



6 Wiring Devices and Extension Cords

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“KVARTA” series

Time-honored classic design popular among different categories of consumers provides for installing “KVARTA” series devices in apartments, country houses, office and industrial premises.



Advantages





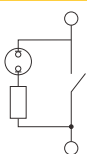


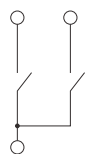


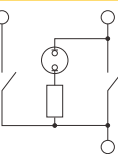


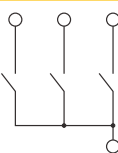


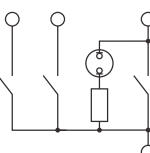


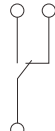





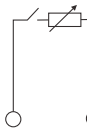




- Product range is formed taking into account market demand trends and includes a series of the most contemporary and popular positions.
- Modular installation principle provides for mounting several devices into one block.
- Mount construction allows adjusting the device both with bolts and spacer claws into junction boxes of different types.
- Internal mechanism material – non-flammable ABS-plastic.
- Female and male socket mounts are made of corrosion-resistant steel that ensures reliability and long product life.
- Switches and dimmers are manufactured in accordance with IEC 60669-1, sockets are manufactured in accordance with the manufacturer's documentation.
- New series samples have successfully undergone tests for correspondence with the international standards re-


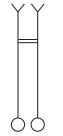


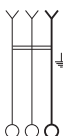





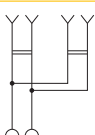


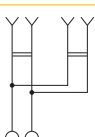


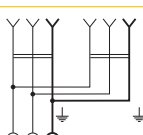


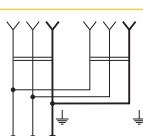


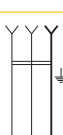


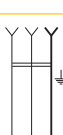

quirements that is proved by the acceptance of the customs union certificate acting on the territory of the Republic of Belarus, Kazakhstan and the Russian Federation.

Technical Features

Mounting	hidden
Color	white, beige
Rated current of switches	10 A
Rated current of female sockets	16
Type of fastening to the socket box	bolts and spacer claws
Wire retaining clamp (for copper and aluminum wires up to 2,5 mm ²)	screw-type
Distance between centers of devices at group mounting	71 mm

Range

	Electric circuit		Name	Designation	Color	Package amount, pcs.	Product ID
			Single-button switch, 10 A	VS10-1-0-KB	white	10	EVK10-K01-10-DM
				VS10-1-0-KKm	beige	10	EVK10-K33-10-DM
			Single-button switch with indicator, 10 A	VS10-1-1-KB	white	10	EVK11-K01-10-DM
				VS10-1-1-KKm	beige	10	EVK11-K33-10-DM
			Double-button switch, 10 A	VS10-2-0-KB	white	10	EVK20-K01-10-DM
				VS10-2-0-KKm	beige	10	EVK20-K33-10-DM
			Double-button switch with indicator, 10 A	VS10-2-1-KB	white	10	EVK21-K01-10-DM
				VS10-2-1-KKm	beige	10	EVK21-K33-10-DM
			Three-button switch 10A KVARTA	VS10-3-0-KB	white		EVK30-K01-10-DM
				VS10-3-0-KKm	beige		EVK30-K33-10-DM
			Three-button switch with indicator, 10 A	VS10-3-1-KB	white		EVK31-K01-10-DM
				VS10-3-1-KKm	beige		EVK31-K33-10-DM
			Single-button alternate switch, 10 A	VSp10-1-0-KB	white	10	EVK12-K01-10-DM
				VSp10-1-0-KKm	beige	10	EVK12-K33-10-DM
			Single-button push switch, 10 A	VSk10-1-0-KB	white	10	EVK13-K01-10-DM
				VSk10-1-0-KKm	beige	10	EVK13-K33-10-DM
			Turning dimmer, 25-400 W	VSR10-1-0-KB	white	8	EDK10-K01-03-DM
				VSR10-1-0-KKm	beige	8	EDK10-K33-03-DM
			Single gang female socket outlet without grounding contact and protective shutter, 10 A	RS10-2-KB	white	10	ERK13-K01-10-DM
				RS10-2-KKm	beige	10	ERK13-K33-10-DM

	Electric circuit		Name	Designation	Color	Package amount, pcs.	Product ID
			Single gang female socket outlet without grounding contact with protective shutter, 10 A	RSsh10-2-KB	white	10	ERK10-K01-10-DM
				RSsh10-2-KKm	beige	10	ERK10-K33-10-DM
			Single gang female socket outlet with grounding contact without protective shutter, 16 A	RS10-3-KB	white	10	ERK14-K01-16-DM
				RS10-3-KKm	beige	10	ERK14-K33-16-DM
			Single gang female socket outlet with grounding contact and protective shutter, 16 A	RSsh10-3-KB	white	10	ERK11-K01-16-DM
				RSsh10-3-KKm	beige	10	ERK11-K33-16-DM
			Double gang female socket outlet without grounding contact and protective shutter, 10 A	RS12-2-KB	white	8	ERK23-K01-10-DM
				RS12-2-KKm	beige	8	ERK23-K33-10-DM
			Double gang female socket outlet without grounding contact with protective shutter, 10 A	RSsh12-2-KB	white	9	ERK20-K01-10-DM
				RSsh12-2-KKm	beige	9	ERK20-K33-10-DM
			Double gang female socket outlet with grounding contact without protective shutter, 10 A	RS12-3-KB	white	8	ERK24-K01-16-DM
				RS12-3-KKm	beige	8	ERK24-K33-16-DM
			Double gang female socket outlet with grounding contact and protective shutter, 16 A	RSsh12-3-KB	white	8	ERK21-K01-16-DM
				RSsh12-3-KKm	beige	8	ERK21-K33-16-DM
			Single gang female socket outlet with grounding contact and cover, 16 A	RSb10-3-KB	white	8	ERK15-K01-16-DM
				RSb10-3-KKm	beige	8	ERK15-K33-16-DM
			Single gang female socket outlet with grounding contact and protective shutter with cover, 16 A	RSbsh10-3-KB	white	8	ERK12-K01-16-DM
				RSbsh10-3-KKm	beige	8	ERK12-K33-16-DM

		Name	Designation	Color	Package amount, pcs.	Product ID
		Single gang telephone socket	RT10-KB	white	10	ETK10-K01-DM
			RT10-KKm	beige	10	ETK10-K33-DM
		Double gang telephone socket	RT12-KB	white	10	ETK20-K01-DM
			RT12-KKm	beige	10	ETK20-K33-DM
		Single gang PC socket	RK10-KB	white	10	EKK10-K01-DM
			RK10-KKm	beige	10	EKK10-K33-DM
		Double gang PC and telephone socket	RK/T12-KB	white	10	EIK10-K01-DM
			RK/T12-KKm	beige	10	EIK10-K33-DM
		Single gang TV socket	RTV10-KB	white	10	EAK10-K01-DM
			RTV10-KKm	beige	10	EAK10-K33-DM
		Double horizontal frame	RG-2-KB	white	38	EMK20-K01-DM
			RG-2-KKm	beige	38	EMK20-K33-DM
		Triple horizontal frame	RG-3-KB	white	25	EMK30-K01-DM
			RG-3-KKm	beige	25	EMK30-K33-DM
		Quadruple horizontal frame	RG-4-KB	white	19	EMK40-K01-DM
			RG-4-KKm	beige	19	EMK40-K33-DM
		Double vertical frame	RV-2-KB	white	38	EMK21-K01-DM
			RV-2-KKm	beige	38	EMK21-K33-DM
		Triple vertical frame	RV-3-KB	white	25	EMK31-K01-DM
			RV-3-KKm	beige	25	EMK31-K33-DM
		Quadruple vertical frame	RV-4-KB	white	19	EMK41-K01-DM
			RV-4-KKm	beige	19	EMK41-K33-DM

“OKTAVA” series

Universal open installation design of “OKTAVA” series allows mounting these devices in apartments, country houses, office and industrial premises.



Advantages





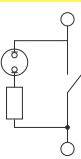


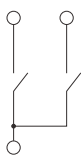


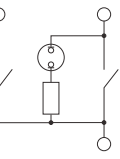


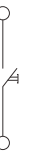










- Product range is formed taking into account market demand trends and includes a series of the most contemporary and popular positions.
- Compact construction allows installing them on any surface.
- Convenient cable mounting through the die-fixed conductor lead-ins located on the socket and switch body base.
- Electrically safe base made of heat-resistant ABS-plastic.
- Switches and dimmers are manufactured in accordance with IEC 60669-1, sockets are manufactured in accordance with the manufacturer's documentation.
- New series samples have successfully undergone tests for correspondence with the international standards re-

quirements that is proved by the acceptance of the customs union certificate acting on the territory of the Republic of Belarus, Kazakhstan and the Russian Federation.


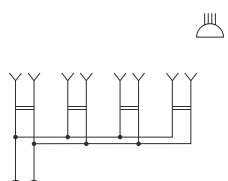

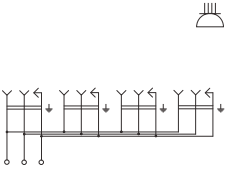

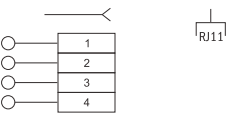

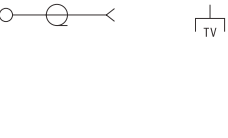
Technical Features

Mounting	open
Color	white, beige
Rated current of switches	10 A
Rated current of female sockets	16 A
Ambient environment protection degree	IP20
Wire retaining clamp (for copper and aluminum wires up to 2,5 mm ²)	screw-type

Range

	Electric circuit	Name	Designation	Color	Package amount, pcs.	Product ID
		 Single-button switch, 10 A	VS20-1-0-OB	white	36	EV010-K01-10-DC
			VS20-1-0-OKm	beige	36	EV010-K33-10-DC
			VS20-1-0-OC	pine	36	EV010-K03-10-DC
			VS20-1-0-OD	oak	36	EV010-K04-10-DC
		 Single-button switch with indicator, 10 A	VS20-1-1-OB	white	36	EV011-K01-10-DC
			VS20-1-1-OKm	beige	36	EV011-K33-10-DC
			VS20-1-1-OC	pine	36	EV011-K03-10-DC
			VS20-1-1-OD	oak	36	EV011-K04-10-DC
		 Double-button switch, 10 A	VS20-2-0-OB	white	36	EV020-K01-10-DC
			VS20-2-0-OKm	beige	36	EV020-K33-10-DC
			VS20-2-0-OC	pine	36	EV020-K03-10-DC
			VS20-2-0-OD	oak	36	EV020-K04-10-DC
		 Double-button switch with indicator, 10 A	VS20-2-1-OB	white	36	EV021-K01-10-DC
			VS20-2-1-OKm	beige	36	EV021-K33-10-DC
			VS20-2-1-OC	pine	36	EV021-K03-10-DC
			VS20-2-1-OD	oak	36	EV021-K04-10-DC
		 Single-button push switch, 10 A	VSk20-1-0-OB	white	36	EV013-K01-10-DC
			VSk20-1-0-OKm	beige	36	EV013-K33-10-DC
		 Single gang female socket outlet without grounding contact with protective shutter, 10 A	RSsh20-2-OB	white	36	ER010-K01-10-DC
			RSsh20-2-OKm	beige	36	ER010-K33-10-DC
			RS20-2-OC	pine	36	ER010-K03-10-DC
			RS20-2-OD	oak	36	ER010-K04-10-DC
		 Single gang female socket outlet without grounding contact with protective shutter, 10 A	RSsh20-2-OB	white	36	ER013-K01-10-DC
			RSsh20-2-OKm	beige	36	ER013-K33-10-DC
			RSsh20-2-OC	pine	36	ER013-K03-10-DC
			RSsh20-2-OD	oak	36	ER013-K04-10-DC
		 Single gang female socket outlet with grounding contact, 10 A	RS20-3-OB	white	30	ER011-K01-16-DC
			RS20-3-OKm	beige	30	ER011-K33-16-DC
			RS20-3-OC	pine	30	ER011-K03-16-DC
			RS20-3-OD	oak	30	ER011-K04-16-DC

	Electric circuit	Name	Designation	Color	Package amount, pcs.	Product ID
		Single gang female socket outlet with grounding contact and protective shutter, 16 A	RSsh20-3-OB	white	30	ER014-K01-16-DC
			RSsh20-3-OKm	beige	30	ER014-K33-16-DC
			RSSH20-3-OS	pine	30	ER014-K03-16-DC
			RSSH20-3-OD	oak	30	ER014-K04-16-DC
		Double gang female socket outlet without grounding contact, 10 A	RS22-2-OB	white	24	ER020-K01-10-DC
			RS22-2-OKm	beige	24	ER020-K33-10-DC
			RS22-2-OS	pine	24	ER020-K03-10-DC
			RS22-2-OD	oak	24	ER020-K04-10-DC
		Double gang female socket outlet without grounding contact with protective shutter, 10 A	RSsh22-2-OB	white	24	ER023-K01-10-DC
			RSsh22-2-OKm	beige	24	ER023-K33-10-DC
			RSSH22-2-OS	pine	24	ER023-K03-10-DC
			RSSH22-2-OD	oak	24	ER023-K04-10-DC
		Double gang female socket outlet with grounding contact, 16 A	RS22-3-OB	white	18	ER021-K01-16-DC
			RS22-3-OKm	beige	18	ER021-K33-16-DC
			RS22-3-OS	pine	18	ER021-K03-16-DC
			RS22-3-OD	oak	18	ER021-K04-16-DC
		Double gang female socket outlet with grounding contact and protective shutter, 16 A	RSsh22-3-OB	white	18	ER024-K01-16-DC
			RSsh22-3-OKm	beige	18	ER024-K33-16-DC
			RSSH22-3-OS	pine	18	ER024-K03-16-DC
			RSSH22-3-OD	oak	18	ER024-K04-16-DC
		3 gang socket without grounding contact 10 A	PC23-2-OB	white	24	ER030-K01-10-DC
			PC23-2-OK	beige	24	ER030-K33-10-DC
		3 gang socket with grounding contact 16 A	PC23-3-OB	white	20	ER031-K01-16-DC
			PC23-3-OK	beige	20	ER031-K33-16-DC
			RS23-3-OS	pine	20	ER031-K03-16-DC
			RS23-3-OD	oak	20	ER031-K04-16-DC

	Electrical diagram	Description	Designation	Color	Package qty, pcs.	Product ID
		4 gang socket without grounding contact 10 A	RS24-2-OB	white	16	ER040-K01-10-DC
			RS24-2-OK	beige	16	ER040-K33-10-DC
		4 gang socket with grounding contact 16 A	RS24-3-OB	white	12	ER041-K01-16-DC
			RS24-3-OK	beige	12	ER041-K33-16-DC
			RS24-3-OS	pine	12	ER041-K03-16-DC
			RS24-3-OD	oak	12	ER041-K04-16-DC
		Single gang telephone socket	RT20-OB	white	36	ET010-K01-DC
			RT20-OKm	beige	36	ET010-K33-DC
		Single gang TV socket	RTV20-OB	white	36	EA010-K01-DC
			RTV20-OKm	beige	36	EA010-K33-DC

Color Solutions



White



Beige



Pine



Oak

“GERMES PLUS” series, IP54

Switches and female sockets of “GERMES PLUS” series can be used in damp and dusty premises as well as under cover in the open air.



Advantages

- “GERMES PLUS” series supplements and widens the range of moisture-proof wiring devices at the expense of introducing the most expanded proposal of horizontal and vertical blocks and the most popular socket and switch models.
- Flexible glands ensure convenient input of cables having different size.
- Electrically safe mount made of thermal resistant PC-plastic.
- Body material - non-flammable ABS-plastic.
- Two color variants provide for easy selection of products for various interior solutions.
- Connector ensures the possibility of assembling multi-post constructions.
- Switches and dimmers are manufactured in accordance with IEC 60669-1, sockets are manufactured in accordance with the manufacturer's documentation.
- New series samples have successfully undergone tests

for correspondence with the international standards requirements that is proved by the acceptance of the customs union certificate acting on the territory of the Republic of Belarus, Kazakhstan and the Russian Federation.

Technical Features

Mounting	open
Color	white, smoky
Protection degree	IP54
Rated current of switches	10 A
Rated current of female sockets	16 A
Wire retaining clamp (for copper and aluminum wires up to 2,5 mm ²)	screw-type

Range

	Electric circuit	Name	Designation	Cover/button color	Package amount, pcs.	Product ID
		 Vertical block – single-button switch and female socket with grounding contact and cover, for open installation	BVb-22-31-GPBb	white/white	5	EBVMP20-K01-31-54-EC
			BVb-22-31-GPBd	white/smoky	5	EBVMP20-K03-31-54-EC
		 Vertical block – double-button switch and female socket with grounding contact and cover, for open installation	BVb-22-32-GPBb	white/white	5	EBVMP20-K01-32-54-EC
			BVb-22-32-GPBd	white/smoky	5	EBVMP20-K03-32-54-EC
		 Horizontal block – single-button switch and female socket with grounding contact and cover, for open installation	BGb-22-31-GPBb	white/white	5	EBGMP20-K01-31-54-EC
			BGb-22-31-GPBd	white/smoky	5	EBGMP20-K03-31-54-EC
		 Horizontal block – double-button switch and female socket with grounding contact and cover, for open installation	BGb-22-32-GPBb	white/white	5	EBGMP20-K01-32-54-EC
			BGb-22-32-GPBd	white/smoky	5	EBGMP20-K03-32-54-EC
		 Single-button switch for open installation	VS20-1-0-GPB	white	10	EVMP10-K01-10-54-EC
		 Single-button switch with indication for open installation	VS20-1-1-GPB	white	10	EVMP11-K01-10-54-EC

	Electric circuit		Name	Designation	Cover/ button color	Package amount, pcs.	Product ID
			Double-button switch with indication for open installation	VS20-2-0-GPB	white	10	EVMP20-K01-10-54-EC
			Single-button push switch for open installation	VSk20-1-0-GPB	white	10	EVMP13-K01-10-54-EC
			Single-button alternate switch for open installation	VSp20-1-0-GPB	white	10	EVMP12-K01-10-54-EC
			Single gang female socket outlet for open installation with grounding contact and cover	RSb20-3-GPBb	white/white	10	ERMP12-K01-16-54-EC
				RSb20-3-GPBd	white/smoky	10	ERMP12-K03-16-54-EC
			Double gang female socket outlet for open installation with grounding contact and cover	RSb22-3-GPBb	white/white	5	ERMP22-K01-16-54-EC
				RSb22-3-GPBd	white/smoky	5	ERMP22-K03-16-54-EC
			3 gang socket with grounding contact, cover, surface-mounted	RSb23-3-GPBb	white/white	4	ERMP32-K01-16-54-EC
				RSb23-3-GPBd	white/smoky	4	ERMP32-K03-16-54-EC
			4-gang socket with grounding contact, cover, surface-mounted	RSb24-3-GPBb	white/white	4	ERMP42-K01-16-54-EC
				RSb24-3-GPBd	white/smoky	4	ERMP42-K03-16-54-EC
			Vertical connector	KV-22	white	25	EBMP20-K01

Series FORS, IP54

Series of IP54 surface-mounted electrical devices.
Switches and sockets of FORS series IP54 are designed for rooms with high humidity and dust content: basements, garages, workshops. The design of the switches and sockets of this series allows them to match perfectly to industrial interior.







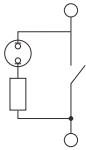








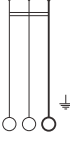


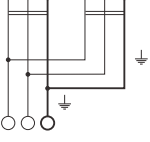

Advantages

- Modern industrial design.
- Dirt-proof, rough-finished (sharkskin) surface of bodies and buttons.
- According to GOST, all items are fitted with rests on back side and drain hole.
- Upper and lower glands for different cable diameters.
- Large internal space for easy and reliable connection of wiring.
- Screws and springs of hinged cover are made from stainless steel.
- Sockets with protective shutters.
- Endurance for sockets is at least 5000 on-off cycles, for switches – at least 40,000 on-off cycles.

Technical Features

Mounting	surface
Body material	PP plastic
Mechanism material	glass-nylon composite
Body color	grey
Color of buttons and covers	black
Degree of protection	IP54
Switch rated current	10 A
Socket rated current	16 A
Clamp for wires (up to 2.5 mm ²)	screw

Range

	Electric circuit	Name	Package amount, pcs.	Product ID
		 Single-button switch for open installation, 10 A/250 V \approx VS20-1-0-FSr	10	EVS10-K03-10-54-Dc
		 Single-button switch with light indicator for open installation, 10 A/250 V \approx VS20-1-1-FSr	10	EVS11-K03-10-54-Dc
		 Push switch with light indicator for open installation, 10 A/250 V \approx VSk20-1-0-FSr	10	EVS13-K03-10-54-Dc
		 Double-button switch for open installation, 10 A/250 V \approx VS20-2-0-FSr	10	EVS20-K03-10-54-Dc
		 Single gang female socket outlet for open installation with grounding contact and cover, 16 A/250 V \approx RSb20-3-FSr	10	ERS12-K03-16-54-Dc
		 Double gang female socket outlet for open installation with grounding contact and cover, 16 A/250 V \approx RSb22-3-FSr	5	ERS22-K03-16-54-Dc

BRIX series

Switches and sockets of BRIX series are designed for surface-mounted wiring.



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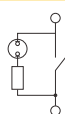





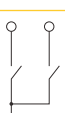


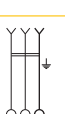





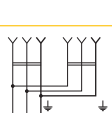

Advantages


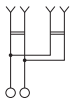


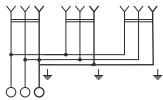


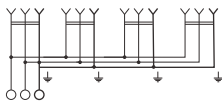


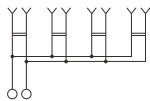

- Endurance for switches is at least 40,000 on-off cycles, for sockets – 5000 on-off cycles.
- Resistance to increased temperatures and flame.
- Heat-resistant base and front panel.
- Mounting is possible on surface of any type.
- The cables are easily inserted through pre-stamped wiring entries on four sides of the switch or socket body base.
- Degree of protection IP20.
- The socket assembly is made from high-resilient phosphor bronze.
- Sockets with protective shutters.

Technical characteristics

Mounting	surface
Base material	ABS plastic
Mechanism base material	glass-nylon composite
Body color	white, brown
Degree of protection	IP20
Switch rated current	10 A
Socket rated current	16 A

Products' range

	Electrical diagram	Description	Color	Package qty, pcs.	Product ID
		 Single-button switch, surface-mounted 10 A/250 V~			
		VS20-1-0-BB	white	10	EVb10-K01-10-Dc
		VS20-1-0-BK	brown	10	EVb10-K30-10-Dc
		 Single-button switch with light indicator, surface-mounted 10 A/250 V~			
		VS20-1-1-BB	white	10	EVb11-K01-10-Dc
		VS20-1-1-BK	brown	10	EVb11-K30-10-Dc
		 Push-button switch, surface-mounted 10 A/250 V~			
		VSk20-1-0-BB	white	10	EVb13-K01-10-Dc
		VSk20-1-0-BK	brown	10	EVb13-K01-30-Dc
		 Two-button switch, surface-mounted 10 A/250 V~			
		VS20-2-0-BB	white	10	EVb20-K01-10-Dc
		VS20-2-0-BK	brown	10	EVb20-K01-30-Dc
		 One gang socket with grounding contact, surface-mounted 16 A/250 V~			
		RS20-3-BB	white	10	ERb11-K01-16-Dc
		RS20-3-BK	brown	10	ERb11-K30-16-Dc
		 One gang socket without grounding contact, surface-mounted 10 A/250 V~			
		RS20-2-BB	white	10	ERb10-K01-10-Dc
		RS20-2-BK	brown	10	ERb10-K30-10-Dc
		 Two gang socket with grounding contact, surface-mounted 16 A/250 V~			
		RS22-3-BB	white	10	ERb21-K01-16-Dc
		RS22-3-BK	brown	10	ERb21-K30-16-Dc

	Electrical diagram	Description	Color	Package qty, pcs.	Product ID
		 Two gang socket without grounding contact, surface-mounted 10 A/250 V~			
		RS22-2-BB	white	10	ERB20-K01-10-Dc
		RS22-2-BK	brown	10	ERB20-K30-10-Dc
		 Three gang socket with grounding contact, surface-mounted 16 A/250 V~			
		RS23-3-BB	white	10	ERB31-K01-16-Dc
		RS23-3-BK	brown	10	ERB31-K30-16-Dc
		 Four gang socket with grounding contact, surface-mounted 16 A/250 V~			
		RS24-3-BB	white	10	ERB41-K01-16-Dc
		RS24-3-BK	brown	10	ERB41-K30-16-Dc
		 Four gang socket without grounding contact, surface-mounted 10 A/250 V~			
		RS24-2-BB	white	10	ERB40-K01-10-Dc
		RS24-2-BK	brown	10	ERB40-K30-10-Dc

Color variants



White



Brown

Rubber plug-and-socket connectors, IP44

Rubber connectors are intended for using under complex exploitation conditions and are widely applied in manufacturing, construction and machine engineering areas. They are easily mounted, are notable for high reliability and long service life.



Features and advantages

- Range includes the most popular marketed models.
- All devices have a drip-proof black rubber body.
- High insulation and wear-proof characteristics ensure long service life.
- Ribs on the body prevent hand slipping when taking the male plug out of the socket.
- Additional molding ensures secure plug fixation and prevents moisture ingress.
- Devices are completed with special cable lead-in glands suitable for conductors of different size.
- All goods correspond to the requirements of IEC 60884-1.

Technical Features

Mounting	open
Color	black
Rated current of switches	10 A
Rated current of female sockets	16 A
Protection degree	IP44
Number of terminals	3
Temperature operating range	–25 ... +50 °C

Range

	Name	Designation	Package amount, pcs.	Product ID
	Straight plug	VBp3-1-0m	180	PKR01-016-2-K02
	Side input plug	VBu3-1-0m	180	PKR01-U-016-2-K02
	Wall socket with protective shutter	RB13-1-0m	120	PKR11-016-2-K02
	Portable socket with protective shutter	RBp13-1-0m	120	PKR21-016-2-K02
	Two gang socket (strip) with protective covers	RB32-1-0m	10	PKR62-016-2-K02
	Three gang socket (strip) with protective covers	RB33-1-0m	36	PKR61-016-2-K02
	Four gang socket (strip) with protective covers	RB34-1-0m	6	PKR64-016-2-K02

Extension cords with protective covers

Extension cords are essential when performing construction and maintenance works. Bright color draws attention, easily noticeable in dusty and dark places.






Features and advantages

- Essential in dusty conditions.
- Owing to the bright color, they are easily noticeable in dusty and dark places that provides for avoiding accidental damaging or breaking the device down.
- Spring-pressed shutter securely covers the socket from dust, dirt and moisture.
- Covers protects the contact block from corrosion and damage.
- Polymer materials used in body details adjacent to the conducting elements self-extinguish at 650 °C within 30 seconds.
- Anti-rupture detail at the cable lead-in.
- Reinforced double insulation of flexible cable.
- Molded plug of the form ensuring tight connection with the body.

Technical Features

Body material	PPR
Contact block details material	latten alloy
Cable brand	PVS
Protection degree	IP44
Exploitation conditions	from –10 to +40 °C
Maximum operating voltage	250 V AC
Maximum load	3,5 kW
Cable size	3×1 mm ²
Supplying circuit frequency	50 Hz
Permitted total current	16 A
Color	orange

Range



	Name	Number of sockets	Length, m	Package amount, pcs.	Product ID
	U04V extension cord with protective covers 2P+PE	4	5	5	WYP10-16-04-05-44 - N
	U05V extension cord with protective covers 2P+PE	5	5	5	WYP10-16-05-05-44 - N
	U06V extension cord with protective covers 2P+PE	6	5	5	WYP10-16-06-05-44 - N

Portable cords with socket and plug, extension cords on frame

Portable cords with socket and plug and extension cords on frame are indispensable in cottages, garages, during construction works in a house. Bright color makes the cable well visible in grass and on terrain with complex relief.



Range

	Description	Length, m	Conductor cross-section, mm ²		Package qty, pcs.		Product ID
	USh-01RV cord with round plug and socket 2P+PE	5	3×1,0		10		WUP10-05-K09 - N
	USh-01RV cord with round plug and socket 2P+PE	10	3×1,0		8		WUP10-10-K09 - N
	USh-01RV cord with round plug and socket 2P+PE	20	3×1,0		6		WUP10-20-K09 - N
	Description	Length, m	Conductor cross-section, mm ²	Maximum load, W coiled cable uncoiled cable	Grounding	Package qty, pcs.	Product ID
	Extension cord on frame UR 10	10	2×0,75	650 1300	нет	2	WKF20-06-01-10
	Extension cord on frame UR 20	20	2×0,75	650 1300	нет	2	WKF20-06-01-20
	Extension cord on frame UR 30	30	2×0,75	650 1300	нет	2	WKF20-06-01-30
	Extension cord on frame UR 30	30	3×1,00	1100 2200	есть	2	WKF14-10-01-30
	Extension cord on frame UR 40	40	3×1,00	1100 2200	есть	2	WKF14-10-01-40
	Extension cord on frame UR 50	50	3×1,00	1100 2200	есть	2	WKF14-10-01-50

Features and advantages

- Bright orange color is easy to notice.
- Double cable insulation sustains multi-bending, protects from disruptive discharge and electric shock.
- Molded round plug is durable in exploitation.
- Cord length is calculated in such a way that it could be easily applied at home, in the office or at construction site.
- Ensures tight connection with the plug, any cord bending radius, resistance to weather impact and temperature extremes..

Technical Features





Cable brand	PVS
Conductor cross-section	3×1.0 mm ²
Maximum load	2.2 kW
Rated current	16 A
Rated voltage	250 V
Cord color	orange, black

Cords with switch and flat plug

These cords allow changing old worn out or damaged wires, revitalize you sweet devices.



Range

	Name	Length, m	Package amount, pcs.	Product ID
	USh1KV cord with flat plug and switch 2P	2	100	WUP20-02-K01
	USh1KV cord with flat plug and switch 2P	2	100	WUP20-02-K02
	VB-01B single-button switch, dismountable, for sconce, white IEK		50	EVB10-K01-10
	VB-01Ch single-button switch, dismountable, for sconce, black IEK		50	EVB10-K02-10

Features and advantages

- Cord can be used for domestic or manufacturing needs.
- Cord is supplied with a switch for exploitation convenience.
- It is easy to install the cord using elementary driver handling experience without resort to workshop service.
- Provides for transforming stationary device into portable one.
- Plug will suit any socket type (European and Russian standards)

Technical Features

Cable brand	PVS
Cable size	2×0,75 mm ²
Maximum load	1,2 kW
Rated current	6 A
Rated voltage	230 V
Cord color	white

Household extensions

These extensions are intended for household purposes, in offices or a country house for connecting various electric equipment (household appliances, industrial instruments etc.).

Different variants of plugs and sockets (flat or round, with or without grounding) in the amount from 2 to 6 female sockets provide for connecting any electric units with capacity up to 3500 W.













Advantages











- Body is made of electrically safe self-extinguishing plastic. Do not lose color or fade with time, crack or split under mechanical stress.
- Socket construction allows connecting both flat and round male plugs.
- Extension cords have non-crackable cladding with double insulation resistant to deformation under temperatures up to +70 °C.
- Copper stranded conductors ensuring boosted flexibility.
- Switch provides for disconnecting electric units not taking the plug out of the socket.

Technical Features

Body material	PPR
Cable brand	PVS
Contact block details material	latten alloy
Exploitation conditions	from –10 to +40 °C
Maximum operating voltage	250 VAC
Supplying circuit frequency	50 Hz
Permitted total current	16 A
Color	white

Range

	Name	Number of sockets	Length, m	Package amount, pcs.	Product ID
	U02 extension cord without switch	2	2	15	WYP10-16-02-02-Z - N
		2	3	15	WYP10-16-02-03-Z - N
		2	5	10	WYP10-16-02-05-Z - N
	U03 extension cord without switch	3	2	14	WYP10-16-03-02-Z - N
		3	3	12	WYP10-16-03-03-Z - N
		3	5	12	WYP10-16-03-05-Z - N
	U04 extension cord without switch	4	2	14	WYP10-16-04-02-Z - N
		4	3	14	WYP10-16-04-03-Z - N
		4	5	10	WYP10-16-04-05-Z - N
	U05 extension cord without switch	5	3	8	WYP10-16-05-03-Z - N
		5	5	8	WYP10-16-05-05-Z - N
	U06 extension cord without switch	6	3	6	WYP10-16-06-03-Z - N
		6	5	6	WYP10-16-06-05-Z - N
	U2 extension cord without switch	2	2	15	WYP10-06-02-02 - N
		2	3	15	WYP10-06-02-03 - N
		2	5	10	WYP10-06-02-05 - N
	U3 extension cord without switch	3	2	14	WYP10-06-03-02 - N
		3	3	12	WYP10-06-03-03 - N
		3	5	12	WYP10-06-03-05 - N
	U4 extension cord without switch	4	2	14	WYP10-06-04-02 - N
		4	3	14	WYP10-06-04-03 - N
		4	5	10	WYP10-06-04-05 - N
	U5 extension cord without switch	5	3	8	WYP10-06-05-03 - N
		5	5	8	WYP10-06-05-05 - N
	U6 extension cord without switch	6	3	6	WYP10-06-06-03 - N
		6	5	6	WYP10-06-06-05 - N

	Name	Number of sockets	Length, m	Package amount, pcs.	Product ID
	U02K extension cord with switch	2	2	12	WYP10-16-02-02-ZK
		2	3	12	WYP10-16-02-03-ZK
		2	5	10	WYP10-16-02-05-ZK
	U03K extension cord with switch	3	2	14	WYP10-16-03-02-ZK
		3	3	14	WYP10-16-03-03-ZK
		3	5	10	WYP10-16-03-05-ZK
	U04K extension cord with switch	4	2	8	WYP10-16-04-02-ZK
		4	3	8	WYP10-16-04-03-ZK
		4	5	8	WYP10-16-04-05-ZK
	U05K extension cord with switch	5	3	6	WYP10-16-05-03-ZK
		5	5	6	WYP10-16-05-05-ZK
	U06K extension cord with switch	6	3	6	WYP10-16-06-03-ZK
		6	5	6	WYP10-16-06-05-ZK
	U3K extension cord with switch	3	3	14	WYP10-06-03-03-K
		3	5	10	WYP10-06-03-05-K
	U4K extension cord with switch	4	3	8	WYP10-06-04-03-K
		4	5	8	WYP10-06-04-05-K
	U5K extension cord with switch	5	3	6	WYP10-06-05-03-K
		5	5	6	WYP10-06-05-05-K
	U6K extension cord with switch	6	3	6	WYP10-06-06-03-K
		6	5	6	WYP10-06-06-05-K
	U-S03K extension cord with switch	3	3	10	WYP30-16-03-03-ZK
		3	5	10	WYP30-16-03-05-ZK

Household extension cords and power strips of CLASSIC series

Designed for use for household purposes, in offices, country houses for connection of various electrical devices (household appliances, industrial tools, etc.).



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Features and advantages

- The socket strips of extension cords are featured by original design, made from non-combustible glossy ABS plastic of white color, resistant to mechanical damage.
- The contact group bars have additional insulation, grounding contacts are chromium-plated.
- The backlighted switch button is installed flush with the socket strip body to avoid accidental de-energizing of a device.
- Flexible double-insulated PVS cable of size 3x1.0 mm² is fitted with not detachable molded plug with anti-bending element.
- All extension cords and strips are packed in thick individual bag with euroslot, design of which fits perfectly to retail points.

Technical characteristics

Body material	glossy ABS plastic
Wire type	PVS
Material of contact group parts	brass
Operation conditions	-10°C to +40°C
Maximum operating voltage	250 V
Mains frequency	50 Hz
Allowed total current	16 A
Color	white

Products' range

	Description	No. of sockets	Length, m	Package qty., pcs	Product ID
Extension cords					
	U02V extension cord with switch	2	1,5	20	WYP11-16-02-02-ZK
		2	3	18	WYP11-16-02-03-ZK
		2	5	16	WYP11-16-02-05-ZK
	U03V extension cord with switch	3	1,5	18	WYP11-16-03-02-ZK
		3	3	16	WYP11-16-03-03-ZK
		3	5	14	WYP11-16-03-05-ZK
	U04V extension cord with switch	4	1,5	15	WYP11-16-04-02-ZK
		4	3	14	WYP11-16-04-03-ZK
		4	5	10	WYP11-16-04-05-ZK
	U06V extension cord with switch	6	1,5	10	WYP11-16-06-02-ZK
		6	3	10	WYP11-16-06-03-ZK
		6	5	8	WYP11-16-06-05-ZK
	U02 extension cord without switch	2	1,5	19	WYP11-16-02-02-Z
		2	3	18	WYP11-16-02-03-Z
		2	5	16	WYP11-16-02-05-Z
	U03 extension cord without switch	3	1,5	17	WYP11-16-03-02-Z
		3	3	17	WYP11-16-03-03-Z
		3	5	14	WYP11-16-03-05-Z
	U04 extension cord without switch	4	1,5	15	WYP11-16-04-02-Z
		4	3	13	WYP11-16-04-03-Z
		4	5	10	WYP11-16-04-05-Z
Strips					
	K02 strip without switch	2		45	KYP11-16-02-00-Z
	K03 strip without switch	3		38	KYP11-16-03-00-Z
	K04 strip without switch	4		32	KYP11-16-04-00-Z
	K02V strip with switch	2		42	KYP11-16-02-00-ZK
	K03V strip with switch	3		30	KYP11-16-03-00-ZK
	K04V strip with switch	4		25	KYP11-16-04-00-ZK
	K06V strip with switch	6		15	KYP11-16-06-00-ZK





Adapters

Adapters are intended for connecting several electric units having cords with a round or flat male plug to a stationary single gang female socket.



Range

	Name	Number of sockets	Max. load, kW	Package amount, pcs.		Product ID
				multiple	transport	
	Table tap T-01/01-2	1 round + 2 flat	3,5	50	200	WTP10-16-21
	Table tap T-01/02	2 round	3,5	50	200	WTP10-16-02

Features and advantages





- Ensure slid crimping of connected plugs at the expense of elastic plates of the adapter's contact block.
 - Plastic material ensures sustainable insulation of conducting parts.
- Nice appearance and contemporary design.
 - Do not fade or crack under atmospheric factors.
 - Possible various combinations of socket groups suitable for any standard.

Power filters

These devices protect expensive and sensitive electric units from voltage surges and overloads (accounting and business machinery, audio and video equipment, household appliances). Using the power filters provides for boosting electrical and fire safety at the expense of timely switching the devices off. They also help to boost anti-jam protection of electric lines. Power filters are especially efficient for installing at working place with a PC equipped with additional peripheral devices.



Range

	Name	Number of sockets	Length, m	Package amount, pcs.	Product ID
	SF-03K power filter	3	1,5	6	WFP10-16-03-01 - N
	SF-05K power filter	5	1,5	5	WFP10-16-05-01 - N
	SF-05K power filter	5	3	5	WFP10-16-05-03 - N
	SF-05K power filter	5	5	5	WFP10-16-05-05 - N

Features and advantages

- The power supply filter includes a switch with light indication of mains status.
- The power supply filter is provided with varistor protection against pulse noise, protection against overload and short-circuit current.
- The body material is shock-proof non-combustible plastic.

Technical Features

Material	PPR
Cable brand	PVS
Main voltage	250
Supplying circuit frequency	50 Hz
Max. load current	16 A
Total power of load	3,5 kW
Max. dissipation energy	125 J
Max. surge current	5 kA
Suppress interference frequency range	100 kHz – 100 mHz
Interference suppression range	10–15 dB
Cable size	3×1 mm ²
Operating temperature range	–10...+40 °C

Extension cable reels

Using an extension cable reel it is easy to connect remote electrical units having cords with flat or round male plug and located at a distance up to 50 m from the fixed outlet. They are indispensable at construction sites, gardens, film set, amusement parks, in industry or for household purposes.



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Features and advantages


- Thermal relay protects from overload above maximum permitted value of connected load.
- Rubberized insulating handle ensures safe and convenient use.
- Closed frame made from steel tube.
- All extension cables are fitted with molded plugs of same color.
- Yellow cable can be seen very good in dusty environment of construction site.
- All technical information necessary for use of extension cable reel is placed on the reel front side and label.
- The PROFESSIONAL series with metal reels is featured by

KG cable and protection degree IP44

Technical Features

Wire type	PVS, KG
Conductor cross-section	0.75; 1.00; 1.50; 2.50 mm ²
Plug pin diameter	4.8 mm

Products' range

	Description	Length, m	Grounding	Conductor cross-section, mm ²	Maximum load, kW		Degree of protection	Package qty, pcs.	Product ID
					coiled cable	uncoiled cable			
GARDEN series									
	UK10 portable reel	10	none	2×0,75	650	1300	IP20	10	WKP23-06-04-10
	UK20 portable reel	20	none	2×0,75	650	1300	IP20	1	WKP23-06-04-20
	UK30 portable reel	30	none	2×0,75	650	1300	IP20	1	WKP23-06-04-30
	UK40 portable reel	40	none	2×1,00	1100	2200	IP20	1	WKP23-10-04-40
	UK50 portable reel	50	none	3×1,00	1100	2200	IP20	1	WKP23-16-04-50
INDUSTRIAL series									
	UK10 portable reel	10	yes	3×1,00	1100	2200	IP20	10	WKP14-10-04-10
	UK10 portable reel	10	yes	3×1,50	1750	3500	IP20	10	WKP15-16-04-10
	UK20 portable reel	20	yes	3×1,00	1100	2200	IP20	1	WKP14-10-04-20
	UK20 portable reel	20	yes	3×1,50	1750	3500	IP20	1	WKP15-16-04-20
	UK30 portable reel	30	yes	3×1,00	1100	2200	IP20	1	WKP14-10-04-30
	UK30 portable reel	30	yes	3×1,50	1750	3500	IP20	1	WKP15-16-04-30
	UK40 portable reel	40	yes	3×1,00	1100	2200	IP20	1	WKP14-10-04-40
	UK40 portable reel	40	yes	3×1,50	1750	3500	IP20	1	WKP15-16-04-40
	UK50 portable reel	50	yes	3×1,50	1750	3500	IP20	1	WKP15-16-04-50
INDUSTRIAL PLUS series									
	UK20 portable reel	20	yes	3×1,50	1750	3500	IP44	1	WKP15-16-04-20-44
	UK30 portable reel	30	yes	3×1,50	1750	3500	IP44	1	WKP15-16-04-30-44
	UK40 portable reel	40	yes	3×1,50	1750	3500	IP44	1	WKP15-16-04-40-44
	UK50 portable reel	50	yes	3×1,50	1750	3500	IP44	1	WKP15-16-04-50-44
PROFESSIONAL series									
	UK20 portable reel	20	yes	3×1,50	1750	3500	IP44	1	WKP16-16-04-20-44
	UK30 portable reel	30	yes	3×1,50	1750	3500	IP44	1	WKP16-16-04-30-44
	UK30 portable reel	30	yes	3×2,50	1750	3500	IP44	1	WKP17-16-04-30-44
	UK40 portable reel	40	yes	3×1,50	1750	3500	IP44	1	WKP16-16-04-40-44
	UK40 portable reel	40	yes	3×2,50	1750	3500	IP44	1	WKP17-16-04-40-44
	UK50 portable reel	50	yes	3×1,50	1750	3500	IP44	1	WKP16-16-04-50-44
	UK50 portable reel	50	yes	3×2,50	1750	3500	IP44	1	WKP17-16-04-50-44

Dismountable plugs and sockets

Dismountable plugs and sockets are successfully used for repair of electrical household appliances, extension cords, etc.



6

Advantages

- The product's range is composed taking into account trends of market demand and includes the most actual and requested models of plugs and sockets.
- The ergonomic design of the products allows for their convenient and safe use.
- The contact group and cable clamp ensure convenient and quick installation.
- The body material is non-combustible ABS plastic.
- All products meet requirements of current Russian legislation in the area of product safety.
- The products samples of new series have successfully undergone tests for compliance with international standards that is proved by the Customs Union Certificate valid in Republic of Belarus, Kazakhstan and Russian Federation.

Technical characteristics

Material	ABS plastic
Mains voltage	250 V
Rated frequency	50 Hz
Maximum load current	16 A
Clamp for wires (up to 2.5 mm ²)	screw

Products' range

	Description	Qty in group package, pcs.	Product ID
	Dismountable straight plug with grounding contact VPp10-01-St 16A white	50	EVP10-16-01-K01
	Dismountable straight plug with grounding contact VPp10-02-St 16A black	50	EVP10-16-01-K02
	Dismountable straight plug without grounding contact VPp20-01-St 6A white	80	EVP20-06-01-K01
	Dismountable straight plug without grounding contact VPp20-02-St 6A black	80	EVP20-06-01-K02
	Dismountable angle plug with grounding contact VPu11-01-St 16A white	50	EVP11-16-01-K01
	Dismountable angle plug with grounding contact VPu11-02-St 16A black	50	EVP11-16-01-K02
	Dismountable angle plug with grounding contact and ring VPu12-01-St 16A white	50	EVP12-16-01-K01
	Dismountable angle plug with grounding contact and ring VPu12-02-St 16A black	50	EVP12-16-01-K02
	Dismountable straight socket with grounding contact RPP10-01-St 16A white	40	ERP10-16-01-K02
	Dismountable straight socket with grounding contact RPP10-02-St 16A black	50	ERP10-16-01-K02
	Dismountable plug for oven with grounding contact VPp10-01-St 32A	10	EVP10-32-01-K01
	Dismountable socket for oven with grounding contact, surface-mounted RPP10-01-St 32A	10	ERP10-32-01-K01
	Dismountable socket for oven with grounding contact, flush-mounted RPP11-01-St 32A	10	ERP11-32-01-K01

Lamp sockets

Ceramic, carbolite and plastic lamp sockets are widely used for household purposes and in construction for installation of lamps, connection of energy-saving and incandescent bulbs with threaded base types E14, E27 or E40 to the mains.



Advantages

- Contact parts of the sockets are made from electrical grade brass.
- The plastic sockets are made from flame-proof material, not sustaining combustion.
- The plastic suspended lamp sockets with cable are offered in black and white variants.
- The new products are supplied in individual packages for different sale types, including DIY chains

Technical characteristics

Mains voltage:	220/250 V
Current frequency:	50 Hz
Rated currents:	2/4/16 A
Body material:	ceramics / carbolite / heat-resistant plastic
Base:	E14/E27/E40
Operational conditions:	+1°C to +35°C
Degree of protection:	IP20
Conductor cross-sections, mm ²	E14 (0.75-1.5); E27 (0.75-2.5); E40 (0.75-4.0)
Method of disposal:	as household wastes

Products' range

Carbolite lamp sockets	Description	Package options	Qty in group package, pcs.	Product ID
	Suspended socket, carbolite, E14, Pkb14-04-K01	Sticker on item	50	EPK20-04-01-K01
		Individual bag, sticker on bag	50	EPK20-04-02-K01
	Socket with ring, carbolite, E14, Pkb14-04-K11	Sticker on item	50	EPK21-04-01-K01
		Individual bag, sticker on bag	50	EPK21-04-02-K01
	Suspended socket, carbolite, E27, Pkb27-04-K01	Sticker on item	50	EPK10-04-01-K01
		Individual bag, sticker on bag	50	EPK10-04-02-K01
	Socket with ring, carbolite, E27, Pkb27-04-K11	Sticker on item	50	EPK11-04-01-K01
		Individual bag, sticker on bag	50	EPK11-04-02-K01
	Angle wall-mounted socket, carbolite, E27, Pkb27-04-K31	Sticker on item	50	EPK13-04-01-K01
		Individual bag, sticker on bag	50	EPK13-04-02-K01
	Ceiling socket, carbolite, E27, Pkb27-04-K21	Sticker on item	50	EPK12-04-01-K01
		Individual bag, sticker on bag	50	EPK12-04-02-K01
Ceramic lamp sockets	Suspended socket, ceramic, E14, Pkr14-04-K43	Sticker on item	400	EPC20-04-01-K01
		Individual bag, sticker on bag	40	EPC20-04-02-K01
	Suspended socket, ceramic, E27, Pkr27-04-K43	Sticker on item	200	EPC10-04-01-K01
		Individual bag, sticker on bag	20	EPC10-04-02-K01
	Suspended socket, ceramic, E40, Pkr40-16-K43	Sticker on item	100	EPC30-04-01-K01
		Individual bag, sticker on bag	10	EPC30-04-02-K01
Plastic lamp sockets	Suspended socket, plastic, E14, Ppl14-02-K02	Sticker on item	50	EPP20-02-01-K01
		Individual bag, sticker on bag	50	EPP20-02-02-K01
	Socket with ring, plastic, E14, Ppl14-02-K12	Sticker on item	50	EPP21-02-01-K01
		Individual bag, sticker on bag	50	EPP21-02-02-K01

Plastic lamp sockets	Description	Package options	Qty in group package, pcs.	Product ID
	Suspended socket, plastic, E27, Ppl27-04-K02	Sticker on item	50	EPP10-04-01-K01
		Individual bag, sticker on bag	50	EPP10-04-02-K01
	Socket with ring, plastic, E27, Ppl27-04-K12	Sticker on item	50	EPP11-04-01-K01
		Individual bag, sticker on bag	50	EPP11-04-02-K01
	Suspended socket with cord, plastic, E27, white, Ppl27-04-K51	Sticker on item	50	EPP14-04-01-K01
	Suspended socket with cord, plastic, E27, black, Ppl27-04-K52	Sticker on item	50	EPP14-04-01-K02
Adapters for lamp sockets	Plastic adapter, E14-E27, PR14-27-K02	Individual bag, sticker on bag	50	EPR21-01-01-K01
				
	Plastic adapter, E27-E14, PR27-14-K02	Individual bag, sticker on bag	50	EPK12-04-01-K01
	Plastic adapter, E27-E40, PR27-40-K02	Individual bag, sticker on bag	50	EPR13-01-01-K01
	Plastic adapter, E40-E27, PR40-27-K02	Individual bag, sticker on bag	50	EPR31-01-01-K01
Accessories. Rings for lamp sockets	Ring for lamp socket, plastic, E14, white, KB14	Individual bag, sticker on bag	50	EKP20-01-02-K01
				
	Ring for lamp socket, plastic, E27, white, KB27	Individual bag, sticker on bag	50	EKP10-01-02-K01
	Ring for lamp socket, plastic, E14, black, KCH14	Individual bag, sticker on bag	50	EKP20-02-02-K02
	Ring for lamp socket, bakelite, E27, black, KCH27	Individual bag, sticker on bag	50	EKP10-02-02-K02

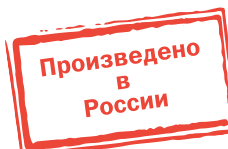
Power connectors

Power connectors of MAGNUM series

Original design of MAGNUM power connectors is developed by IEK engineers with strict compliance with requirements of Russian and international standards and considering demands of users – professional electricians and fitters. The solutions utilized in MAGNUM power connectors combine the best global practice and a number of unique special improvements from IEK engineers.

The advanced design solutions combined with high-quality materials and high technological level of manufacture guarantee high reliability and safety of design, ergonomic and environment safe products, maximum convenience of mounting and dismounting of MAGNUM power connectors.

MAGNUM power connectors can be used for connection of construction electrical equipment and tools, power supply of temporary structures and workers' cabins, machine-tools and other industrial equipment, sport and entertainment facilities, hotels, camp sites, etc. MAGNUM IEK® power connectors are manufactured in Russia, at the main IEK industrial facility.



Advantages

- The connectors plastic parts are made from self-extinguishing materials, have high strength and dielectric properties, withstand shock loads, wearing and attrition.
- All connectors plastic parts have strengthened design able to withstand high stresses and harsh operating conditions.
- Strengthened conductor connection assembly for all connectors.
- The securely attached covers protect from ingress of dust and moisture into the connector.
- Location of the body screws ensures maximum convenience.
- Operation in moist environment is possible (IP44, IP67).
- Item's rough surface ensures convenient grip, which is of particular importance when working in adverse weather conditions (e.g. at high humidity or negative temperatures).

Technical characteristics

Rated current, A	16, 32, 63, 125
Operating voltage range, V	200-250; 380-415
Rated insulation voltage, V	500
Mains rated frequency, Hz	50
Ground contact clock position	6
Operating temperature	-25...+40°C
Degree of protection acc. to GOST 14254	IP44, IP67
Mechanical style group acc. to GOST 17516.1	M1

Design features



The power connectors of MAGNUM series use pin type clamps with two screws. The screws are pointed to the same direction for easy mounting. The clamp holds the conductor fast, ensures low transient resistance and lower heating. The screws ends are smoothed out to avoid the conductor cutting.



The fixed connectors have sunk side holes for screws that fasten two halves of the body, therefore they are not visible. After assembling, the screws heads are sunk in the recesses thus avoiding possibility of their damage.



The socket covers are provided with convenient upper lever and lower hitch for cover opening. The upper lever can be used for easy hinging out of the cover on portable socket, for the purpose of joining it by one hand. The lower hitch is convenient in use when cover of fixed or built-in socket should be opened.



The portable connector design utilizes a collet clamp with gland from flexible material. The collet clamp ensures, due to teeth on its grips, secure fastening of cable in the body when nut is tightened, and also required degree of protection IP.



The fixed connectors have two cable entries, bottom and top. Both entries are fitted with plastic membranes to ensure degree of protection IP, that should be cut out before the gland is installed to the entry.



The collet clamp is tightened using a slotted nut. The hexagon surface is supplemented with the flange serving as a stop for wrench and preventing wrench coming off the flats. The special ribs are provided on outer surface of the nut for easy tightening by hand.

Structure of designation

SSI-013 MAGNUM

- SSI:** power connectors IEK® of MAGNUM series
0: type
 0: portable plug
 1: fixed socket
 2: portable socket (connector)
 4: inclined flush-mounted socket
 5: fixed plug
1: current, A
 1: 16
 2: 32
3: number of contacts
 3: 2P + PE
 4: 3P + PE
 5: 3P + N + PE

Products' range

Portable plugs	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-013 MAGNUM	2P+PE	6 o'clock	16	220	IP44	PSN01-016-3
		SSI-014 MAGNUM	3P+PE	6 o'clock	16	380	IP44	PSN02-016-4
		SSI-015 MAGNUM	3P+PE+N	6 o'clock	16	380	IP44	PSN02-016-5
		SSI-023 MAGNUM	2P+PE	6 o'clock	32	220	IP44	PSN01-032-3
		SSI-024 MAGNUM	3P+PE	6 o'clock	32	380	IP44	PSN02-032-4
		SSI-025 MAGNUM	3P+PE+N	6 o'clock	32	380	IP44	PSN02-032-5
		SSI-033 MAGNUM	2P+PE	6 o'clock	63	220	IP67	PSN01-063-3
		SSI-034 MAGNUM	3P+PE	6 o'clock	63	380	IP67	PSN02-063-4
		SSI-035 MAGNUM	3P+PE+N	6 o'clock	63	380	IP67	PSN02-063-5
		SSI-045 MAGNUM	3P+PE+N	6 o'clock	125	380	IP67	PSN02-125-5
Portable sockets								
		SSI-213 MAGNUM	2P+PE	6 o'clock	16	220	IP44	PSN21-016-3
		SSI-214 MAGNUM	3P+PE	6 o'clock	16	380	IP44	PSN22-016-4
		SSI-215 MAGNUM	3P+PE+N	6 o'clock	16	380	IP44	PSN22-016-5

	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-223 MAGNUM	2P+PE	6 o'clock	32	220	IP44	PSN21-032-3
		SSI-224 MAGNUM	3P+PE	6 o'clock	32	380	IP44	PSN22-032-4
		SSI-225 MAGNUM	3P+PE+N	6 o'clock	32	380	IP44	PSN22-032-5
		SSI-233 MAGNUM	2P+PE	6 o'clock	63	220	IP67	PSN21-063-3
		SSI-234 MAGNUM	3P+PE	6 o'clock	63	380	IP67	PSN22-063-4
		SSI-235 MAGNUM	3P+PE+N	6 o'clock	63	380	IP67	PSN22-063-5
Fixed plugs for surface-mounted wiring		SSI-513 MAGNUM	2P+PE	6 o'clock	16	220	IP44	PSN51-016-3
		SSI-514 MAGNUM	3P+PE	6 o'clock	16	380	IP44	PSN52-016-4
		SSI-515 MAGNUM	3P+PE+N	6 o'clock	16	380	IP44	PSN52-016-5
		SSI-523 MAGNUM	2P+PE	6 o'clock	32	220	IP44	PSN51-032-3
		SSI-524 MAGNUM	3P+PE	6 o'clock	32	380	IP44	PSN52-032-4
		SSI-525 MAGNUM	3P+PE+N	6 o'clock	32	380	IP44	PSN52-032-5
								

Fixed sockets for surface-mounted wiring	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-113 MAGNUM	2P+PE	6 o'clock	16	220	IP44	PSN11-016-3
		SSI-114 MAGNUM	3P+PE	6 o'clock	16	380	IP44	PSN12-016-4
		SSI-115 MAGNUM	3P+PE+N	6 o'clock	16	380	IP44	PSN12-016-5
		SSI-123 MAGNUM	2P+PE	6 o'clock	32	220	IP44	PSN11-032-3
		SSI-124 MAGNUM	3P+PE	6 o'clock	32	380	IP44	PSN12-032-4
		SSI-125 MAGNUM	3P+PE+N	6 o'clock	32	380	IP44	PSN12-032-5
		SSI-133 MAGNUM	2P+PE	6 o'clock	63	220	IP67	PSN11-063-3
		SSI-134 MAGNUM	3P+PE	6 o'clock	63	380	IP67	PSN12-063-4
		SSI-135 MAGNUM	3P+PE+N	6 o'clock	63	380	IP67	PSN12-063-5
		SSI-145 MAGNUM	3P+PE+N	6 o'clock	125	380	IP67	PSN12-125-5
Fixed sockets for flush-mounted wiring		SSI-413 MAGNUM	2P+PE	6 o'clock	16	220	IP44	PSN41-016-3
								

Fixed sockets for flush-mounted wiring


Description
SSI-414
MAGNUM

Number of poles
3P+PE

Key
6 o'clock

Rated current, A
16

Rated voltage, V
380

Degree of protection
IP44

Product ID
PSN42-016-4



Description
SSI-415
MAGNUM

Number of poles
3P+PE+N

Key
6 o'clock

Rated current, A
16

Rated voltage, V
380

Degree of protection
IP44

Product ID
PSN42-016-5



Description
SSI-423
MAGNUM

Number of poles
2P+PE

Key
6 o'clock

Rated current, A
32

Rated voltage, V
220

Degree of protection
IP44

Product ID
PSN41-032-3



Description
SSI-424
MAGNUM

Number of poles
3P+PE

Key
6 o'clock

Rated current, A
32

Rated voltage, V
380

Degree of protection
IP44

Product ID
PSN42-032-4



Description
SSI-425
MAGNUM

Number of poles
3P+PE+N

Key
6 o'clock

Rated current, A
32

Rated voltage, V
380

Degree of protection
IP44

Product ID
PSN42-032-5

Selection tables

Industrial sockets and plugs of MAGNUM series for rated currents 16 and 32 A



Rated current, A	Rated voltage, V	No. of poles	Portable plugs IP44	Portable sockets IP44	Fixed plugs for surface-mounted wiring IP44	Fixed sockets for surface-mounted wiring IP44	Fixed sockets for flush-mounted wiring IP44
16	200–250	2P+PE	SSI-013	SSI-213	SSI-513	SSI-113	SSI-413
16	380–415	3P+PE	SSI-014	SSI-214	SSI-514	SSI-114	SSI-414
16	380–415	3P+PE+N	SSI-015, SSI-025	SSI-215, SSI-225	SSI-515, SSI-525	SSI-115, SSI-125	SSI-415, SSI-425
32	200–250	2P+PE	SSI-023	SSI-223	SSI-523	SSI-123	SSI-423
32	380–415	3P+PE	SSI-024	SSI-224	SSI-524	SSI-124	SSI-424
32	380–415	3P+PE+N	SSI-025	SSI-225	SSI-525	SSI-125	SSI-425

Industrial sockets and plugs of MAGNUM series for rated currents 63 and 125 A

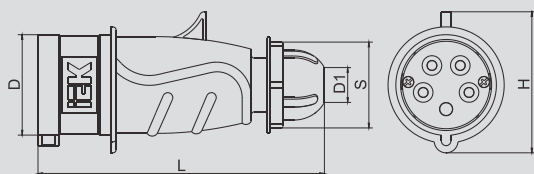


Rated current, A	Rated voltage, V	No. of poles	Portable plugs IP67	Portable sockets IP67	Fixed sockets for surface-mounted wiring IP67
63	200–250	2P+PE	SSI-033	SSI-233	SSI-133
63	380–415	3P+PE	SSI-034	SSI-234	SSI-134
63	380–415	3P+PE+N	SSI-035	SSI-235	SSI-135
125	380–415	3P+PE+N	SSI-045	—	SSI-145

Overall dimensions

Portable plugs

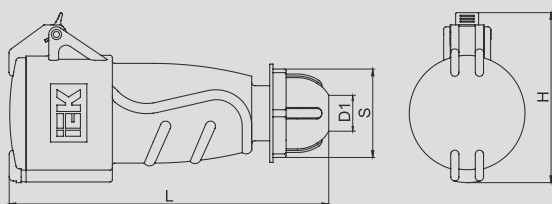
SSI-013 ÷ SSI-025



Name	D	D1	H	S	L
SSI-013	52	15	60	36	148
SSI-014	58		69	46	
SSI-015	65		76		
SSI-023	67	20	73	54	178
SSI-024					
SSI-025	73		89		

Portable sockets

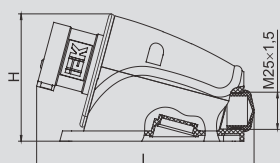
SSI-213 ÷ SSI-225



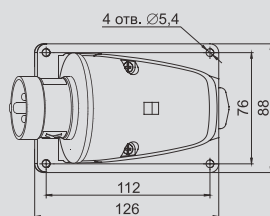
Name	D	D1	H	S	L
SSI-213	52	15	78	36	160
SSI-214	58		84	46	
SSI-215	65		94		
SSI-223	64	20,5	97	54	190
SSI-224					
SSI-225	71		104		

Fixed plugs

SSI-513 ÷ SSI-525

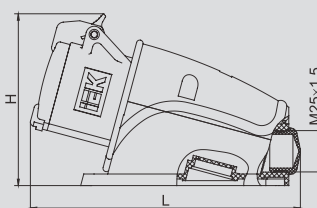


Name	D	H	L
SSI-513	43	88	152
SSI-514	49		
SSI-515	56		
SSI-523	57	91	162
SSI-524			
SSI-525	63		

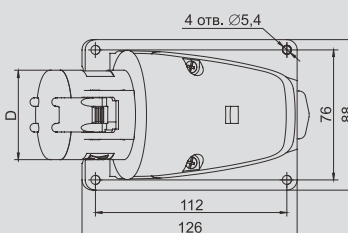


Fixed sockets

SSI-113 ÷ SSI-125

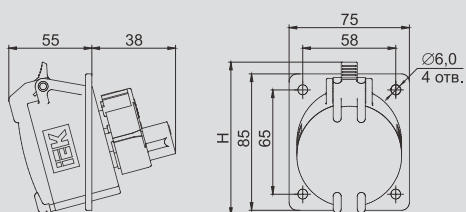


Name	D	H	L
SSI-113	52	104	162
SSI-114	58		
SSI-115	65		
SSI-123	64	115	170
SSI-124			
SSI-125	71		



Fixed sockets for flush-mounted wiring

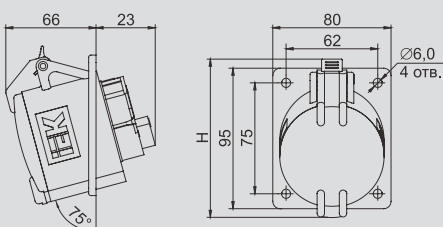
SSI-413 ÷ SSI-415



Name	H
SSI-413	85
SSI-414	87
SSI-415	96

Fixed sockets for flush-mounted wiring

SSI-423 ÷ SSI-425



Name	H
SSI-423	101
SSI-424	
SSI-425	107

Power connectors

The power connectors are indispensable devices for use indoors and outdoors, together with mobile electrical equipment with cable supply system and stationary equipment of single- and three-phase types.

They can be used for connection of construction electrical equipment and tools, machine-tools and other industrial equipment, power supply of workers' cabins and booths, for use in hotels, vacation houses, camp sites, etc.



6

Advantages

- The bodies and insulating parts that support the current-carrying parts of the power connectors are made from heat-resistant and self-extinguishing materials.
- The securely attached covers protect from ingress of dust and moisture into the connector.
- Corrosion protection for springs.
- Screws in mechanical and electrical connections are secured from self-unfastening.
- Operation in moist environment is possible (IP44, IP54).
- Special gland is available for cables of various sizes.
- Free space for cable.

Technical characteristics

Rated current, A	16, 32, 63, 125
Operating voltage range, V	200-250; 380-415
Rated insulation voltage, V	500
Mains rated frequency, Hz	50
Ground contact clock position	6
Operating temperature	-25...+40°C
Degree of protection acc. to GOST 14254-96	IP44, IP54

Design features



Parts from elastomeric materials, i.e. sealing rings, glands, are resistant to ageing.



The plastic lug on the power connector body allows for fixing the mating part cover, preventing the eventual non-authorized disconnection when mechanical stress is applied to the cable as result of pulling.



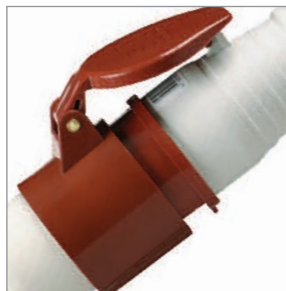
Screws in mechanical and electrical connections are secured from self-unfastening and corrosion.



The cable entry is fitted with the gland that excludes cable damage. The gland fits to cables of various diameters.



The contact pins are made from electric grade brass, socket assemblies – from phosphor bronze. All parts are nickel-plated for corrosion protection.























The pressure applied by the contact receptacles to the contact plugs prevents the plug to be inserted and removed too easily. The plug does not fall out of the socket under normal conditions of use.

Structure of designation

CCN-013

- CCN:** power connectors IEK®
- 0:** type
- 0:** portable plug
 - 1:** fixed socket
 - 2:** portable socket (connector)
 - 4:** inclined flush-mounted socket
 - 5:** fixed plug
- 1:** current, A
- 1:** 16
 - 2:** 32
 - 3:** 63
 - 4:** 125
- 3:** number of contacts
- 3:** 2P + PE
 - 4:** 3P + PE
 - 5:** 3P + N + PE

Products' range

Portable plugs	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-013	2P+PE	6 o'clock	16	≤ 250	IP44	PSR01-016-3
		SSI-014	3P+PE	6 o'clock	16	≤ 380	IP44	PSR02-016-4
		SSI-015	3P+PE+N	6 o'clock	16	≤ 380	IP44	PSR02-016-5
		SSI-023	2P+PE	6 o'clock	32	≤ 250	IP44	PSR01-032-3
		SSI-024	3P+PE	6 o'clock	32	≤ 380	IP44	PSR02-032-4
		SSI-025	3P+PE+N	6 o'clock	32	≤ 380	IP44	PSR02-032-5
		SSI-033	2P+PE	6 o'clock	63	≤ 250	IP54	PSR01-063-3
		SSI-034	3P+PE	6 o'clock	63	≤ 380	IP54	PSR02-063-4
		SSI-035	3P+PE+N	6 o'clock	63	≤ 380	IP54	PSR02-063-5
		SSI-045	3P+PE+N	6 o'clock	125	≤ 380	IP54	PSR02-125-5

Portable sockets	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-213	2P+PE	6 o'clock	16	≤ 250	IP44	PSR21-016-3
		SSI-214	3P+PE	6 o'clock	16	≤ 380	IP44	PSR22-016-4
		SSI-215	3P+PE+N	6 o'clock	16	≤ 380	IP44	PSR22-016-5
		SSI-223	2P+PE	6 o'clock	32	≤ 250	IP44	PSR21-032-3
		SSI-224	3P+PE	6 o'clock	32	≤ 380	IP44	PSR22-032-4
		SSI-225	3P+PE+N	6 o'clock	32	≤ 380	IP44	PSR22-032-5
		SSI-233	2P+PE	6 o'clock	63	≤ 250	IP54	PSR21-063-3
		SSI-234	3P+PE	6 o'clock	63	≤ 380	IP54	PSR22-063-4
		SSI-235	3P+PE+N	6 o'clock	63	≤ 380	IP54	PSR22-063-5

Fixed plugs



Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
	SSI-513	2P+PE	6 o'clock	16	≤ 250	IP44	PSR51-016-3



	SSI-514	3P+PE	6 o'clock	16	≤ 380	IP44	PSR52-016-4
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	SSI-515	3P+PE+N	6 o'clock	16	≤ 380	IP44	PSR52-016-5
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	SSI-523	2P+PE	6 o'clock	32	≤ 250	IP44	PSR51-032-3
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	SSI-524	3P+PE	6 o'clock	32	≤ 380	IP44	PSR52-032-4
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	SSI-525	3P+PE+N	6 o'clock	32	≤ 380	IP44	PSR52-032-5
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Fixed sockets



	SSI-113	2P+PE	6 o'clock	16	≤ 250	IP44	PSR11-016-3
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	SSI-114	3P+PE	6 o'clock	16	≤ 380	IP44	PSR12-016-4
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	Positions of contacts	Description	Number of poles	Key	Rated current, A	Rated voltage, V	Degree of protection	Product ID
		SSI-115	3P+PE+N	6 o'clock	16	≤ 380	IP44	PSR12-016-5
		SSI-123	2P+PE	6 o'clock	32	≤ 250	IP44	PSR11-032-3
		SSI-124	3P+PE	6 o'clock	32	≤ 380	IP44	PSR21-032-4
		SSI-125	3P+PE+N	6 o'clock	32	≤ 380	IP44	PSR12-032-5
		SSI-133	2P+PE	6 o'clock	63	≤ 250	IP54	PSR11-063-3
		SSI-134	3P+PE	6 o'clock	63	≤ 380	IP54	PSR12-063-4
		SSI-135	3P+PE+N	6 o'clock	63	≤ 380	IP54	PSR12-063-5
		SSI-145	3P+PE+N	6 o'clock	125	≤ 380	IP54	PSR12-125-5

**Fixed sockets
for flush-mounted wiring**


Description

SSI-413

 Number
of poles

2P+PE

Key

6 o'clock

 Rated
current, A

16

 Rated
voltage, V

 ≤ 250

 Degree
of protection

IP44

Product ID

PSR41-016-3



SSI-414

3P+PE

6 o'clock

16

 ≤ 380

IP44

PSR42-016-4



SSI-415

3P+PE+N

6 o'clock

16

 ≤ 380

IP44

PSR42-016-5



SSI-423

2P+PE

6 o'clock

32

 ≤ 250

IP44

PSR41-032-3



SSI-424

3P+PE

6 o'clock

32

 ≤ 380

IP44

PSR42-032-4



SSI-425

3P+PE+N

6 o'clock

32

 ≤ 380

IP44

PSR42-032-5

Panel-mounted socket


RP10-3-IP44

2P+PE

16

250

IP44

PSR61-016-3

 Panel-mounted
socket with Schuko
grounding contact

Power adapters


SSI-1012

2P+PE

6 o'clock

16

 ≤ 250

IP44

PAS21-016-3



SSI-1012-214

3P+PE

6 o'clock

16

 ≤ 250

IP44

PAS22-016-4



SSI-1013

2P+PE

6 o'clock

16

 ≤ 250

IP44

PAS31-016-3



SSI-1013-214

3P+PE

6 o'clock

16

 ≤ 380

IP44

PAS32-016-4

Industrial sockets and plugs for rated currents 16 and 32 A



Rated current, A	Rated voltage, V	No. of poles	Portable plugs IP44	Portable sockets IP44	Fixed sockets for surface-mounted wiring IP44	Fixed plugs for surface-mounted wiring IP44	Fixed sockets for flush-mounted wiring IP44
16	200–250	2P+PE	SSI-013	SSI-213	SSI-113	SSI-513	SSI-413
16	380–415	3P+PE	SSI-014	SSI-214	SSI-114	SSI-514	SSI-414
16	380–415	3P+PE+N	SSI-015	SSI-215	SSI-115	SSI-515	SSI-415
32	200–250	2P+PE	SSI-023	SSI-223	SSI-123	SSI-523	SSI-423
32	380–415	3P+PE	SSI-024	SSI-224	SSI-124	SSI-524	SSI-424
32	380–415	3P+PE+N	SSI-025	SSI-225	SSI-125	SSI-525	SSI-425

Industrial sockets and plugs for rated currents 63 and 125 A



Rated current, A	Rated voltage, V	No. of poles	Portable plugs IP44	Portable sockets IP44	Fixed sockets for surface-mounted wiring IP44
63	200–250	2P+PE	SSI-033	SSI-233	SSI-133
63	380–415	3P+PE	SSI-034	SSI-234	SSI-134
63	380–415	3P+PE+N	SSI-035	SSI-235	SSI-135
125	380–415	3P+PE+N	SSI-045	—	SSI-145

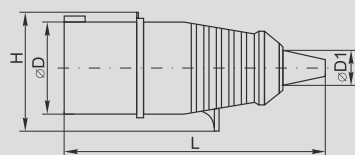
Power adapters



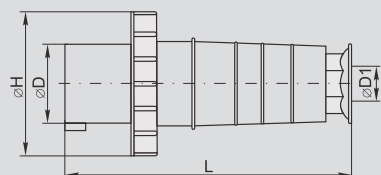
Rated current, A	Rated voltage, V	No. of poles	2-way adapter	3-way adapter
16	200-250	2P+PE	SSI-1012	SSI-1013
16	380-415	3P+PE	SSI-1012-214	SSI-1013-214

Overall dimensions

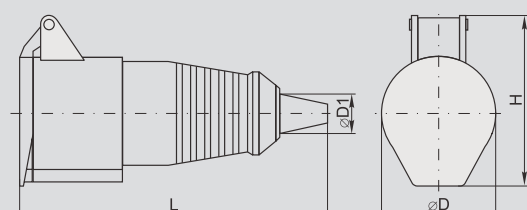
Portable plugs SSI-013÷SSI-025



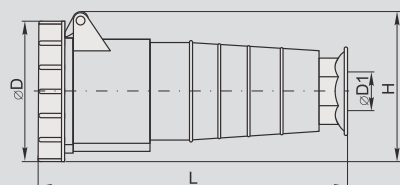
SSI-033÷SSI-045



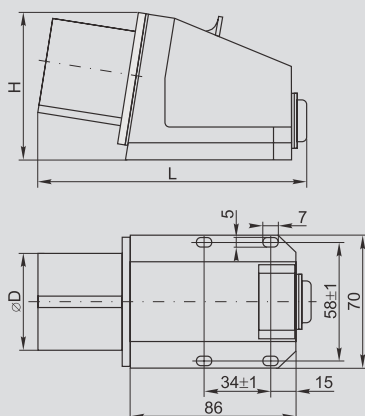
Portable sockets SSI-213÷SSI-225



SSI-233÷SSI-235



Fixed plugs SSI-513÷SSI-525

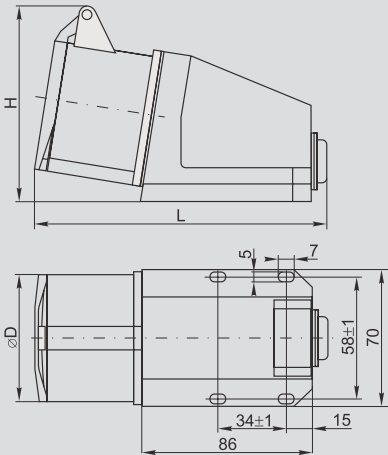


Name	L	H	D	D1
SSI-013	140	58	44	15
SSI-014	140	62	49	15
SSI-015	168	71	55	22
SSI-023	177	74	57	22
SSI-024	177	74	57	22
SSI-025	86	102	80	22
SSI-033	230	108	70	15÷37
SSI-034	230	108	70	15÷37
SSI-035	230	108	70	15÷37
SSI-045	300	122	81	24÷49

Name	L	H	D	D1
SSI-213	150	72	51	15
SSI-214	150	78	57	15
SSI-215	176	86	65	22
SSI-223	185	87	65	22
SSI-224	185	87	65	22
SSI-225	198	102	70	22
SSI-233	245	115	107	13÷16
SSI-234	245	115	107	13÷16
SSI-235	245	115	107	13÷16

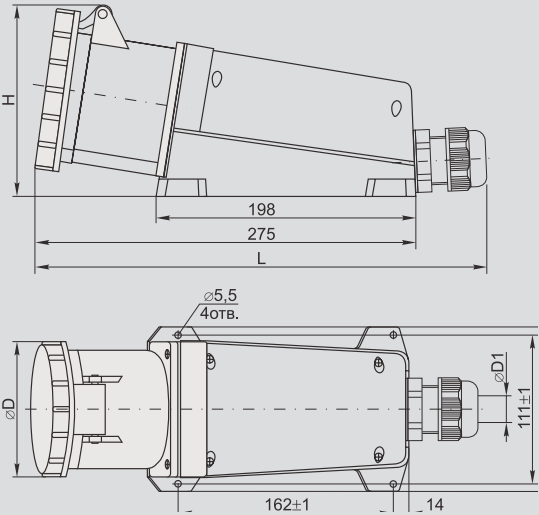
Name	L	H	D
SSI-513	131	78	44
SSI-514	131	78	50
SSI-515	133	80	55
SSI-523	141	83	56
SSI-524	141	83	56
SSI-525	137	86	62

Fixed sockets
SSI-113÷SSI-125



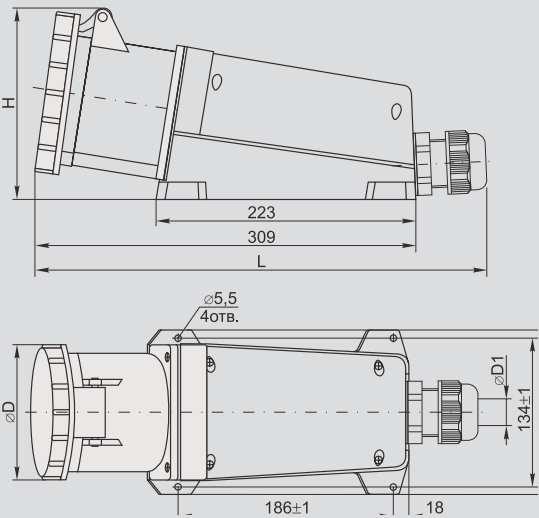
Name	L	H	D
SSI-113	136	90	51
SSI-114	138	93	57
SSI-115	138	97	65
SSI-123	151	97	65
SSI-124	151	97	65
SSI-125	153	105	70

Fixed sockets
SSI-133÷SSI-135

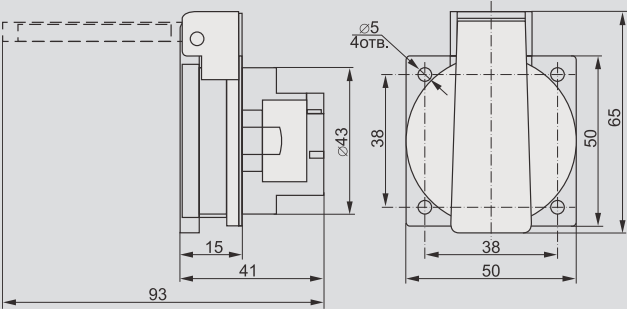


Name	L	H	D	D1
SSI-133	315max	127	107	12÷20
SSI-134	315max	127	107	12÷20
SSI-135	315max	127	107	12÷20
SSI-145	361max	142	120	20÷25

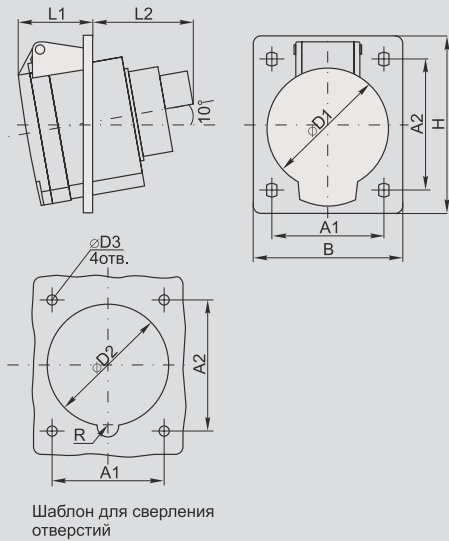
SSI-145



RP10-3-IP44

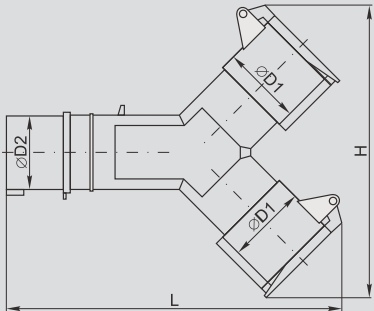


Fixed sockets for flush-mounted wiring

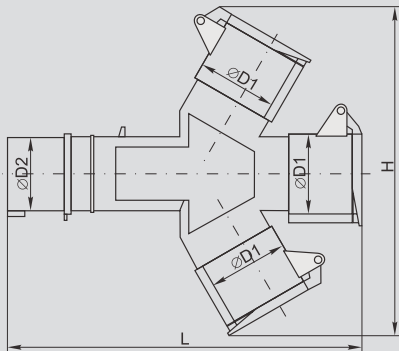


Name	A1	A2	B	D1	D2	D3	H	L1	L2	R
SSI-413	47±1	47±1	62	52	49	5	68	40	35	6
SSI-414	60±1	61±1	75	57	56	5	86	36	42	6
SSI-415	60±1	61±1	75	65	63	5	86	36	40	6
SSI-423	60±1	70±1	80	65	65	5	95	44	40	6
SSI-424	60±1	70±1	80	65	65	5	95	44	56	6
SSI-425	60±1	70±1	80	70	72	5	96	46	42	6

Power adapters



Name	D1	D2	H	L
SSI-1012 2P+PE	51	44	180	205
SSI-1012-214 3P+PE	57	49	188	215



Name	D1	D2	H	L
SSI-1013 2P+PE	51	44	226	230
SSI-1013-214 3P+PE	57	49	226	230