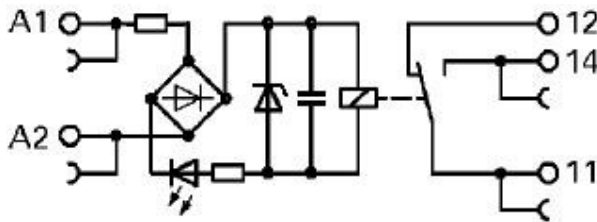


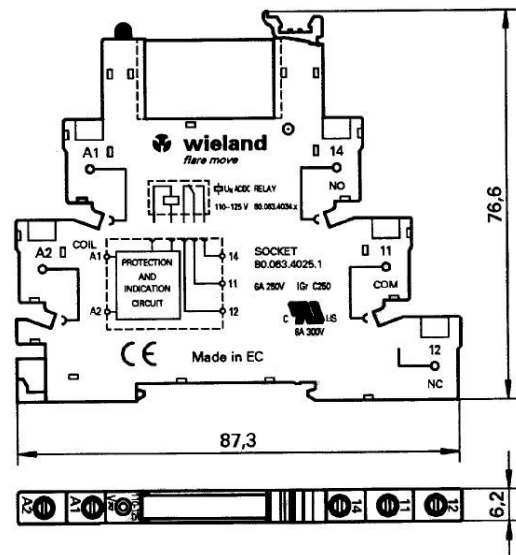
**flare MOVE 115V-1W-AU**

**flare MOVE 115V-1W-AU**  
 Pluggable coupling relay  
 115 V AC/DC  
 80.010.4525.1

- Pluggable coupling relay
- Input voltage range 77 ... 137,5 V AC/DC
- 1 changeover contact - gold-plated
- Mounting width 6,2 mm



Wiring diagram



Dimensional diagram

**Technical Data**

flare MOVE 115V-1W-AU	Order no. 80.010.4525.1
<b>Coil circuit</b>	
Operating voltage	110 ... 125 V AC/DC
Minimum input voltage	77 V DC / 88 V AC
Maximum input voltage	137,5 V AC/DC
Nominal input current	5 mA
Nominal input capacity	0,6 V A
Status display	LED green
<b>Switching characteristics</b>	
Contacts	1 changeover contact
Contact material	AgSnO <sub>2</sub> + Au (5 i )
Nominal switching voltage	250 V AC
Maximum switching voltage	400 V AC
Maximum continuous current	6 A AC/DC (see Fig. 1 Load limiting curves)
Maximum starting current	10 A
Maximum switching current	(see Fig. 1 Load limiting curves)
DC1 30 / 110 / 220 V DC	6 A / 0,2 A / 0,15 A
Maximum breaking capacity (ohmic load)	1500 V A / 1,5 W
Maximum switching capacity AC 15	300 V A
Minimum selectable voltage	5 V
Minimum selectable current	2 mA

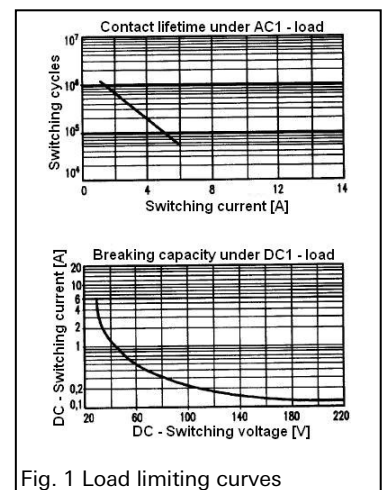


Fig. 1 Load limiting curves

**flare MOVE 115V-1W-AU**
**Technical Data**

<b>flare MOVE 115V-1W-AU</b>	<b>Order no. 80.010.4525.1</b>
Minimum switching capacity	50 mW
Mechanical life	10 x 10 <sup>6</sup>
Electrical life	60 x 10 <sup>3</sup> (see Fig. 1 Load limiting curves)
Maximum switching frequency	0,5 Hz
Pick-up delay	7 ms
Release delay	11 ms
<b>General Data</b>	
Width	6,2 mm
Height	87,3 mm
Depth	76,6 mm
Rated voltage	250 V
Isolation voltage of input/output	4 kV eff.
Ambient temperature	-40 ... +55° C
Storage temperature	-40 ... +55° C
Degree of protection (IP)	IP20
Mounting rail	TS35 acc. EN 60715
<b>Connection Data</b>	
Connection type	Screw terminals
Wire range fine-stranded min	0,25 mm <sup>2</sup>
Wire range fine-stranded max	2,5 mm <sup>2</sup>
Wire range solid min	0,25 mm <sup>2</sup>
Wire range solid max	2,5 mm <sup>2</sup>
Torque	0,5 Nm
Connectable via pluggable jumper	20
<b>Approvals</b>	
Conformity	CE-conformity
Approvals and Standards	cURus