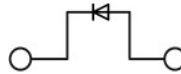




# EURO S4-LH

Article: **43463 H**

Single stage diode Terminal Block – Grey  
 BY 5A 800V diode  
 Screw connection - 4mm<sup>2</sup> / 10AWG - Width 10 mm



## GENERAL DATA

Series	<b>EURO S4-LH</b>
Item	<b>43463 H</b>
Weight/Piece	<b>17 g</b>
Catalog	<b>01</b>
Customs tariff	<b>85369095</b>
Colour	<b>Grey</b>
Q.ty p.pck.	<b>50</b>
Q.ty p. box	-

## TECHNICAL DATA / DIMENSIONS

### Dimensions

Width mm	10
Length mm	66
Height mm	44
Mounting type (EN 60715)	Omega TH35

### Technical data

Maximum load current	30A
Insulating material	PA
Self-extinguishing degree acc. to UL94	V0
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Nominal Voltage	500V
Nominal Current	30A (*)

(\*) **The max current is determined by the diode**

Temperature index, insulating material – Elec. UL 746 B - RTI	85°C
Static insulating material lower permissible temperature	-60°C

### Diode

### Fast Rectifiers BY 500-800

Nominal current	5 A
Repetitive peak reverse voltage $V_{RRM}$ [V]	800
Surge peak reverse voltage $V_{RSM}$ [V]	800
Max. average forward rectified current, R-load	$T_A = 50^\circ\text{C} - I_{FAV} - 5 \text{ A}^{(1)}$
Repetitive peak forward current	$f > 15 \text{ Hz} - I_{FRM} - 20 \text{ A}^{(1)}$



Peak forward surge current, 50 Hz half sine-wave	$T_A = 25^\circ\text{C} - F_{\text{SMI}} - 200 \text{ A}$
Rating for fusing - $t < 10 \text{ ms}$	$T_A = 25^\circ\text{C} - i^2t - 200 \text{ A}^2\text{s}$
Operating junction temperature	$T_j - 50\dots+175^\circ\text{C}$
Storage temperature	$T_s - 50\dots+175^\circ\text{C}$

(1) Valid, if leads are kept at ambient temperature at a distance of 10 mm from case

### Connection data

Conductor cross-section solid min/max	0.50 / 6 mm <sup>2</sup>
Conductor cross-section stranded min/max	0.50 / 4 mm <sup>2</sup>
AWG min/max	24-10AWG
Max conductor cross-section stranded with ferrule with plastic sleeve DIN 46228/4	4 mm <sup>2</sup> / L=12 mm
Stripping length	max 10 mm
Screw	M3 – Zinc plated steel
Tightening torque	0,6Nm / 7 Lb-In
Clamp	Zinc plated steel
Current bar	Tin Plated copper alloy

### APPROVALS

**EN60947-7-1**      4mm<sup>2</sup> – 500V – 30A

**EN60068-2-11**      Salt mist test for 96 hours

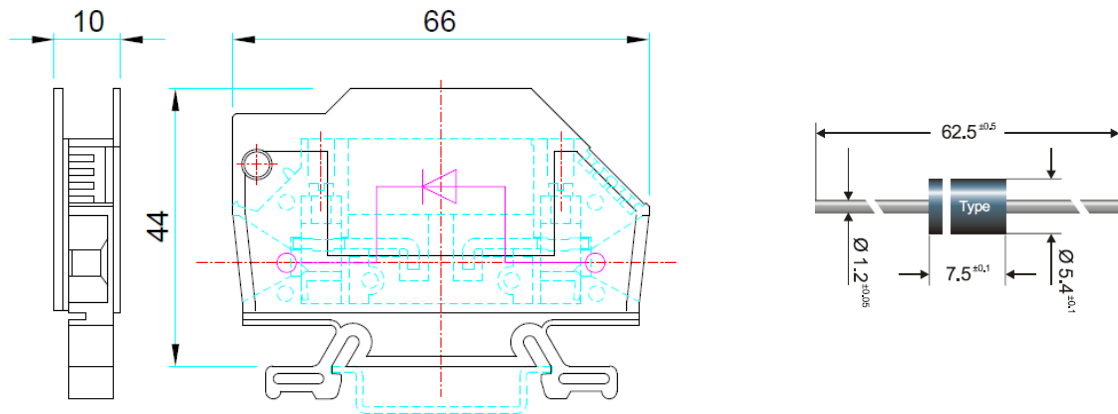
**ENEL DV27**

 **UL1059**  
**E203985**

AWG 24-10 – 300V – 30A



## TECHNICAL DRAWINGS



## ACCESSORIES

### Marking

Item	Description
<b>43059</b>	Single-digit marking tag (5 x 3 mm) - white
<b>43060/0 ÷ 43060/9</b>	Single-digit marking tag (5 x 3 mm) – with marking: 0 ÷ 9
<b>43060/A ÷ 43060/Z</b>	Single-digit marking tag (5 x 3 mm) – with marking: A ÷ Z
<b>43094</b>	Marking tag adapter – 6 slots for marking tags
<b>43192</b>	Marking tags (5 x 12 mm) - white ( <i>special marking on request</i> )
<b>438MFC0512TB</b>	Tags 5x12 for MI and 438MWK0512TBA (45tags x 20cards)
<b>438MWK0512TBA</b>	Tag adapter for: MI-EURO/Weid-WDU-ZDU/Klemsan -1box=250

### DIN RAIL system - Mounting and Installation material

Item	Description
<b>43910</b>	Steel Omega rail 35/7,5mm - 2mt length
<b>43910/F</b>	Slotted steel Omega rail 35/7,5mm - 2mt length
<b>43911</b>	Steel Omega rail 35/15mm - 2mt length
<b>43911/F</b>	Slotted steel Omega rail 35/15mm - 2mt length
<b>43028</b>	Angled support bracket
<b>43442</b>	EURO STOP - End bracket width 9
<b>43444</b>	EURO STOP - End bracket width 6
<b>43447</b>	EURO STOP - Snap-on end bracket width 6
<b>43448</b>	EURO STOP – Tag Carrier for TH35 or TH15 DinRail
<b>43449</b>	EURO STOP - End bracket cover profile carrier
<b>43449-C</b>	EURO STOP - Cover profile - Length 100cm

### Additional items

Item	Description
<b>43432</b>	Separator