



DERAY®-SPLICEMAN IR

DESCRIPTION

DERAY®-SpliceMan IR is a semiautomatic unit with infrared heating elements designed to seal and insulate ultrasonically welded- and crimped splices.

The maximum sum of nominal cable cross section per inserted splice is max. 38 mm².

FEATURES AND BENEFITS

- IR Quartz emitters
- Up to 125 data sets storable
- Safe and easy use
- Cost efficient process
- Integration with customer's data system through RS232 on request
- Integration with customer's data system through TCP/IP and OPC UA on request
- Data connection with ultrasonic welding machine
- Process optimization by using barcode scanners is possible
- Compressed air not required
- Adjustable parameters: Shrink time, shrink temperature
- Optional use of manual or automatic calibration
- CE and RoHS conformity



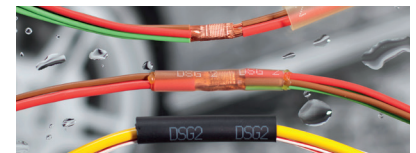
Up to 125
DATA SETS STORABLE

from 6 sec.
PROCESS TIME

APPLICATIONS:

Parallel splices

APPLICATION SAMPLE:





Easy handling and selection of programs via touch panel



Infrared quartz heating elements with temperatures up to 530 °C

OPERATION

The shrinking device DERAY®-SpliceMan IR is equipped with two quartz radiating lamps. The shrink device has an object receptacle for the manual insertion of a parallel splice. After locating the splice sealing product over the splice, the automatic shrinking process is started by pushing the two start buttons. The heating chamber closes around the splices. At the end of the shrinking process, the heating chamber returns to the home position and the finished splice joint is ejected forward.

ORDER INFORMATION

DERAY®-SpliceMan IR

PRODUCTS / SIZES

- DERAY®-SpliceMelt: Sizes 1 to 3, length max. 65 mm
- CHPA: Sizes 1 to 3, length max. 65 mm

For other products and sizes contact DSG-Canusa Application Engineering.

SCOPE OF DELIVERY

- Shrinking machine incl. control panel
- Operating manual (ENG, DE)

ACCESSORIES

- Calibration sensor
- Barcode scanner

TECHNICAL DATA

PROPERTY	
Electrical connection	1/N/PE AC 230 V 50-60 Hz
Electrical power consumption	0.5 kW
Rated current	2 A
Electrical fuse protection	16 A
Degree of protection	IP 20
Shrink temperature at the IR heater	530 °C (986 °F)
Shrink time	6 - 99 sec. depending on wire cross section and number of wires
Ambient temperature	10 °C - 45 °C (50 °F - 113 °F)
Sound pressure level	app. 50 dB(A)
Dimensions and weight	
Shrinking machine	w 330 x h 475 x d 550 mm (w 13 x h 18.7 x d 21.7 in) 22 kg (48.5 lbs)

FOR FURTHER INFORMATION, PLEASE CONTACT:

Americas: 800 422 6872

Canada: 800 845 6808

Asia Pacific: +86 512 82280099

Europe: +49 2226 9047 355

All information contained in this datasheet is believed to be reliable. We advise however that customers should separately evaluate the suitability of our products for their particular application. Shawcor gives no guarantees in respect to accuracy or sufficiency of the information presented and disclaim any liability regarding its use. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. In no instance will we be liable for any eventual, indirect, or consequential damage or damages arising from the sale, resale, transfer, use or misuse of the product. Subject to modification.