

**Cast resin branch- off and connection cable- box for injection
Type S1 used with 1- or multicore powercables.
 $U_0 / U = 0,6 / 1 \text{ kV}$**



Single Components

Design

The netband enables the worker to form the later body of the cable joint.

A strong tape keeps the cable- joint leakproof during casting.

The injection is done via the injection valve and a handheld injection pump.

The electrical and mechanical protection of the cable- joint is achieved by RLS – W –type cast resin ISO PUR K2000 or epoxy resin ISO Epoxy HP 89/7.

Application

The cable- joint injection type was developed in order to enable assemblers to seal cable-connections at all locations (e.g. overhead, corner, vertical). Through its unique design the set fits for each size of plastic insulated cable.

Tests

- each batch according to DIN / ISO 9001
- cast resin approved according to DIN / VDE 0291

Mounting

Branch off- and main cable are connected as usual with single- or compact-ring cable clips. The connection area is wrapped with netband. Afterwards the injection valve is placed in its position, and the cable joint body is sealed with tape.

Now the injection of cast resin can be started. The advance of this process can be controlled through the transparent tape.

Delivery

Netband, tape, injection nozzle, injection valve, sealing putty, cast resin, mounting instruction. Parts can be delivered as set or separately.

Accessories

Injection pump.

Stand 07 / 98

Please turn over

Measures of components

Component	Netband mm	Tape mm	Injection valve mm	Injection nozzle mm	Sealing putty g	Injection pump ccm	Cast resin ISO- PUR K760 ml
Measures	50 x 5000	0,15 x 38 x 25000	Ø 12,2	Ø 12,2	100	600	360 400 500 600



Mounting of cable joint.



Injection of resin.