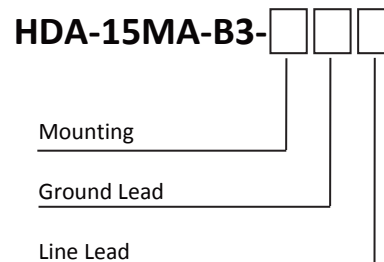
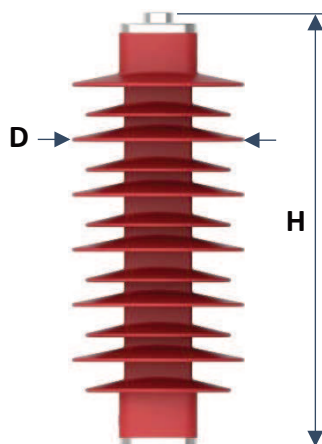


| | | |
|--------------------------------------|-------------|---|
| HDA U_c Voltage Range | 2.4 – 41 kV | Continuous operating voltage |
| HDA U_R Voltage Range | 3 – 51.5 kV | U_c : 15.0 kV |
| Polymeric Housing | | Rated voltage |
| IEC 60099-4: 2014 Ed 3.0 | | U_R : 19.0 kV |
| Nominal discharge current (I_n) | 10 kA | |
| Surge arrester class | DH | |
| Rep. charge transfer rating Q_{RS} | 0.5 C | Short circuit rating: |
| High current impulse (4/10 μ s) | 100 kA | Rated short-circuit (I_s , 0.2s) 40 kA |
| Thermal charge transfer rating | 1.1 C | Low short-circuit current 600 A |
| Directly moulded cage design. | | Safe non-shattering design. |



Dimensions (mm)



Arrester Housing

| | | |
|------------------------------------|----------|------|
| Impulse voltage 1.2/50 μ s | kV | 190 |
| Power frequency voltage | -wet: kV | 93 |
| Overall length, (H) | mm | 316 |
| Overall diameter (large shed), (D) | mm | 122 |
| Flashover distance | mm | 310 |
| Creepage Length | mm | 830 |
| Weight | kg | 3.25 |
| No of Sheds | | 12 |
| Cantilever strength SSL | Nm | 350 |
| Cantilever strength SLL | Nm | 350 |
| Pull strength | N | 2000 |
| Max. Torque M12 | Nm | 50 |

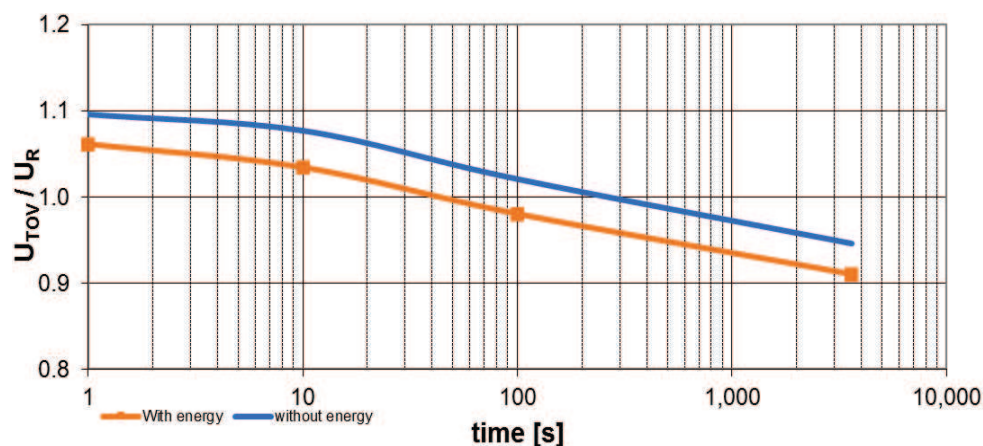
Residual Voltages (kV)

| Lightning current impulse 8/20 μ s | | | Steep lightning current impulse 1/20 μ s | Switching current impulse 30/60 μ s | |
|--|-------|-------|--|---|-------|
| 5 kA | 10 kA | 20 kA | 10 kA | 125 A | 500 A |
| 46.9 | 49.9 | 55.2 | 54.6 | 37.6 | 39.7 |

Temporary Overvoltage Capability (TOV)

1 Sec. TOV: 20.3 kV

10 Sec. TOV: 19.7 kV



Marking

Raychem

HDA-15MA
 U_c : 15.0 kV
 U_R : 19.0 kV
 MO Surge Arrester
 50/60 Hz
 IEC 60099-4
 I_s 40 kA
 I_n 10 kA DH
 Manufacturing Year

MVSA-773-22/18-0-000

TE Connectivity and TE Connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalogue are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

For Technical and Sales Information please e-mail: surgearresters@te.com
 or telephone: +353 61 470816 or +353 61 470848
 TE Connectivity Ltd. family of companies. All Rights Reserved.
te.com/energy

