

**IP66/67**

watertight

**IP44/54**

dust- and splash-proof

## VERSIONS:

- 16A and 32A
- IP44/54 and IP66/67
- Plug, connector and flanged socket

- 2p and 3p
- 24V and 42V
- DC, 50/60Hz, 100 to 500 Hz



IP44/54



IP66/67

## ADVANTAGES:

- TWIST screwless cable gland for very userfriendly, quick and easy assembly
- fast cable installation
- strain relief and sealing of the cable by tightening the cable-lock gland
- maximum cable security and 100% seal
- ample connection space
- nickel-plated contacts
- easy to handle cable gland by multi-ramp quick-lock system

for cable diameters from  $\varnothing$  8 to  $\varnothing$  24mm

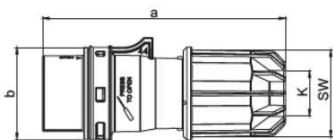


## Extra-low voltage – plugs and sockets

### Protective extra-low voltage

is a preventive measure for use under extreme conditions, the rated voltage (AC) is limited by max. 50V.

Special working conditions (conductive environment e.g. in or on boilers, pipelines, containers, metal frames or limited freedom of motion) require the use of extra-low voltage plugs and sockets.

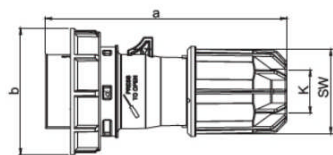


### Twist Plug IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	135	135	135	135
b	51	51	51	51
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	142	160	142	160

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

**IP44** splashproof

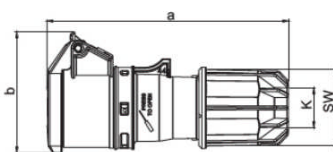


### Twist Plug IP67

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	124	131	146	152
b	79	87	93	100
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	164	182	164	182

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

**IP67** watertight

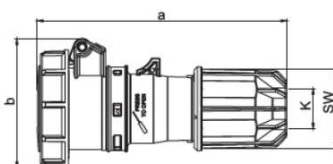


### Twist Connector IP44

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	150	150	150	150
b	75	75	75	75
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	179	199	179	199

- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

**IP44** splashproof



### Twist Connector IP67

	16 Amp		32 Amp	
	2	3	2	3
Poles	2	3	2	3
a	150	150	150	150
b	78	78	78	78
c	51	51	51	51
K_cable Ø [mm]	8-24	8-24	8-24	8-24
Connection type:	Screw terminal			
Wire flexible [mm <sup>2</sup> ]	1-10			
Contact screws [Ncm]	160 Ncm			
SW	48			
Weight [g]	199	219	199	219

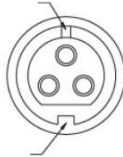
- with screw terminals
- housing material: PA6
- contacts: nickel-plated contacts

**IP67** watertight

Amp.	Poles	pack. unit	24V~ 50/60Hz without Minor key	42V~ 50/60Hz 12h	24/42V~ 100-200Hz 4h	24/42V~ 300Hz 2h	24/42V~ 400Hz 3h	24/42V~ 401-500Hz 11h	24/42V= DC 10h
			Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.	Cat.No.

**Examples:**  
View: socket (front)


Minor key  
3 pol.





Mayor key  
3 pol.


For extra-low voltage a minor key is used to distinguish voltage and frequency - see table.

Rated Voltage - V	Frequency - Hz	Clockwise position		Colour acc. to EN 60309
		2P without Minor key	3P without Minor key	
20 - 25	50 / 60	-	-	Violet
40 - 50	50 / 60	12	12	White
20 - 25 and 40 - 50	100 - 200	4	4	Green
	300	2	2	Green
	400	3	3	Green
	> 400 - 500	11	11	Green
	DC	10	-	White

16	2	10	062v	082-12v	082-4v	082-2v	082-3v	082-11v	082-10v	
16	3	10	063v	083-12v	083-4v	083-2v	083-3v	083-11v	083-10v	
32	2	10	072v	092-12v	092-4v	092-2v	092-3v	092-11v	092-10v	083-3v
32	3	10	073v	093-12v	093-4v	093-2v	093-3v	093-11v	093-10v	

16	2	10	0622v	0822-12v	0822-4v	0822-2v	0822-3v	0822-11v	0822-10v	
16	3	10	0632v	0832-12v	0832-4v	0832-2v	0832-3v	0832-11v	0832-10v	
32	2	10	0722v	0922-12v	0922-4v	0922-2v	0922-3v	0922-11v	0922-10v	0622v
32	3	10	0732v	0932-12v	0932-4v	0932-2v	0932-3v	0932-11v	0932-10v	

16	2	10	262v	282-12v	282-4v	282-2v	282-3v	282-11v	282-10v	
16	3	10	263v	283-12v	283-4v	283-2v	283-3v	283-11v	283-10v	
32	2	10	272v	292-12v	292-4v	292-2v	292-3v	292-11v	292-10v	282-4v
32	3	10	273v	293-12v	293-4v	293-2v	293-3v	293-11v	293-10v	

16	2	10	2622v	2822-12v	2822-4v	2822-2v	2822-3v	2822-11v	2822-10v	
16	3	10	2632v	2832-12v	2832-4v	2832-2v	2832-3v	2832-11v	2832-10v	
32	2	10	2722v	2922-12v	2922-4v	2922-2v	2922-3v	2922-11v	2922-10v	2622v
32	3	10	2732v	2932-12v	2932-4v	2932-2v	2932-3v	2932-11v	2932-10v	

