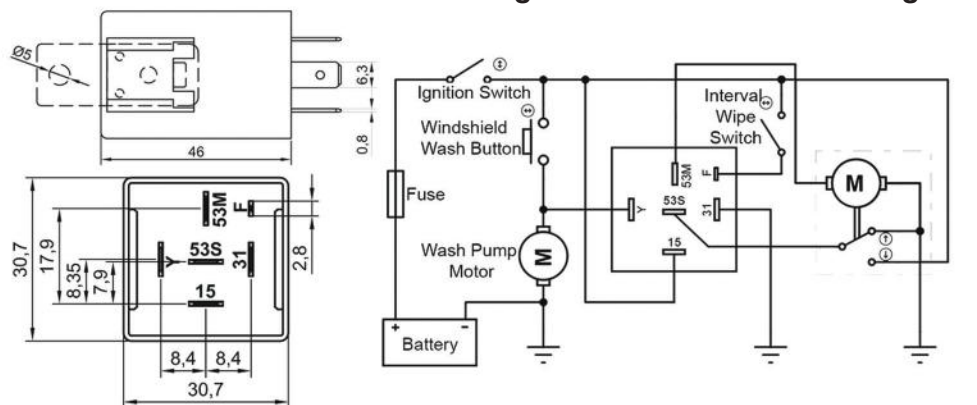


## Wipe &amp; Wash Interval Relay

Product Code                    **201.022.001 - 12V**  
                                          **201.022.003 - 24V**



### Technical Data

	<b>201.022.001</b>	<b>201.022.003</b>
<b>Nominal Voltage</b>	12V	24V
<b>Operating Voltage</b>	9,0 - 16,0V DC	20,0 - 30,0V
<b>Rated Continuous Load</b>	10A	10A
<b>Maximum Inrush Current</b>	40A	40A
<b>Load Power</b>	140W	280W
<b>Wipe Intervals</b>	6,5 ± 2 seconds	6,5 ± 2 seconds
<b>Wipe Intervals after Wash</b>	4,0 ± 1 seconds	4,0 ± 1 seconds
<b>Dielectric Strength</b>	>1000Vdc	>1000Vdc
<b>Switching Cycles</b>	>100.000	>100.000
<b>Vibration</b>	20-200Hz,5g;>10us	20-200Hz,5g;>10us
<b>Mechanical Shock</b>	>10g, 11ms>10us	>10g, 11ms>10us
<b>IP Rating</b>	IP54 DIN IEC60529	IP54 DIN IEC60529
<b>Terminals</b>	Y,15,31,53S,53M: 6,3 x 0,8 mm F: 2,8 x 0,8 mm	Y,15,31,53S,53M: 6,3 x 0,8 mm F: 2,8 x 0,8 mm
<b>Terminals / Plating</b>	Fe/E-Sn	Fe/E-Sn
<b>Bracket</b>	-	-
<b>Ambient Temperature</b>	-40 / +80 °C	-40 / +80 °C

### Product Details

Even when the windscreen wipers are operating at the slowest speed, the blades wipe when the glass is dry due to low rainfall. This causes the wiper blades to wear out too quickly and to scratch the window. Especially for vehicles with a rear window wiper, the wiping intervals need to be longer. The ELO Wash & Wipe Relay decreases the operation frequency of the wipers to prevent windscreen wipers to be worn unnecessarily, as well as abrasion of windscreen.

ELO Wash & Wipe Relay is activated when F terminal is triggered. It instantaneously completes the first round of wipe. Then, it starts performing a wiping operation every 6.5 ± 2 seconds. When a signal is received by terminal Y, the motor for water is activated and the wipers will then operate for 4 seconds (approximately 3 wiping cycles). If intermittent operation is already active at this time, the wipers return to 6.5 ± 2 seconds interval mode automatically.

#### Notes

All measurements are in millimeters.