** Compartment for sockets and protection
- 02** Can be equipped with OMNIA / OPTIMA sockets
- 03** Enclosure in shockproof and self extinguishing material
- 04** Possibility of emergency button
- 05** 16 way (2 x 8) consumer unit
- 06** Protection window/door
- 07** Integrated tilting handle



Residential switches & sockets



136.5121-303



136.5122-303



136.5123-303



136.5123-414



101.6303.G



101.6414.G



137.5012



137.5022


Unibox series - Surface mounting IP55

- Housing: Thermoplastic (RAL 7035) (grey)
- Impact resistance: IK06 (500g with a striking energy of 1J)
- Max. temperature: +60°C
- Standards: EN 60670-1

type	amps	poles	description	dimensions (mm)			price
				(H)	(W)	(D)	

Unibox series - Surface mounting IP55
1 gang surface mount switches

136.5121-303	16A	1P	1-way surface mount switch	82	68	66	193.20
136.5121-302	20A	2P	1-way surface mount switch	82	68	66	296.10
136.5121-323	16A	1P	2-way surface mount switch	82	68	66	217.35
136.5121-333	16A	1P	bell-push (momentary action)	82	68	66	217.35

2 gang surface mount switches

136.5122-303	16A	2P	2 x 1-pole surface mount switch	82	68	66	297.15
136.5122-414	15A	2P+E	2-pole + earth socket only	82	68	66	364.35

3 gang surface mount switches

136.5123-303	16A	3P	3 x 1-pole surface mount switch	82	98	66	403.20
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Surface mount switch socket

136.5123-414	15A	2P+E	switch socket outlet	82	98	66	416.85
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Accessories for Unibox series

136.5121	1 gang	surface mount empty housing only (IP55)	82	68	66	128.10
136.5122	2 gang	surface mount empty housing only (IP55)	82	68	66	128.10
136.5123	3 gang	surface mount empty housing only (IP55)	82	98	66	194.25
136.001	—	external mount brackets for surface boxes			(10 pcs)	28.98
570.5052*	2 gang	panel mount housing for switches or sockets	82	68	—	175.35
570.6001*	2 gang	panel mnt housing (IP66 with plug inserted)	107	84	—	276.15
136.5023	3 gang	flush mnt housing for switches or sockets	82	98	—	211.05
875.4303	3 gang	wall box for flush mount empty housing	82	98	—	15.75

* Fits into housing for industrial sockets with 70 x 87 mm flange

Evolution series - Switches and sockets for above boxes

101.6303.G	16 A	1-pole	on/off switch for housings	(1 module)	70.35
101.6311.G	16 A	2-pole	changeover switch (I-O-II)	(1 module)	126.00
101.6403.G	16A	2P+E	Italian socket for housings	(1 module)	72.45
101.6414.G	15A	2P+E	SA socket for housings	(2 module)	191.10
101.6407.G	16A	2P+E	German socket for housings	(2 module)	147.00

DIN rail mount support for Evolution switches and sockets

654.0091	support	rail mnt support for above switches/sockets	(1 module)	22.68
654.0092	support	rail mnt support for above switches/sockets	(2 module)	27.72

Protecta series - Switches and sockets IP66

- Housing: Thermoplastic (halogen free) RAL 7035 (grey)
- Mounting: Surface mount (can be flush mounted)
- Max temperature: +60°C
- Glow wire test: 850°C / IK07

1 gang surface mount switches

137.5012	20A	1P	surface mount switch	95	95	—	387.45
137.5462	20A	2P	surface mount switch	95	95	—	488.25
137.5212	20A	1P	2 way surface mnt switch	95	95	—	475.65
137.5311P	10A	1P	bell-push(momentary action)	95	95	—	345.45

2 gang surface mount switches

137.5022	20A	2P	surface mount switch	95	95	—	538.65
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Accessories for above Protecta switches

137.101	surface	surface mount back box for above switches	95	95	—	72.45
137.141	pole	pole mount back box for above switches	95	95	—	181.65
137.002	cover	IP66 cover accepts 2 x evolution (modules)	—	—	—	280.35
137.121	flush	flush mount frame kit for above switches	95	95	—	91.35
137.123	flush	flush mount frame kit for above sockets	115	115	—	113.40

Weatherproof plugs & sockets



46.031.4553.1



46.032.4553.1



96.031.4253.1



96.051.5053.1



96.052.5053.1



96.031.4554.3



96.032.4554.3



97.051.4053.1

Z5.567.5653.0

RST connectors are an ideal solution to providing pluggable connections to products able to withstand severe conditions, the connectors easily replace conventional cable glands providing a flexible, pluggable solution.

- Rapid mounting through ease of handling
- UV-resistant (*Polymide - Halogen free*)
- Cross-sections up to 6 mm²
- Protection degree: IP65, IP66, IP67, IP68, IP69K
- Colour: Black

type	current (A)	No. poles	for cable (Ø mm)	wire (mm ²)	description	panel hole Ø	price
RST MINI Twistlock technology 250V							
RST 16i3 16A 3-pole							
46.031.4553.1	16A	3-pole	5 - 9.5	.25 - 2.5	in-line female connector	—	180.60
46.032.4553.1	16A	3-pole	5 - 9.5	.25 - 2.5	in-line male connector	—	180.60
46.031.5053.1	16A	3-pole	—	.25 - 2.5	panel mnt female connector	M16	159.60
46.032.5053.1	16A	3-pole	—	.25 - 2.5	panel mount male connector	M16	159.60
46.030.1253.1	16A	3-pole	—	—	1in / 2out distribution block	—	410.55
06.563.8953.1	16A	3-pole	—	—	protection cover for above 3-pole male connectors	—	48.30
06.563.8753.1	16A	3-pole	—	—	protection cover for above 3-pole female connectors	—	48.30
RST 16i5 16A 5-pole							
46.051.4553.1	16A	5-pole	5 - 9.5	.25 - 2.5	in-line female connector	—	311.85
46.052.4553.1	16A	5-pole	5 - 9.5	.25 - 2.5	in-line male connector	—	311.85
46.051.5053.1	16A	5-pole	—	.25 - 2.5	panel mnt female connector	M20	261.45
46.052.5053.1	16A	5-pole	—	.25 - 2.5	panel mount male connector	M20	261.45
46.050.1253.1	16A	5-pole	—	—	1in / 2out distribution block	—	537.60
06.562.5853.1	16A	3/5-pole	—	—	mounting base for above 3/5-pole distribution blocks	—	55.65
06.563.9353.1	16A	5-pole	—	—	protection cover for above 5-pole male connectors	—	51.45
06.563.9153.1	16A	5-pole	—	—	protection cover for above 5-pole female connectors	—	51.45
RST 20i3 20A 3-pole 250V							
96.031.4053.1	20A	3-pole	6 - 10	.75 - 6.0	in-line female connector	—	195.30
96.031.4153.1	20A	3-pole	10 - 14	.75 - 6.0	in-line female connector	—	220.50
96.032.4053.1	20A	3-pole	6 - 10	.75 - 6.0	in-line male connector	—	220.50
96.032.4153.1	20A	3-pole	10 - 14	.75 - 6.0	in-line male connector	—	220.50
96.031.5053.1	20A	3-pole	—	.75 - 6.0	panel mnt female connector	M25	164.85
96.032.5053.1	20A	3-pole	—	.75 - 6.0	panel mount male connector	M25	185.85
RST 20i5 20A 5-pole							
96.051.4153.1	20A	5-pole	10 - 14	.75 - 4.0	in-line female connector	—	323.40
96.052.4153.1	20A	5-pole	10 - 14	.75 - 4.0	in-line male connector	—	363.30
96.051.4353.1	20A	5-pole	10 - 14	.75 - 1.5	female splitter connector	—	756.00
96.051.5053.1	20A	5-pole	—	.75 - 4.0	panel mnt female connector	M25	307.65
96.052.5053.1	20A	5-pole	—	.75 - 4.0	panel mount male connector	M25	307.65
96.031.4253.1	20A	3/5-pole	6 - 10	.75 - 2.5	female splitter connector	—	491.40
96.031.4353.1	20A	3/5-pole	10 - 14	.75 - 2.5	female splitter connector	—	491.40
01.006.1553.1	20A	3/5-pole	—	—	mounting plate for 20A 3/5-pole splitter connectors	—	115.50
RST 25i3 32A (using 6 mm² cable) PV applications							
96.031.4554.3	32A	3-pole	10 - 14	.75 - 6.0	in-line female connector	—	269.85
96.032.4554.3	32A	3-pole	10 - 14	.75 - 6.0	in-line male connector	—	269.85
96.031.5054.3	32A	3-pole	—	.75 - 6.0	panel mnt female connector	M25	183.75
96.032.5054.3	32A	3-pole	—	.75 - 6.0	panel mount male connector	M25	183.75
RST 50i5 50A 5-pole power series							
97.051.4053.1	50A	5-pole	15 - 25	4.0 - 16.0	in-line female connector	M32	1 186.50
97.052.4053.1	50A	5-pole	15 - 25	4.0 - 16.0	in-line male connector	M32	1 186.50
97.051.5553.1	50A	5-pole	—	4.0 - 16.0	panel mnt female connector	M32	946.05
97.052.5553.1	50A	5-pole	—	4.0 - 16.0	panel mount male connector	M32	946.05
Accessories for RST20/25/50 connectors							
05.564.8653.1	20/32A	—	—	—	manual disconnect tool (<i>easy release button</i>)	—	16.70
05.568.8853.1	20/32A	—	—	—	spacer ring (<i>manually actuated</i>) for M25 connectors	M25	21.84
99.416.6205.2	20/32A	3-pole	—	—	protection cover for 20/32A 3-pole female connector	—	119.70
99.414.6205.2	20/32A	3-pole	—	—	protection cover for 20/32A 3-pole male connector	—	119.70
99.532.0000.7	20/32A	5-pole	—	—	protection cover for 20/32A 5-pole female connector	—	148.05
99.530.0000.7	20/32A	5-pole	—	—	protection cover for 20/32A 5-pole male connector	—	148.05
Z5.567.5653.0	50A	cover	—	—	protection cover for 50A male or female connectors	—	373.80

Installation connectors



GST series - Multipole connectors

Rated voltage: 250V Rated current: 16A
Protection degree: IP20 Colour: White (black available on request)

- Quick, easy and reliable connection technology with Integrated locking device

type	current (A)	No. poles	for cable (Ø mm)	wire (mm²)	description	panel hole Ø	price
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GST 15i3 (Gesis mini) connectors 16A/250V

In-line connectors (with strain relief)		screw connection					
91.921.3053.0	16A	2 pole	5.5 - 8.5	0.5 - 1.5	female in-line connector		87.15
91.922.3053.0	16A	2 pole	5.5 - 8.5	0.5 - 1.5	male in-line connector		80.85
91.931.3053.0	16A	3-pole	5.5 - 8.5	0.5 - 1.5	female in-line connector		121.80
91.932.3053.0	16A	3-pole	5.5 - 8.5	0.5 - 1.5	male in-line connector		113.40
91.931.9053.0	16A	3-pole	—	0.5 - 1.5	flush female p/mnt connector		76.65
91.931.9153.0	16A	3-pole	—	0.5 - 1.6	protruding female p/mnt conn.		76.65
91.932.9053.0	16A	3-pole	—	0.5 - 1.5	flush male p/mnt connector		68.25
91.932.9153.0	16A	3-pole	—	0.5 - 1.6	protruding male p/mnt conn.		68.25

GST 18i3 (Gesis) connectors 16A/250V

In-line connectors (with strain relief)		screw connection					
92.931.3053.0	16A	3-pole	6.5 - 10.5	0.75 - 2.5	female in-line connector		106.05
92.932.3053.0	16A	3-pole	6.5 - 10.5	0.75 - 2.5	male in-line connector		91.35

Panel mounting (snap-in) spring-loaded screwless connection

92.031.9658.0	16A	3-pole	—	0.75 - 2.5	female panel mount connector		70.35
92.032.9658.0	16A	3-pole	—	0.75 - 2.5	male panel mount connector		65.10

Accessories for GST connectors

91.030.6053.0	16A	3-pole	1 in / 2 out distribution unit for GST15i connectors				330.75
91.030.4953.0	16A	3-pole	1 in / 3 out distribution unit for GST15i connectors				376.95
91.030.5853.0	16A	3-pole	U-type intermediate coupling for GST 15i connectors				324.45
91.030.5953.0	16A	3-pole	in-line intermediate coupling for GST 15i connectors				166.95
92.030.4853.0	16A	3-pole	1 in / 3 out distribution unit for GST18i connectors				186.90
92.030.5958.0	16A	3-pole	in-line intermediate coupling for GST 18i connectors				90.30
05.587.3156.0	lock	—	locking device for in-line connectors				24.47
05.561.3653.0	cover	—	protection cover for GST18i female connectors				34.13

Revos MINI - industrial multipole connectors

Protection degree: IP65 (when used with appropriate cable gland)

type	current (A)	No. poles	rated voltage	connect type	cable inlet	description	price
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- Set is made up with - contact inserts (male and female) - base - hood

Revos MINI 10A/400V

Contact inserts		Screw connection - (cables 0.5 - 2.5 mm²)					
73.310.0353.0	10A	3p + ⊥	400 V	screw	—	male insert - screw terminal	191.10
73.310.0453.0	10A	4p + ⊥	400 V	screw	—	male insert - screw terminal	236.25
73.300.0353.0	10A	3p + ⊥	400 V	screw	—	female insert - screw terminal	187.95
73.300.0453.0	10A	4p + ⊥	400 V	screw	—	female insert - screw terminal	264.60

Crimp connection - (crimp contacts to be ordered separately)

73.710.0753.0	10A	7p + ⊥	250 V	crimp	—	male insert - for crimp pins	80.85
73.710.0853.0	10A	8 pole	50 V	crimp	—	male insert - for crimp pins	81.90
05.544.1029.0	10A	—	250 V	crimp	.75 - 1.5 mm²	male crimp contact pins	12.92
73.700.0753.0	10A	7p + ⊥	250 V	crimp	—	female insert - for crimp pins	76.65
73.700.0853.0	10A	8 pole	50 V	crimp	—	female insert - for crimp pins	77.70
02.124.1029.0	10A	—	250 V	crimp	.75 - 1.5 mm²	female crimp contact pins	13.55

Bases

		with locking lever for hood connection					
76.320.0729.0	metal	3/4/7/8		open	straight	base for contact inserts	170.10
76.321.0729.0	metal	3/4/7/8		open	90°	angled base for cont. inserts	266.70
76.320.0753.0	plastic	3/4/7/8		open	straight	base for contact inserts	117.60
76.321.0753.0	plastic	3/4/7/8		open	90°	angled base for cont. inserts	233.10

Hoods

		with threaded collar to accept M20 cable glands					
76.352.0736.1	metal	3/4/7/8		M20	straight	hood for contact inserts	162.75
76.350.0736.1	metal	3/4/7/8		M20	90°	angled hood for cont. inserts	265.65
76.352.0760.1	plastic	3/4/7/8		M20	straight	hood for contact inserts	118.65
76.350.0760.1	plastic	3/4/7/8		M20	90°	angled hood for cont. inserts	135.45



Scan to watch video



70 300 1040 0



70.415.0653.0



70.405.0653.0



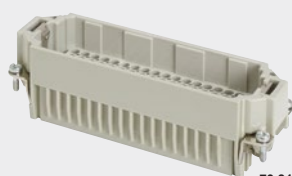
70.415.1653.0



70.405.1653.0



73 810 2453 0



73 810 0853 0

Revos BASIC - Industrial multipole connectors

Heavy duty connectors for use in tough environment conditions. Used in the automotive industry, packaging, instrumentation, control and automation equipment.

They permit simple, time-saving installation of machinery and equipment, providing effective protection against mechanical impact, water and dust entry.

- Rated voltage: 690V
- Rated current: 10/16A
- Protection degree: *Supplied without gland (IP65 when used with appropriate cable gland)*

type	current (A)	No. poles	rated voltage	connect type	cable inlet	size	description	price
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Contact inserts Fit into all revos bases and hoods to make up a complete connector.

Revos BASIC	Standard contact inserts with screw termination - 6/10/16/24/32/48 pole + earth
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- Connector set is made up with - contact inserts (*male and female*) - base - hood

Screw terminal (*with wire protection*)

(for cables 0.5 - 2.5 mm²)

70.310.0640.0	16A	6p+ $\frac{1}{2}$	690V	screw	—	6	male insert - screw term.	187.95
70.310.1040.0	16A	10p+ $\frac{1}{2}$	690V	screw	—	10	male insert - screw term.	223.65
70.310.1640.0	16A	16p+ $\frac{1}{2}$	690V	screw	—	16	male insert - screw term.	289.80
70.310.2440.0	16A	24p+ $\frac{1}{2}$	690V	screw	—	24	male insert - screw term.	361.20
70.310.3253.0	16A	32p+ $\frac{1}{2}$	690V	screw	—	32	male insert - screw term.	649.95
70.310.4840.0	16A	48p+ $\frac{1}{2}$	690V	screw	—	48	male insert - screw term.	743.40
70.300.0640.0	16A	6p+ $\frac{1}{2}$	690V	screw	—	6	female insert - screw term.	191.10
70.300.1040.0	16A	10p+ $\frac{1}{2}$	690V	screw	—	10	female insert - screw term.	226.80
70.300.1640.0	16A	16p+ $\frac{1}{2}$	690V	screw	—	16	female insert - screw term.	294.00
70.300.2440.0	16A	24p+ $\frac{1}{2}$	690V	screw	—	24	female insert - screw term.	366.45
70.300.3253.0	16A	32p+ $\frac{1}{2}$	690V	screw	—	32	female insert - screw term.	658.35
70.300.4840.0	16A	48p+ $\frac{1}{2}$	690V	screw	—	48	female insert - screw term.	750.75

Push-in termination contact inserts

New push-in technology allows flexible conductors with ferrules to be simply and quickly connected without the use of tools. Simply push-in the wire conductor for a high contact quality, reliable, gas-tight, vibration proof connection.

- Extremely quick connection time - (cables are simply withdrawn by pressing a release button)

70.415.0653.0	16A	6p+ $\frac{1}{2}$	690V	push-in	—	6	male insert - push-in term.	215.25
70.415.1053.0	16A	10p+ $\frac{1}{2}$	690V	push-in	—	10	male insert - push-in term.	276.15
70.415.1653.0	16A	16p+ $\frac{1}{2}$	690V	push-in	—	16	male insert - push-in term.	336.00
70.415.2453.0	16A	24p+ $\frac{1}{2}$	690V	push-in	—	24	male insert - push-in term.	487.20
70.405.0653.0	16A	6p+ $\frac{1}{2}$	690V	push-in	—	6	female insert - push-in term.	222.60
70.405.1053.0	16A	10p+ $\frac{1}{2}$	690V	push-in	—	10	female insert - push-in term.	283.50
70.405.1653.0	16A	16p+ $\frac{1}{2}$	690V	push-in	—	16	female insert - push-in term.	352.80
70.405.2453.0	16A	24p+ $\frac{1}{2}$	690V	push-in	—	24	female insert - push-in term.	516.60

Revos DD	High density contact inserts for crimp contacts - 24/42/72/108 poles
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High contact density in the most compact housing. Connection is made with proven turned crimp contacts.

- Crimp connection - (*crimp contact pins to be ordered separately - see below*)
- Connector set is made up with - contact inserts and crimp contact pins (*male and female*) - base - hood

73.810.2453.0	10A	24p+ $\frac{1}{2}$	250V	crimp	—	6	male insert - for crimp pins	352.80
73.810.4253.0	10A	42p+ $\frac{1}{2}$	250V	crimp	—	10	male insert - for crimp pins	411.60
73.810.7253.0	10A	72p+ $\frac{1}{2}$	250V	crimp	—	16	male insert - for crimp pins	421.05
73.810.0853.0	10A	108p+ $\frac{1}{2}$	250V	crimp	—	24	male insert - for crimp pins	444.15
73.800.2453.0	10A	24p+ $\frac{1}{2}$	250V	crimp	—	6	female insert - for crimp pins	354.90
73.800.4253.0	10A	42p+ $\frac{1}{2}$	250V	crimp	—	10	female insert - for crimp pins	414.75
73.800.7253.0	10A	72p+ $\frac{1}{2}$	250V	crimp	—	16	female insert - for crimp pins	423.15
73.800.0853.0	10A	108p+ $\frac{1}{2}$	250V	crimp	—	24	female insert - for crimp pins	447.30

Crimp contacts for Revos DD contact inserts *(cables 0.75 - 1 mm²)*

05.544.4329.8	10A	—	250 V	0.75 - 1 mm ²	male crimp contact pins	13.55
02.125.4329.8	10A	—	250 V	0.75 - 1 mm ²	female crimp contact pins	14.81
05.544.4429.8	10A	—	250 V	1.5 mm ²	male crimp contact pins	13.55
02.125.4429.8	10A	—	250 V	1.5 mm ²	female crimp contact pins	14.81

Accessories for contact inserts

95.101.0800.0	tool	—	—	crimp	—	crimping tool for crimp contact pins	6 573.00
05.502.2100.0	die	—	—	crimp	—	die set for crimping contact pins	2 919.00
05.502.3100.0	pos.	—	—	crimp	—	contact pin positioner for crimping tool	1 764.00
05.502.0710.0	tool	—				extraction tool for removing crimp contact pins from contact inserts	615.30

Heavy duty multi-pole connectors

continued... Revos - Industrial multipole connectors

• Set is made up with - contact inserts (*male and female*) - base - hood

type	locking lever	gland entry	cable inlet	size	description	price
Bases (housings) (diecast aluminium)						
Panel mount (open bottom base - no cover)						
Single locking lever						
70.320.0628.0	single	open	straight	6	bulkhead mounting base	327.60
71.320.1028.0	single	open	straight	10	bulkhead mounting base	430.50
71.320.1628.0	single	open	straight	16	bulkhead mounting base	450.45
71.320.2428.0	single	open	straight	24	bulkhead mounting base	504.00
70.320.4828.0	single	open	straight	48	bulkhead mounting base	1 711.50
Double locking lever						
70.320.1028.0	double	open	straight	10	bulkhead mounting base	470.40
70.320.1628.0	double	open	straight	16	bulkhead mounting base	485.10
70.320.2428.0	double	open	straight	24	bulkhead mounting base	537.60
70.320.3228.0	double	open	straight	32	bulkhead mounting base	978.60
Surface mount (closed bottom base) metric threaded side cable gland entry						
Single locking lever						
70.331.0635.1	single	M20	side	6	side entry surface mount base	473.55
71.331.1035.1	single	M20	side	10	side entry surface mount base	588.00
71.331.1635.1	single	M25	side	16	side entry surface mount base	599.55
71.331.2435.1	single	M25	side	24	side entry surface mount base	676.20
70.344.4835.1	single	M40	side	48	side entry surface mount base	4 567.50
Double locking lever						
70.331.1035.1	double	M20	side	10	side entry surface mount base	625.80
70.331.1635.1	double	M25	side	16	side entry surface mount base	634.20
70.331.2435.1	double	M25	side	24	side entry surface mount base	706.65
Hoods (with studs to receive locking lever on bases) (diecast aluminium)						
Lateral cable entry (side entry) metric threaded cable gland entry						
Single locking lever						
70.350.0635.1	single	M20	side	6	lateral cable gland entry hood	261.45
71.350.1035.1	single	M20	side	10	lateral cable gland entry hood	358.05
71.350.1635.1	single	M25	side	16	lateral cable gland entry hood	359.10
71.350.2435.1	single	M25	side	24	lateral cable gland entry hood	417.90
70.350.4835.1	single	M32	side	48	lateral cable gland entry hood	1 890.00
Double locking lever						
70.350.1035.1	double	M20	side	10	lateral cable gland entry hood	358.05
70.350.1635.1	double	M25	side	16	lateral cable gland entry hood	359.10
70.350.2435.1	double	M25	side	24	lateral cable gland entry hood	417.90
70.350.3235.1	double	M32	side	32	lateral cable gland entry hood	1 291.50
Top cable entry metric threaded cable gland entry						
Single locking lever						
70.352.0635.1	single	M20	top	6	top cable gland entry hood	261.45
71.352.1035.1	single	M20	top	10	top cable gland entry hood	358.05
71.352.1635.1	single	M25	top	16	top cable gland entry hood	359.10
71.352.2435.1	single	M25	top	24	top cable gland entry hood	417.90
70.352.4835.1	single	M32	top	48	top cable gland entry hood	1 890.00
Double locking lever						
70.352.1035.1	double	M20	top	10	top cable gland entry hood	358.05
70.352.1635.1	double	M25	top	16	top cable gland entry hood	359.10
70.352.2435.1	double	M25	top	24	top cable gland entry hood	417.90
70.352.3235.1	double	M32	top	32	top cable gland entry hood	1 291.50
With locking levers (for in-line cable-to-cable connection)						
70.372.0635.1	single	M20	top	6	locking levers for cable to cable	347.55
71.372.1035.1	single	M20	top	10	locking levers for cable to cable	506.10
71.372.1635.1	single	M25	top	16	locking levers for cable to cable	548.10
71.372.2435.1	single	M25	top	24	locking levers for cable to cable	725.55



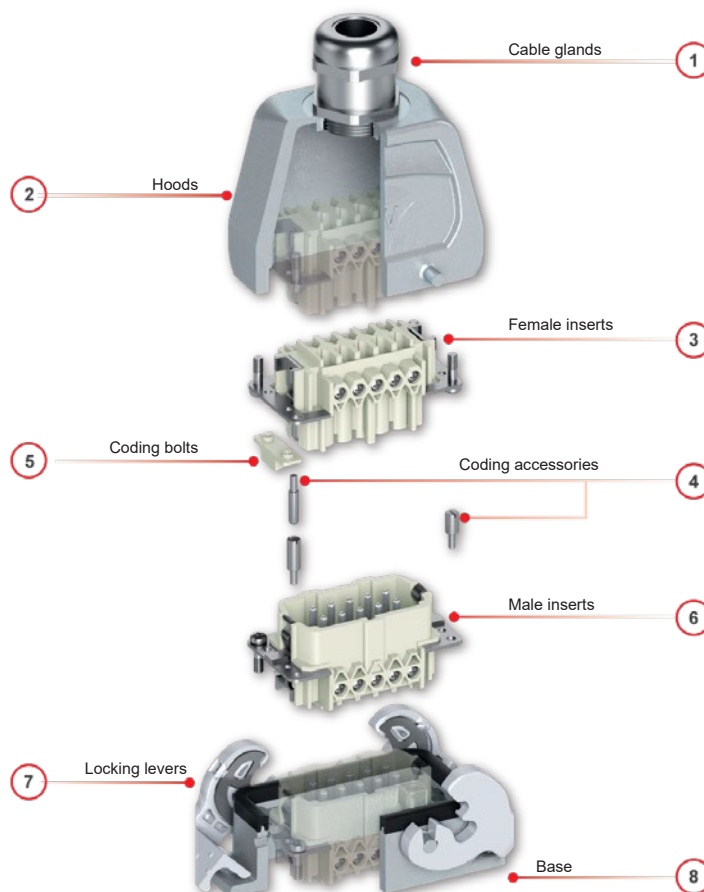
Connector protection covers

Protective covers for Revos housings

type	size	locking lever	for	gasket	description	price
Covers without locking levers for bases						
07.417.6753.0	mini	single	male	no	protection cover for bases	39.90
07.409.7056.0	6	single	base	no	protection cover for bases	77.70
07.428.5553.0	10	single	base	no	protection cover for bases	136.50
07.428.5653.0	16	single	base	no	protection cover for bases	152.25
07.428.5753.0	24	single	base	no	protection cover for bases	175.35
07.409.7156.0	10	double	base	no	protection cover for bases	89.25
07.409.7256.0	16	double	base	no	protection cover for bases	99.75
07.409.7356.0	24	double	base	no	protection cover for bases	114.45
Z7.419.6228.0	32	double	base	no	protection cover for bases	500.85
Covers with locking levers for hoods						
07.417.6853.0	mini	single	female	yes	protection cover for hoods	55.65
Z7.428.1153.0	6	single	hood	yes	protection cover for hoods	341.25
Z7.428.5553.0	10	single	hood	yes	protection cover for hoods	408.45
Z7.428.5653.0	16	single	hood	yes	protection cover for hoods	411.60
Z7.428.5753.0	24	single	hood	yes	protection cover for hoods	474.60
Z7.428.1253.0	10	double	hood	yes	protection cover for hoods	408.45
Z7.428.1353.0	16	double	hood	yes	protection cover for hoods	411.60
Z7.428.1453.0	24	double	hood	yes	protection cover for hoods	474.60
Z7.419.6128.0	32	double	hood	yes	protection cover for hoods	768.60

• **Revos** - Industrial multipole connector

– General configuration:



Photovoltaic connectors



PVB101A-F2-M
PVB101A-F2-F



PVB101A-F2-M



PVB101A-F2-F



SY-CP4A-M



SY-CP4A-F



MTT2AB



30199



MTHP46-M



MTHP46-F



TB006

Photovoltaic connectors

Solar PV connectors are manufactured in high quality materials offering extremely high impact strength and chemical resistance with excellent UV and weather properties guaranteeing long-term stability and reliability, lower contact resistance and higher current transfer capability ensuring high product efficiency.

- TUV approved and quick and easy to install
- Stable connection reducing maintenance cost
- Protection class IP67/IP68 suitable for harsh outdoor environments

type	for cable mm ²	DC Volts IEC 62852	Amps	cable outer dia (mm)	male	female	description	price
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PVBN series - In-line connectors 1500V IP68

Rated voltage: IEC1500V / UL 2000V
Ambient temperature: -40°C...+90°C
Protection degree: IP68 (IEC 60529)
Rated Impulse Voltage: 16 kV
Contact/Insulation material: Tin plated Copper/PC
Locking system: NEC locking type *(requires a tool to open connector)*
Fire protection: UL94-V 0
Certification: IEC 62852; UL 6703

- Supplied individually - complete with insulated housing and open crimp contacts

PVB101A-F2-M	4.0/6.0	1500 V	35A	5.6...6.9	•		male solar coupler	17.01
PVB101A-F2-F	4.0/6.0	1500 V	35A	5.6...6.9		•	female solar coupler	17.01

SY-CP series - Panel mount connectors 1000V (mounts through M12 panel hole)

Rated voltage: IEC 1000V / UL 600V
Ambient temperature: -40°C...+90°C
Protection degree: IP68 (IEC 60529)
Contact material: Tin plated copper
Fire protection: UL94-V0
Certification: IEC 62852; UL 6703

- Supplied individually - complete with insulated housing and open crimp contacts

SY-CP4A-M	4.0/6.0	1000 V	30A	5.6...6.9	•		male p/mount connector	20.16
SY-CP4A-F	4.0/6.0	1000 V	30A	5.6...6.9		•	female p/mnt connector	20.16

MTT series - T-branch connectors 1500V

MTT series branch connectors are suitable for solar cable 2.5 mm², 4 mm² and 6 mm² in solar connection project. Connecting solar panels in series or parallel, quickly and reliable connection of the solar cables to the photovoltaic system *(solar panels, converters)*.

MTT2AB	branch	1500 V	30A	socket	2	1	socket branch connector	185.85
	branch	1500 V	30A	plug	1	2	plug branch connector	

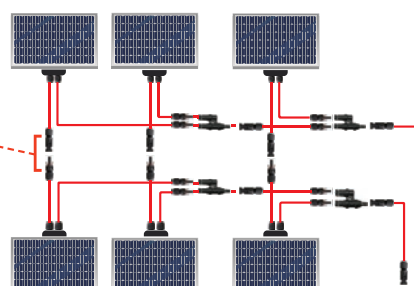
Jokari PV-strip Pro Cable stripper for solar cables / photovoltaic cables

- For stripping solar and photovoltaic cables
- Uniquely large stripping range from 1.5 - 16 mm² (16 - 6 AWG)
- Length stop can be adjusted with millimetre precision from 5 to 26 mm

30199	1.5 - 16	cable stripper for solar cables / photovoltaic cables 1.5 - 16 mm ²	680.40
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Tools and accessories for above connectors

MTHP46-M	4.0/6.0	1500 V	open end male crimping contact pins only	(ea)	7.04
MTHP46-F	4.0/6.0	1500 V	open end female crimping contact pins only	(ea)	7.04
YS-C005	sealing caps for PV connectors			(male + female pair)	21.95
THB510	open end universal spanner and unlocking tool				78.75
TB006	PV connector set in carrying case comprising:				1 827.00
	- PV crimping tool for 2.5/4/6 mm ² cables				
	- Wire cutter, wire stripper for 2.5/4/6 mm ² cables				
	- Pair open end universal spanners with unlocking too				



Battery storage connectors

Battery storage connectors

Battery connectors can be connected in series or individually depending on specific application requirements, the connector is mounted on the front of the battery module, while connections are terminated from the rear.

Connectors can be rotated 360° and are mechanically coded to prevent polarity reversal or incorrect mating.

- Touch proof, safety, reliable
- 360° rotating plug
- Compact, robust design
- Various termination options
- Quick lock / press-to-release design
- Rated voltage: 1000 - 1500 VDC
- Operating temp: -40°C ~ +125°C
- Protection degree: IP67 (*mated*)
- Flammability: UL94 V-0
- Available colours: Orange, black (*red available on request*)

type	rated current	cable size	rated voltage	colour	Ø pin contact	termination type	description	price
Plug (right angled)			IP67 (<i>mated</i>)		angled 90°			
CN06-W01-16	100A	16 mm ²	1000V	orange	6 mm	crimp	angled plug	162.75
CN06-W02-16	100A	16 mm ²	1000V	black	6 mm	crimp	angled plug	162.75
CN06-W01-25	120A	25 mm ²	1000V	orange	6 mm	crimp	angled plug	162.75
CN06-W02-25	120A	25 mm ²	1000V	black	6 mm	crimp	angled plug	162.75
CN08-W01-35	150A	35 mm ²	1500V	orange	8 mm	crimp	angled plug	234.15
CN08-W02-35	150A	35 mm ²	1500V	black	8 mm	crimp	angled plug	234.15
CN08-W01-50	200A	50 mm ²	1500V	orange	8 mm	crimp	angled plug	234.15
CN08-W02-50	200A	50 mm ²	1500V	black	8 mm	crimp	angled plug	234.15
CN12-W01-70	250A	70 mm ²	1500V	orange	12 mm	crimp	angled plug	456.75
CN12-W02-70	250A	70 mm ²	1500V	black	12 mm	crimp	angled plug	456.75
CN12-W01-95	300A	95 mm ²	1500V	orange	12 mm	crimp	angled plug	456.75
CN12-W02-95	300A	95 mm ²	1500V	black	12 mm	crimp	angled plug	456.75
CN12-W01-120	350A	120 mm ²	1500V	orange	12 mm	crimp	angled plug	456.75
CN12-W02-120	350A	120 mm ²	1500V	black	12 mm	crimp	angled plug	456.75

Socket (receptacle)			IP67 (<i>mated</i>)		front installation			
type	rated current	thread or hole Ø	rated voltage	colour	Ø pin contact	termination type	description	price
CN06-S01-LD6	120A	M6	1000V	orange	6 mm	outer thread	straight socket	130.20
CN06-S02-LD6	120A	M6	1000V	black	6 mm	outer thread	straight socket	130.20
CN06-S01-LM6	120A	M6	1000V	orange	6 mm	inner thread	straight socket	130.20
CN06-S02-LM6	120A	M6	1000V	black	6 mm	inner thread	straight socket	130.20
CN06-S01-M5	120A	M5	1000V	orange	6 mm	threaded bar	straight socket	130.20
CN06-S02-M5	120A	M5	1000V	black	6 mm	threaded bar	straight socket	130.20
CN06-S01-H25	120A	25 mm ²	1000V	orange	6 mm	crimp	straight socket	130.20
CN06-S02-H25	120A	25 mm ²	1000V	black	6 mm	crimp	straight socket	130.20
CN08-S01-LD8	200A	M8	1500V	orange	8 mm	outer thread	straight socket	195.30
CN08-S02-LD8	200A	M8	1500V	black	8 mm	outer thread	straight socket	195.30
CN08-S01-LM6	200A	M6	1500V	orange	8 mm	inner thread	straight socket	195.30
CN08-S02-LM6	200A	M6	1500V	black	8 mm	inner thread	straight socket	195.30
CN08-S01-M6	200A	M6	1500V	orange	8 mm	threaded bar	straight socket	195.30
CN08-S02-M6	200A	M6	1500V	black	8 mm	threaded bar	straight socket	195.30
CN08-S01-H50	200A	50 mm ²	1500V	orange	8 mm	crimp	straight socket	195.30
CN08-S02-H50	200A	50 mm ²	1500V	black	8 mm	crimp	straight socket	195.30
CN12-S01-LD10	350A	M10	1500V	orange	12 mm	outer thread	straight socket	355.95
CN12-S02-LD10	350A	M10	1500V	black	12 mm	outer thread	straight socket	355.95
CN12-S01-LM10	350A	M10	1500V	orange	12 mm	inner thread	straight socket	355.95
CN12-S02-LM10	350A	M10	1500V	black	12 mm	inner thread	straight socket	355.95
CN12-S01-M8	350A	M8	1500V	orange	12 mm	threaded bar	straight socket	355.95
CN12-S02-M8	350A	M8	1500V	black	12 mm	threaded bar	straight socket	355.95
CN12-S01-H120	350A	120 mm ²	1500V	orange	12 mm	crimp	straight socket	355.95
CN12-S02-H120	350A	120 mm ²	1500V	black	12 mm	crimp	straight socket	355.95

LD: Outer thread	LM: Inner thread	M: Threaded bar	H: Crimp type



Scan to watch



New



Press-to-release button

CN06-W02...



360° rotating plug

CN12-W01-120 + CN12-S02-M8



CN08-S01-M6



CN12-S02-M8

Battery storage terminals

New



LSP120-02-M6



LSP200-02-LD8



LSP400-01-LM8

Battery terminals (Bolt connector)

LSP series energy storage connectors are through-wall high-voltage connectors which provide secure and reliable connection between energy storage systems and various electrical equipment and systems. Made of high-quality materials with excellent corrosion resistance, ensuring a long service life, essential for efficient energy transmission and distribution.

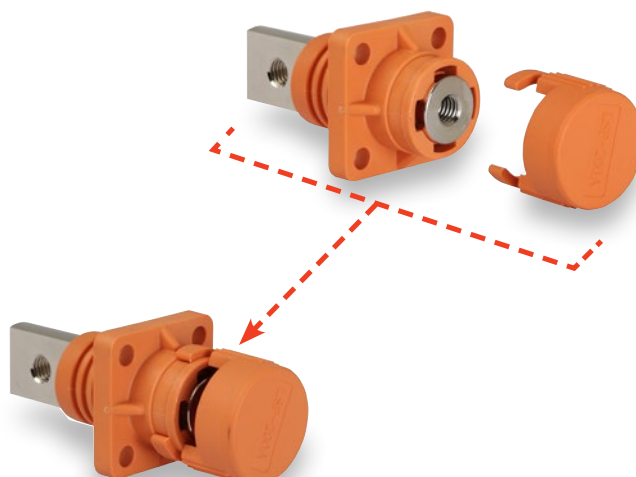
Convenient, easy to install and maintain, widely used in various industries such as renewable energy, electric vehicles and energy storage systems. An essential component for efficient energy transmission and distribution.

Termination is with a bolted cable lug and can be rotated 360°

- Touch proof, safe and reliable connection
 - Multi-directional (360° rotation) outlet
 - Robust arc resistant design
 - Polarity colour error-proof recognition
- Rated voltage: 1500 VDC
 - Dielectric strength: 3000 VDC
 - Material: PA66/T2Y silver plated copper
 - Flammability: UL94 V-0
 - Operating temperature: -40°C ~ +125°C
 - Available colours: Orange (+ positive), black (- negative)

type	rated current	cable size	rated voltage	colour	contact screw	termination type	description	price
100/120A bolt connector			16/25 mm²					
LSP120-01-M6	120A	25 mm²	1500V	orange	M6	threaded bar	bolt connector	120.75
LSP120-02-M6	120A	25 mm²	1500V	black	M6	threaded bar	bolt connector	120.75
LSP120-01-LD6	120A	25 mm²	1500V	orange	M6	outer thread	bolt connector	120.75
LSP120-02-LD6	120A	25 mm²	1500V	black	M6	outer thread	bolt connector	120.75
LSP120-01-LM6	120A	25 mm²	1500V	orange	M6	inner thread	bolt connector	120.75
LSP120-02-LM6	120A	25 mm²	1500V	black	M6	inner thread	bolt connector	120.75
150/200A bolt connector			35/50 mm²					
LSP200-01-M6	200A	50 mm²	1500V	orange	M6	threaded bar	bolt connector	165.90
LSP200-02-M6	200A	50 mm²	1500V	black	M6	threaded bar	bolt connector	165.90
LSP200-01-LD8	200A	50 mm²	1500V	orange	M8	outer thread	bolt connector	165.90
LSP200-02-LD8	200A	50 mm²	1500V	black	M8	outer thread	bolt connector	165.90
LSP200-01-LM6	200A	50 mm²	1500V	orange	M6	inner thread	bolt connector	165.90
LSP200-02-LM6	200A	50 mm²	1500V	black	M6	inner thread	bolt connector	165.90
300/400A bolt connector			70/95/120 mm²					
LSP400-01-M8	400A	120 mm²	1500V	orange	M8	threaded bar	bolt connector	301.35
LSP400-02-M8	400A	120 mm²	1500V	black	M8	threaded bar	bolt connector	301.35
LSP400-01-LD10	400A	120 mm²	1500V	orange	M10	outer thread	bolt connector	301.35
LSP400-02-LD10	400A	120 mm²	1500V	black	M10	outer thread	bolt connector	301.35
LSP400-01-LM8	400A	120 mm²	1500V	orange	M8	inner thread	bolt connector	301.35
LSP400-02-LM8	400A	120 mm²	1500V	black	M8	inner thread	bolt connector	301.35

Bolt connector (threaded bar)



Flat-blade connectors

Flat blade connectors (two pole)

REMA® flat blade contact connectors offer a cost effective, quick-disconnect DC power connector solution. Available in different colours used to differentiate the voltage types, ensuring compatibility of properly configured mating connectors according to their respective voltage.

General features:

- Housing constructed of glass fibre reinforced material for extreme durability and resistance to battery acid
- Genderless housing design (*same unit reversed plugs into opposite*)
- REMA® engineered contacts made of high grade electrolyte copper, silver plated for corrosion protection
- Different contacts with sizes epitomised for metric and AWG cable dimensions
- CE and UL 1977 certified component meets or exceeds EN 1175-1 industry standards
- In compliance with machinery directive 2006/42 EG and therefore with "CE" marking
- Accepts REMA® strain relief clamps and handles for easy intuitive assembly

type	current (A)	colour	cable connection		description		price
			AWG	eq. mm ²			
SR 50 50A connector			(H) 48 x (W) 36.5 x (D) 15.9 mm				
78176-01	50A	red	AWG 8	10 mm ²	heavy duty 2 pole connector		139.65
78184-00	50A	red	AWG 6	16 mm ²	heavy duty 2 pole connector		137.55
78180-02	50A	grey	AWG 8	10 mm ²	heavy duty 2 pole connector		137.55
78180-00	50A	grey	AWG 6	16 mm ²	heavy duty 2 pole connector		135.45
78181-05	50A	black	AWG 8	10 mm ²	heavy duty 2 pole connector		137.55
78181-00	50A	black	AWG 6	16 mm ²	heavy duty 2 pole connector		135.45

SR 175 175A connector			(H) 79.4 x (W) 55.6 x (D) 25.4 mm				
78234-00	175A	red	AWG 4	25 mm ²	heavy duty 2 pole connector		320.25
78235-00	175A	red	AWG 2	35 mm ²	heavy duty 2 pole connector		309.75
78236-00	175A	red	AWG 0	50 mm ²	heavy duty 2 pole connector		303.45
78220-01	175A	grey	AWG 4	25 mm ²	heavy duty 2 pole connector		271.95
78220-02	175A	grey	AWG 2	35 mm ²	heavy duty 2 pole connector		261.45
78220-00	175A	grey	AWG 0	50 mm ²	heavy duty 2 pole connector		257.25
78224-01	175A	blue	AWG 4	25 mm ²	heavy duty 2 pole connector		271.95
78224-02	175A	blue	AWG 2	35 mm ²	heavy duty 2 pole connector		261.45
78224-00	175A	blue	AWG 0	50 mm ²	heavy duty 2 pole connector		258.30

Accessories for SR 175 (above)

78290-00	—	grey	—	—	handle for SR 175 connectors		200.55
78291-00	—	red	—	—	handle for SR 175 connectors		168.00
78010-00	—	grey	—	—	cable clamp for SR 175		174.30

SR 350 350A Connector			(H) 108 x (W) 69.8 x (D) 33.3 mm				
78307-00	350A	red	AWG 0	50 mm ²	heavy duty 2 pole connector		423.15
78308-00	350A	red	AWG 00	70 mm ²	heavy duty 2 pole connector		453.60
78309-00	350A	red	AWG 000	95 mm ²	heavy duty 2 pole connector		883.05
78299-00	350A	grey	AWG 0	50 mm ²	heavy duty 2 pole connector		460.95
78300-00	350A	grey	AWG 00	70 mm ²	heavy duty 2 pole connector		491.40
78301-00	350A	grey	AWG 000	95 mm ²	heavy duty 2 pole connector		922.95
78303-00	350A	blue	AWG 0	50 mm ²	heavy duty 2 pole connector		414.75
78304-00	350A	blue	AWG 00	70 mm ²	heavy duty 2 pole connector		445.20
78304-01	350A	blue	AWG 000	95 mm ²	heavy duty 2 pole connector		877.80

Accessories for SR350 (above)

78297-00	—	grey	—	—	handle for SR 350 connectors		193.20
78298-00	—	red	—	—	handle for SR 350 connectors		193.20
78011-00	—	grey	—	—	cable clamp for SR 350		475.65

Reduction bushings

		from	to		
79840-00	reduction bushing	AWG 6	6 mm ²	cable reducing bushing	21.53
79844-00	reduction bushing	AWG 2	16 mm ²	cable reducing bushing	43.05
79846-00	reduction bushing	AWG 0	25 mm ²	cable reducing bushing	37.17
79847-00	reduction bushing	AWG 0	35 mm ²	cable reducing bushing	131.25

Recommended colour voltage coding:

Yellow: 12V - red: 24V - grey: 36V - blue: 48V



Flat-blade connectors

Flat blade connectors (single pole)

REMA® flat blade contact connectors offer a cost effective, quick-disconnect power connector solution. Available in different colours used to differentiate the voltage types, ensuring compatibility of properly configured mating connectors according to their respective voltage.

General Features

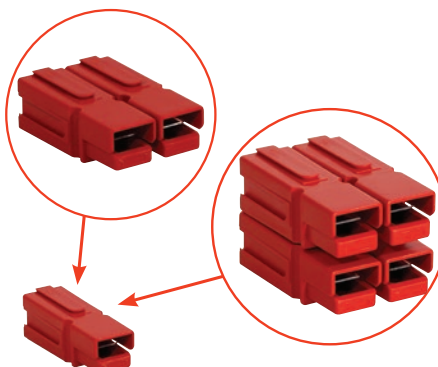
- Interlocking facility permitting multi-pole connections (2P, 3P, 4P...) in a flat horizontal or square format
- Constructed of glass fibre reinforced material for extreme durability and resistance to battery acid
- Genderless housing design (*same unit reversed plugs into opposite*)
- REMA® engineered contacts made of high grade electrolyte copper, silver plated for corrosion protection
- Different contacts with sizes optimised for metric and AWG cable dimensions
- CE and UL 1977 certified component meets or exceeds EN 1175-1 industry standards
- In compliance with machinery directive 2006/42 EG and therefore with "CE" marking

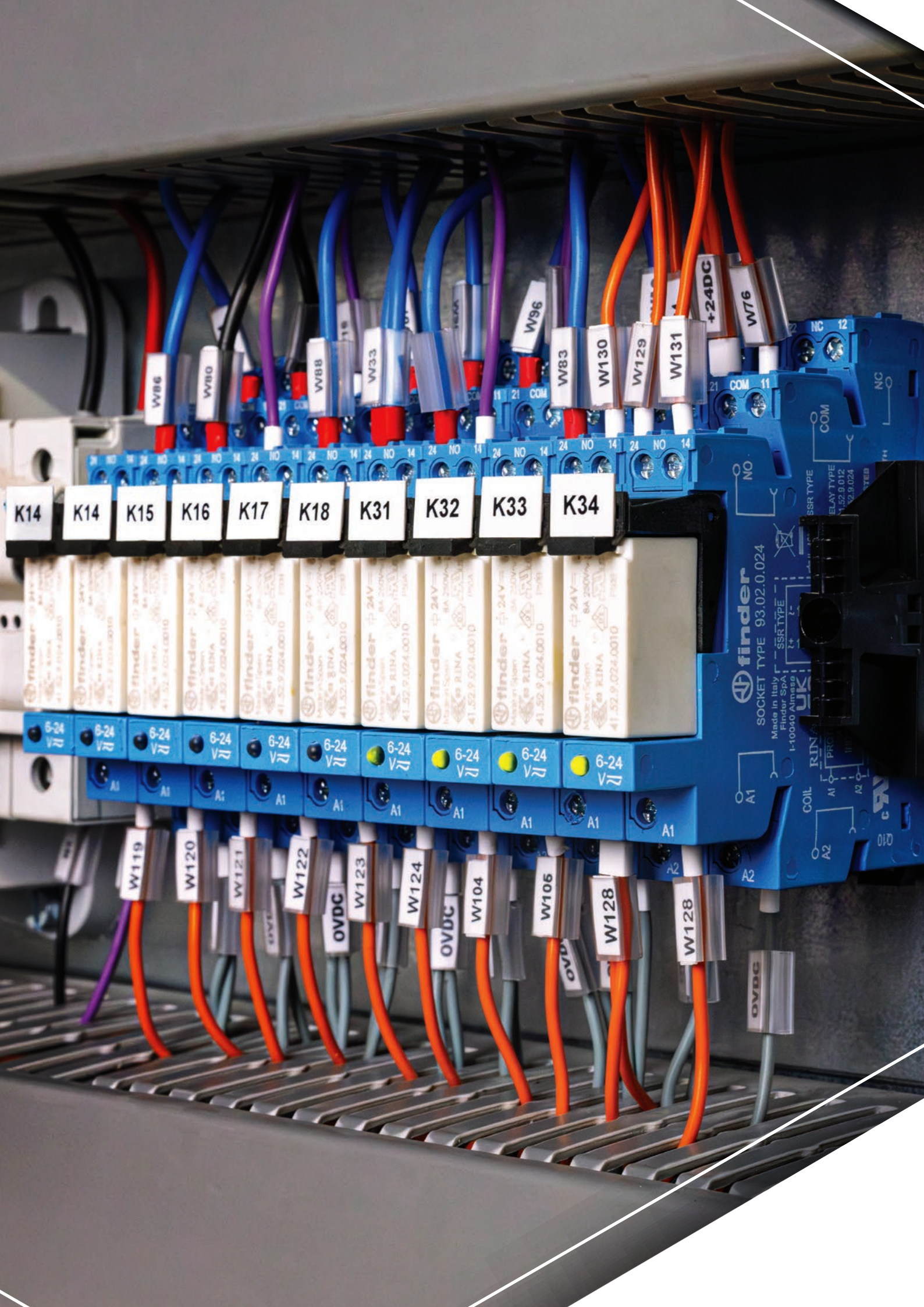
type	current (A)	colour	cable connection AWG eq. mm ²		description	pack qty	price (ea)
MC30		30A connector		(H) 41.3 x (W) 7.9 x (D) 7.9 mm			
80100-00	30A	red	AWG 12	2.5/4 mm ²	single pole connector	100	73.50
80100-02	30A	black	AWG 12	2.5/4 mm ²	single pole connector	100	73.50
80100-01	30A	white	AWG 12	2.5/4 mm ²	single pole connector	100	22.26
80100-04	30A	blue	AWG 12	2.5/4 mm ²	single pole connector	100	22.26
MC75		75A connector		(H) 81.4 x (W) 15.9 x (D) 15.9 mm			
80188-00	75A	red	AWG 6	16 mm ²	single pole connector	50	73.50
80188-02	75A	black	AWG 6	16 mm ²	single pole connector	50	73.50
80188-04	75A	white	AWG 6	16 mm ²	single pole connector	50	58.80
80188-06	75A	green	AWG 6	16 mm ²	single pole connector	50	175.35
80188-08	75A	blue	AWG 6	16 mm ²	single pole connector	50	68.25
MC120		120A connector		(H) 117.5 x (W) 22.2 x (D) 22.2 mm			
80189-00	120A	red	AWG 2	35 mm ²	single pole connector	25	164.85
80189-01	120A	black	AWG 2	35 mm ²	single pole connector	25	164.85
80189-02	120A	white	AWG 2	35 mm ²	single pole connector	25	148.05
80189-03	120A	green	AWG 2	35 mm ²	single pole connector	25	182.70
80191-00	120A	blue	AWG 2	35 mm ²	single pole connector	25	164.85
MC180		180A connector		(H) 139.7 x (W) 28.6 x (D) 28.6 mm			
80190-01	180A	red	AWG 0	50 mm ²	single pole connector	25	158.55
80190-02	180A	black	AWG 0	50 mm ²	single pole connector	25	158.55
80190-03	180A	white	AWG 0	50 mm ²	single pole connector	25	171.15
80190-04	180A	green	AWG 0	50 mm ²	single pole connector	25	1 043.70
80190-00	180A	blue	AWG 0	50 mm ²	single pole connector	25	158.55
Reduction bushings							
			from	to			
79840-00	reduction bushing		AWG 6	6 mm ²	cable reducing bushing	ea	21.53
79844-00	reduction bushing		AWG 2	16 mm ²	cable reducing bushing	ea	43.05
79846-00	reduction bushing		AWG 0	25 mm ²	cable reducing bushing	ea	37.17
79847-00	reduction bushing		AWG 0	35 mm ²	cable reducing bushing	ea	131.25

Recommended colour voltage coding:

Red: 24V - blue: 48V - green: 72V

Interlocking facility permitting multi-pole connections





K14 K14 K15 K16 K17 K18 K31 K32 K33 K34

finder 24V 8A 250VAC 41.52.9.024.0010
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finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010
finder 24V 8A 250VAC 41.52.9.024.0010

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W119 W120 W121 W122 W123 W124 W104 W105 W128 W128

OVDC OVDC OVDC OVDC OVDC OVDC OVDC OVDC OVDC OVDC

finder
SOCKET TYPE 93.02.0.024
Made in Italy
FINDER SpA
I-10040 Alghero
UK
SSR TYPE
RELAY TYPE
41.52.9.012
41.52.9.024
COIL
A1
A2
A1
A2
A1
A2
A1
A2