



PST 40i 1 pole connector for photovoltaic systems

- Easy installation with only a few components
- Rated voltage: 1.000V IEC/CEI TUV (test voltage 6kV)
- UV protection: F1 flammability class UL94-V2
- High IP Protection degree: IP 67
- TUV-tested compatibility to mate with competitive products
- Very low contact resistance of < 0.15 mΩ with **solid, silver plated brass turned contacts**
- High current-carrying capacity

4.0 mm ²	32A	(unaffected by current curve up to 85°C)
6.0 mm ²	40A	(unaffected by current curve up to 85°C)
- Approvals: TUV to DINVDE V0126-3/12.06, EN50521, UL 486A-486B/486D
CSA-C22.2 No. 65-03/No. 198.2-05

type	amps mm ²	poles Ø mm	wire hole Ø	for cable	description	panel
------	----------------------	------------	-------------	-----------	-------------	-------

PST 40i connector bodies (to be completed by crimp contact pins)

In-line connectors

96.111.0053.1	40A	1 pole	4 - 6 mm ²	5 - 7	female connector housing	-
96.112.0053.1	40A	1 pole	4 - 6 mm ²	5 - 7	male connector housing	-

Panel mount connectors panel mounted through 18.2 mm hole

96.111.1053.1	40A	1 pole	4 - 6 mm ²	5 - 7	female connector housing	18.2
96.112.1053.1	40A	1 pole	4 - 6 mm ²	5 - 7	male connector housing	18.2

Crimp contact pins solid, silver plated brass turned contacts

Supplied in standard packs of 100 pcs per bag

	amps mm ²	poles	wire hole Ø	for cable	description	qty
02.125.8202.8	32A	1 pole	4.0 mm ²	-	female crimp contact pin	(100)
02.125.8302.8	40A	1 pole	6.0 mm ²	-	female crimp contact pin	(100)
05.545.2202.8	32A	1 pole	4.0 mm ²	-	male crimp contact pin	(100)
05.545.2302.8	40A	1 pole	6.0 mm ²	-	male crimp contact pin	(100)

Accessories for above PV connectors

05.568.2756.0	safety locking clip for PST connectors (only openable with screwdriver)	(100)
05.502.1600.0	extraction tool (for removing contact pins from housing for inspection)	ea
99.629.0000.0	crimping tool kit for 4 - 10 mm ² contact pins for PST 40 connectors	ea
Z5.566.6380.0	protection cover for unplugged female connector (with secure string)	ea
Z5.566.6480.0	protection cover for unplugged male connector (with secure string)	ea