



Product Service

# CERTIFICATE

No. Z10 089889 0004 Rev. 00

**Holder of Certificate:** **VADEMSAS**  
**voestalpine Kardemir**  
**Demiryolu Sistemleri San. ve Tic. A.S.**  
AHR Mah. Çankiri Ankara Karayolu 3.Km  
TCDD Makas Fabrikasi Yani  
18200 Çankiri  
TURKEY

**Certification Mark:**



**Product:** **Switches and Crossings**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** **vC96990T**

**Valid until:** **2026-06-28**

**Date,** 2021-07-02

( Alfred Beer )

# CERTIFICATE

No. Z10 089889 0004 Rev. 00

**Parameters:** For nomenclature see attachment  
 "E151 List of Mainline Turnouts\_2021-03-17\_Rev02.pdf"  
 referred in test report vC96990T

**Tested according to:**

- EN 13232-2:2012
- EN 13232-3:2012
- EN 13232-4:2012
- EN 13232-5:2012
- EN 13232-6:2012
- EN 13232-7:2012
- EN 13232-9:2012

## Model(s):

**60E2-4000/10000-1:38 CMP**  
**60E2-2150/2500-1:25,5 CMP**  
**60E2-1500-tg0,042 CMP**  
**60E2-1200-1:18,5 CMP**  
**60E2-500-1:12 CMP**  
**60E2-500-1:12 FC**  
**60E2-300-1:9 FC**

## LIST OF MAINLINE TURNOUTS

GEOMETRY	TECHNICAL DESCRIPTION	MAIN LAYOUT	SINGLE CROSSOVER	SWITCH DEVICE	CROSS SECTION	INTERFACE	CVD SWITCH	STR SWITCH	CROSSING
60E2-2150/2500-1:25,5 CMP	-	E222/ 6212-0007-.. /	E229/ 6212-0010-.. /	E223/ 6212-0008-.. /	E224/ 6212-0011-.. /	E169/ 0900-0527-.. / E196/ 0900-0528-.. /	E170/ 155065-000-.. /	E170/ 155065-000-.. /	E171/ 154656-000-.. /
60E2-500-1:12 CMP	-	E225/ 6209-0021 -.. /	-	E226/ 6209-0020-.. /	E181/ 6209-0005-.. /	E182/ 0900-0555-.. / E183/ 0900-0556-.. /	E184/ 6209-0004-.. /	E184/ 6209-0004-.. /	E187/ 151770-000-.. /
60E2-1500-tg0,042 CMP	E153/ TS180019-2	E154/ 6213-0011-.. /	E233/ 0700-1956-.. / E234/ 0700-1955-.. /	E155/ 6213-0014-.. /	E156/6213-0015-.. /	E200/ 0900-0568-.. / E157/ 0900-0569-.. /	E158/ 155414-000-.. /	E158/ 155414-000-.. /	E159/ 154579-000-.. /
60E2-1200-1:18,5 CMP	-	E227/ 6211-0011-.. /	E235/ 0700-1953- .. /	E228/ 6211-0012-.. /	E190/ 6211-0004-.. /	E191/ 0900-0557-.. / E192/ 0900-0558-.. /	E236/ 6211-018-.. /	E236/ 6211-0018-.. /	E194/ 152251-000-.. /
60E2-4000/10000-1:38 CMP	-	E215/ 6218-0001-.. /	E237/ 0700-1957-.. /	E216/ 6218-0002-.. /	E217/ 6218-0006-.. /	E218/0900-0651-.. / E219/ 0900-0652-.. /	E220/ 159105-000-.. /	E220/ 159105-000-.. /	E221/ 159110-000-.. /
60E2-500-1:12 FC		E230/ 6209-0019-.. /	E231/ 0700-1951-.. / E232/ 0700-1958-.. /	E226/ 6209-0020-.. /	E181/ 6209-0005-.. /	E182/ 0900-0555-.. /	E184/ 6209-0004-.. /	E184/ 6209-0004-.. /	E185/ 151633-000-.. /
60E2-300-1-9 FC		E238/ 6208-0020-.. /		E239/ 6208-0021-.. /	E240/ 6208-0023-.. /	E176/ 0900-0567-.. /	E177/ 6208-0010-.. /	E177/ 6208-0010-.. /	/E178/ 151570-000-.. /